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April Le Zuzne 1921



CATALOGUE

ISSUED BY

Holdsworth, Macpherson & Co.

Hardware Merchants

MANUFACTURERS, IMPORTERS AND EXPORTERS

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SYDNEY, N.S.W.

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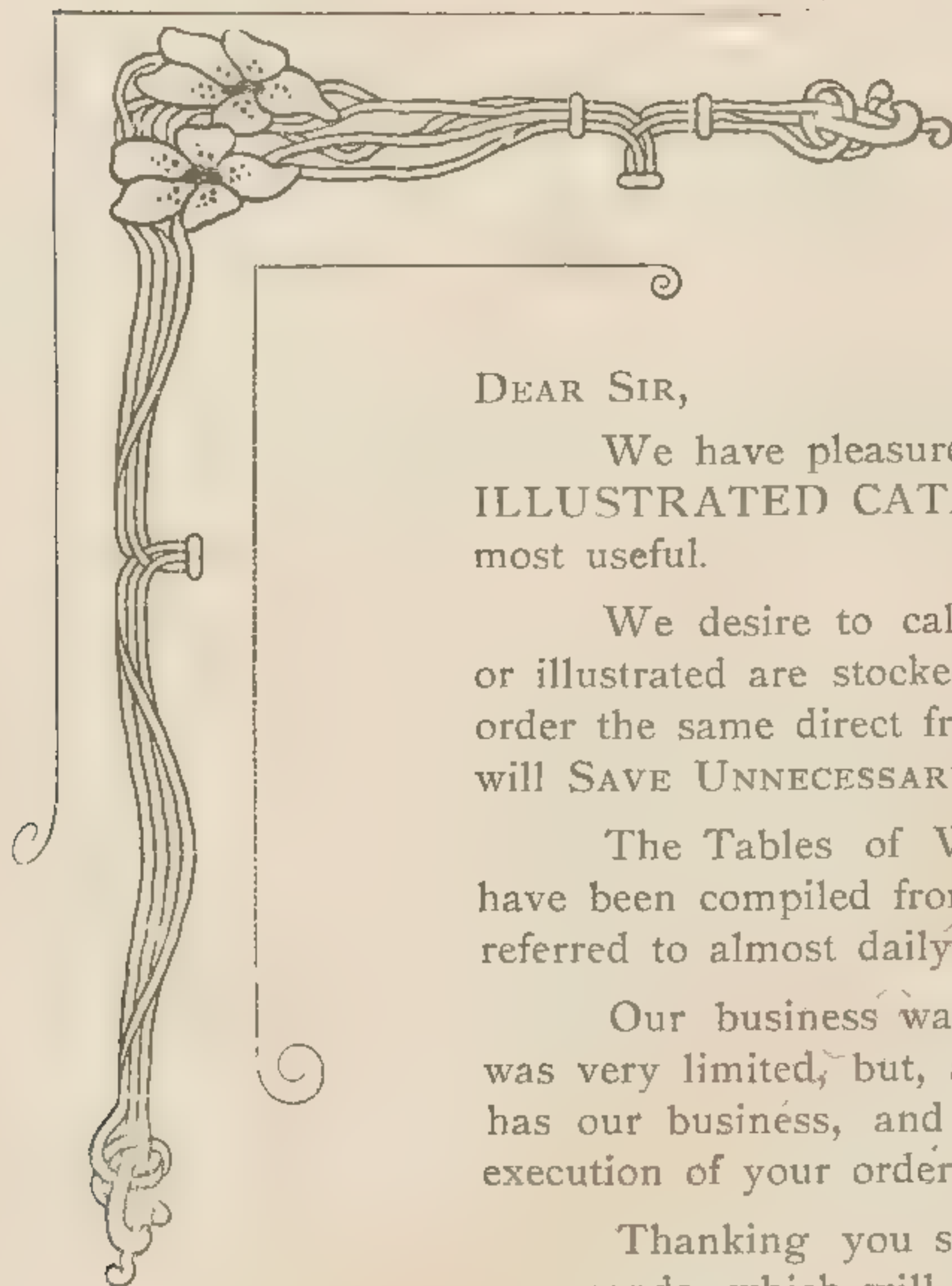
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HOLDSWORTH MACPHERSON & CO

SYDNEY.



OLIVER & SON SYDNEY



PREFACE

OCTOBER, 1909

DEAR SIR,

We have pleasure in handing you a copy of the Second Edition of our ILLUSTRATED CATALOGUE, which we think you will admit will be found most useful.

We desire to call your attention to the fact that all goods enumerated or illustrated are stocked by us; therefore, it will be to your advantage to order the same direct from us, or through our travellers, as by so doing you will SAVE UNNECESSARY DELAY and possible advances.

The Tables of Weights and Measurements, Manufacturers' Lists, &c., have been compiled from authentic sources, and as many of these have to be referred to almost daily, the value of the book is enhanced.

Our business was established in 1825, when the demand for Hardware was very limited, but, as the demand and resources of the State increased, so has our business, and we trust that by paying you every attention in the execution of your orders it may still continue to do so.

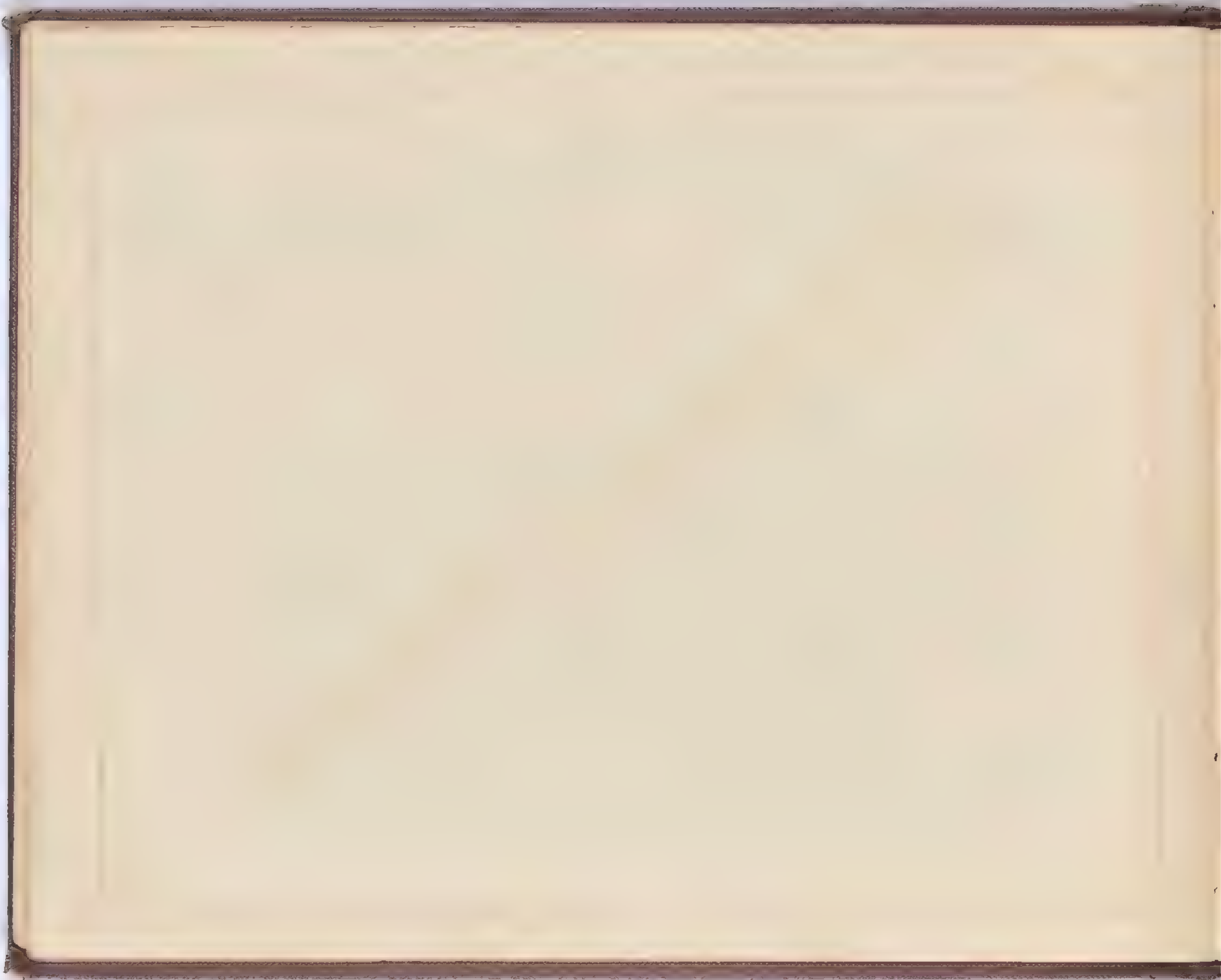
Thanking you sincerely for past patronage and always awaiting your commands, which will have our closest attention,

We are, dear sir,

Yours faithfully,

HOLDSWORTH, MACPHERSON & CO.

252
GEORGE STREET
SYDNEY



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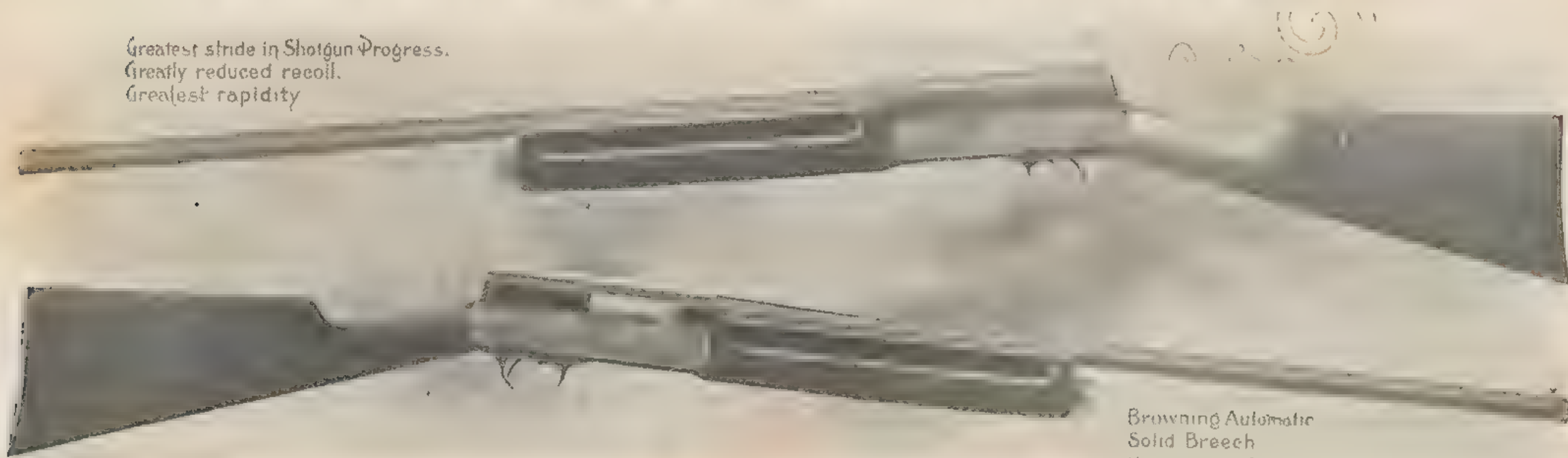
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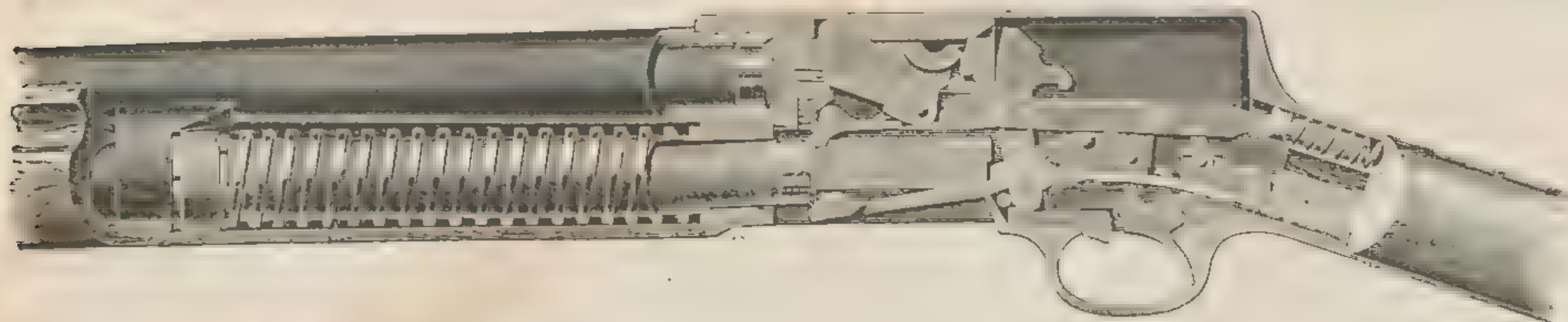
Arms and Ammunition.

THE BROWNING AUTOMATIC SHOT GUN. NEW MODEL.

Greatest stride in Shotgun Progress.
Greatly reduced recoil.
Greatest rapidity



Browning Automatic
Solid Breech
Hammerless Repeating Shotgun



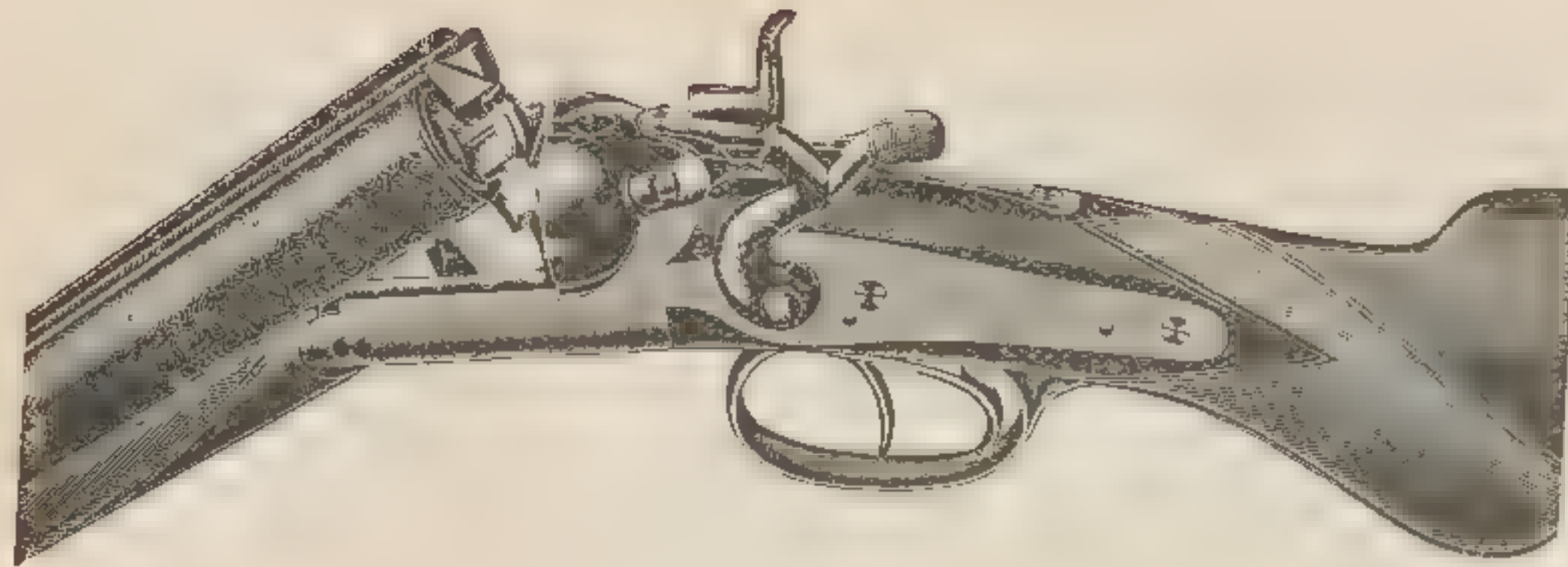
12 gauge, five down 28 in. Cockerel steel barrel, checkered English walnut stock, and fore end, with cut off apparatus, strapping swivels, counter screws, matted receiver, rubber butt, 5 shots, weight about 7 1/2 pounds. It is, in effect, a single trigger, five barrel gun, with but one barrel to aim, carry and clean. One can, with at practice, fire two shots from it more rapidly than from a double-trigger double-gun, or as rapidly as from a single-trigger double-gun, and with greater precision, and then three shots are left which can be fired with equal rapidity and accuracy. The only limit of speed is the rapidity with which the shooter can pull the trigger. The single barrel is also of recognised advantage. It facilitates taking quick aim, the expansion is equal, and it always shoots straight.

FOR FITTINGS SEE PAGE 15.

SEND FOR PAMPHLET "THE BROWNING AUTOMATIC GUN."

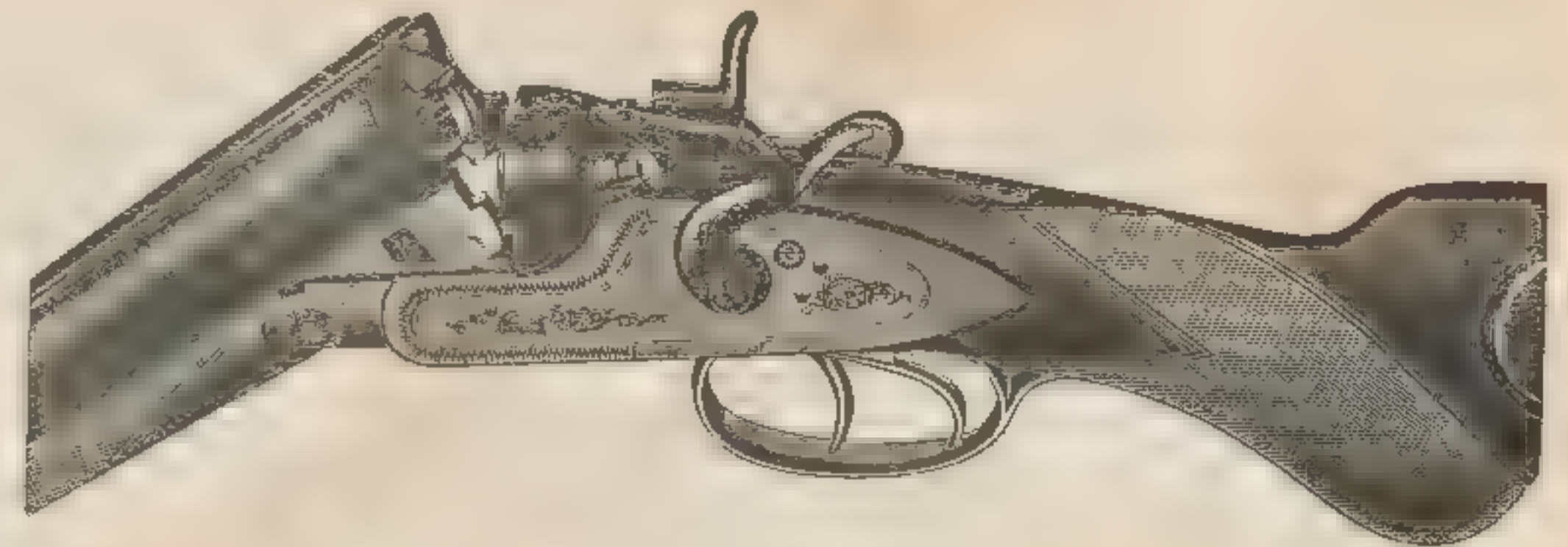
Double Barrel Breech Loading Guns.

OUR SPECIALITIES.



THE "DROPPER."

Imitation Twist barrels, left choke, top lever, extended rib, bar action, snap fore-end, walnut stock, pistol grip, best finish, 2 springs rebounding locks, engraved mountings, hardened frame, 12 and 16 bore.

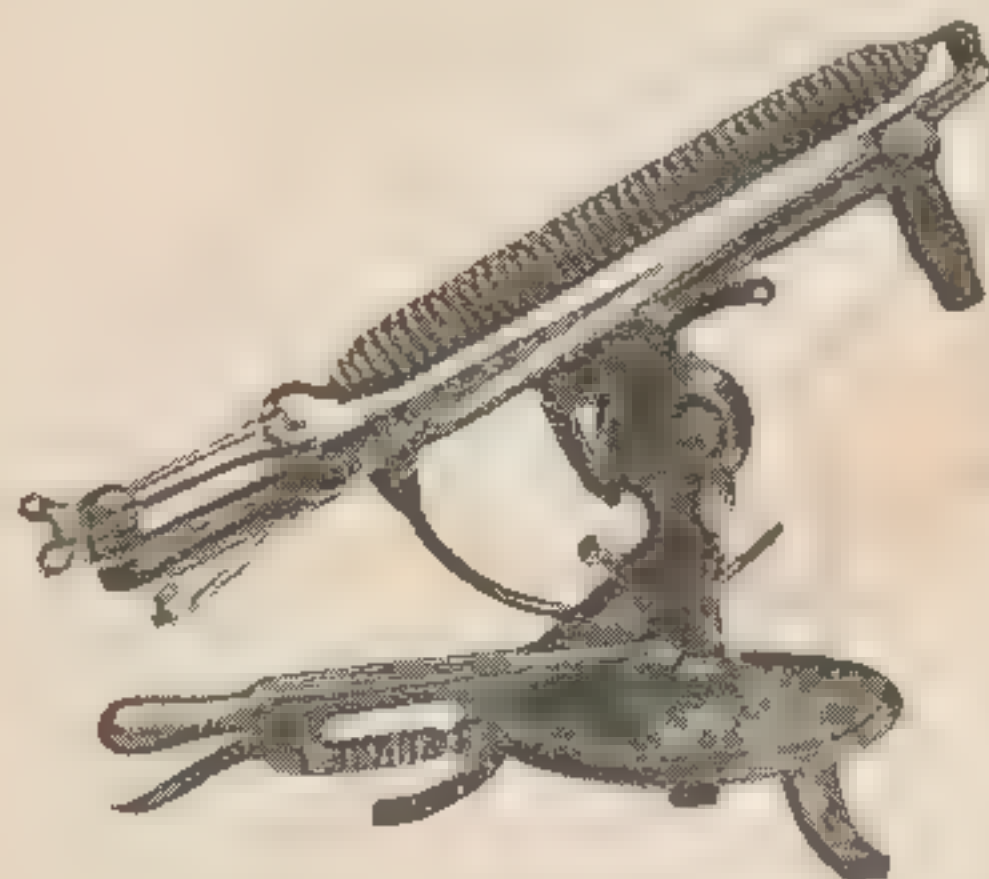


THE "TRIUMPH."

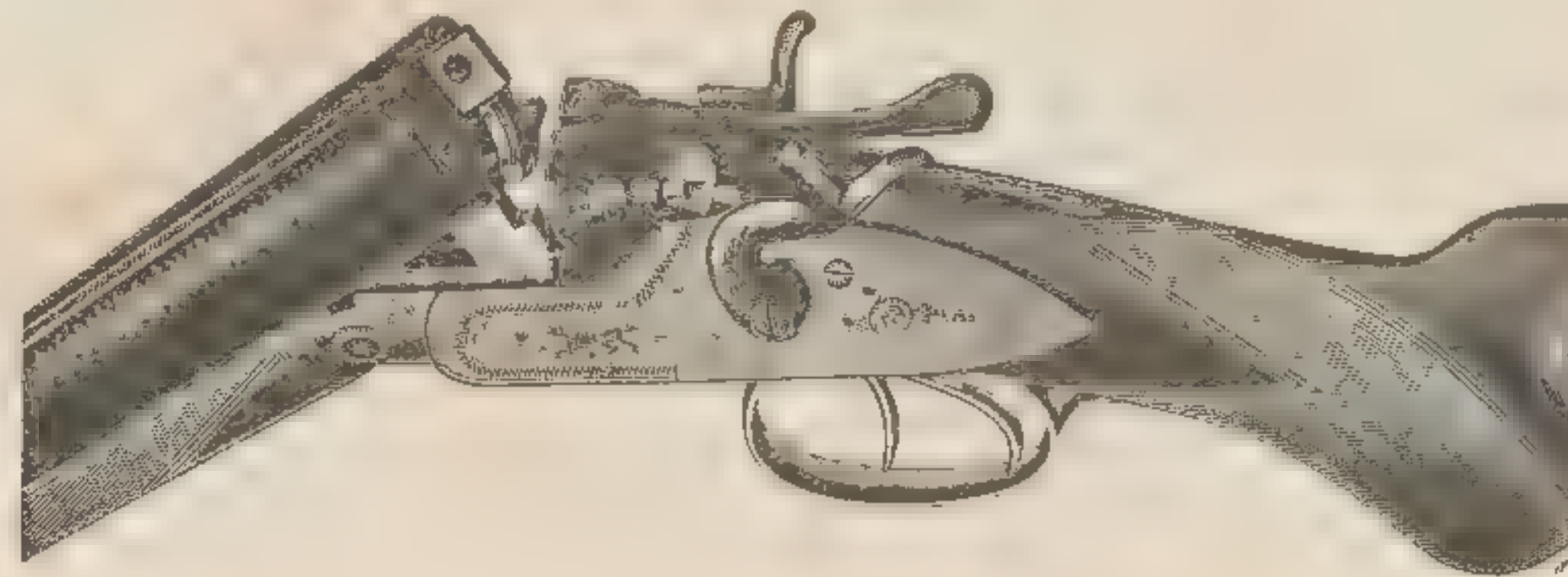
Imitation Damascus steel barrels, left choke, top lever, extended rib, bar action, 2 springs rebounding locks, Deeley and Edge fore-end, walnut stock, pistol grip, compressed heel plate, engraved mountings, hardened frame, 12 bore only.

THE "BOSCA."

The same, not engraved, back action, single spring locks, blued steel barrels, 12 bore only.

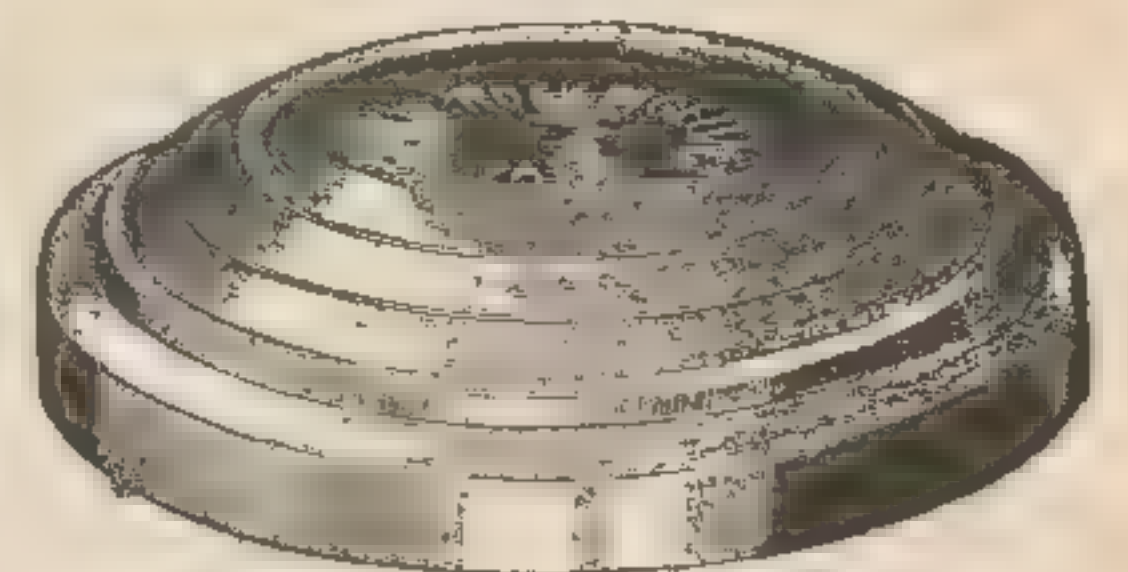


CLAY PIGEON THROWER.



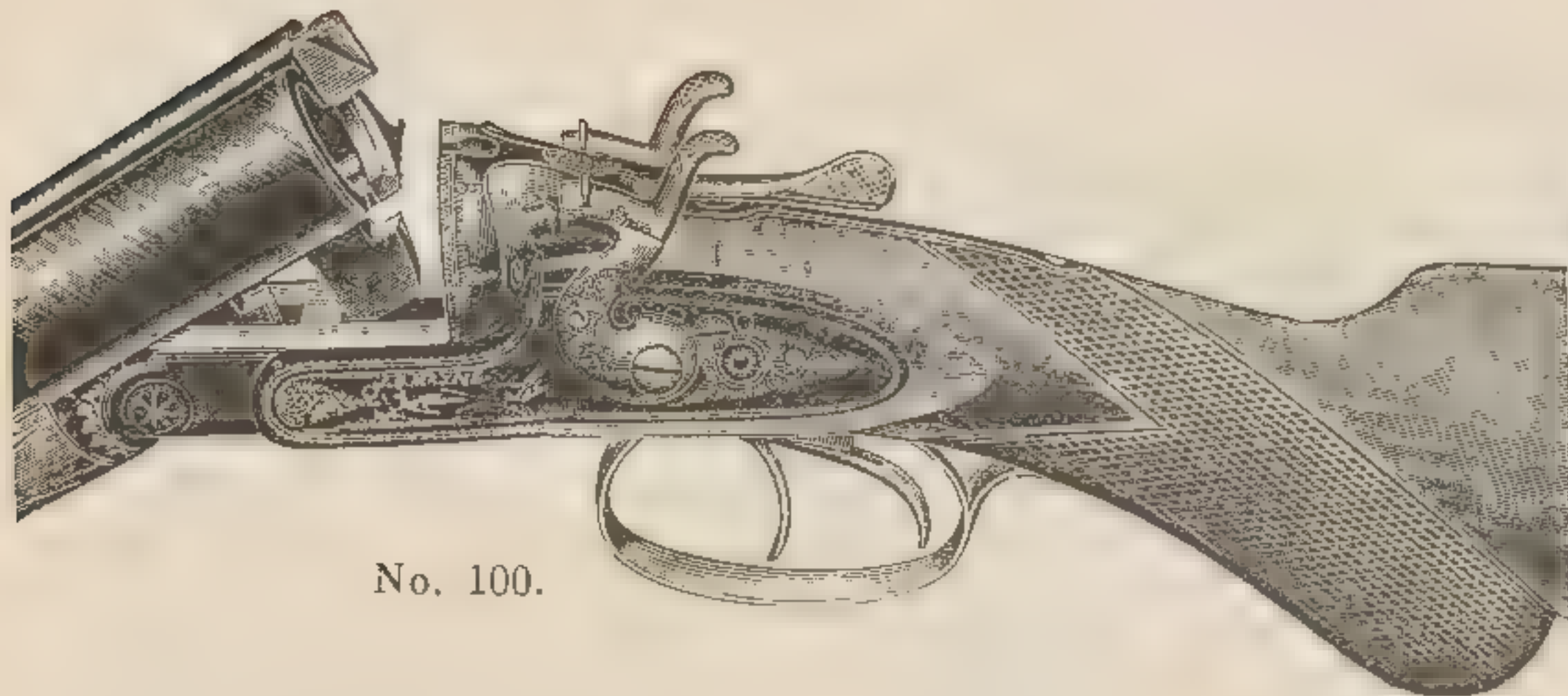
THE "BUSHIE."

Imitation Damascus steel barrels, left choke, top lever, treble cross bolt, bar action, rebounding locks, 2 springs, Anson and Deeley fore end, walnut stock, pistol grip, scroll and game engraving, hardened frame, 12 and 16 bore.



CLAY PIGEONS.

Double Barrel Breech Loading Guns *Continued*



No. 100.

J. O. MAYNE'S No. 100. Twist barrels, bar locks, engine-turned rib, half-pistol stock, snap fore-end, hammers below line of sight, left barrel choke, right modified, in 12 and 16 gauge.
 „ No. 101. As No. 100, but with cross-bolt action, in 12, 16, and 20 gauge.



No. 104.

I. HOLLIS & SONS' No. 104. Hammerless, Damascus barrels, engine-turned rib, Deeley Edge fore-end fastener, crossbolt action, half-pistol stock, left barrel choke, right modified, neatly engraved, 12, 16, 20 and 28 gauge.

No. 105. Special Hammerless Pigeon gun, Siemens Martin steel barrels, cross-bolt action, side locks, Deeley-Edge fore end fastener, half-pistol stock, left barrel choke, right modified, extra heavy and strong, for large charges, chambered for 2½ case, 12 gauge.



No. 102.

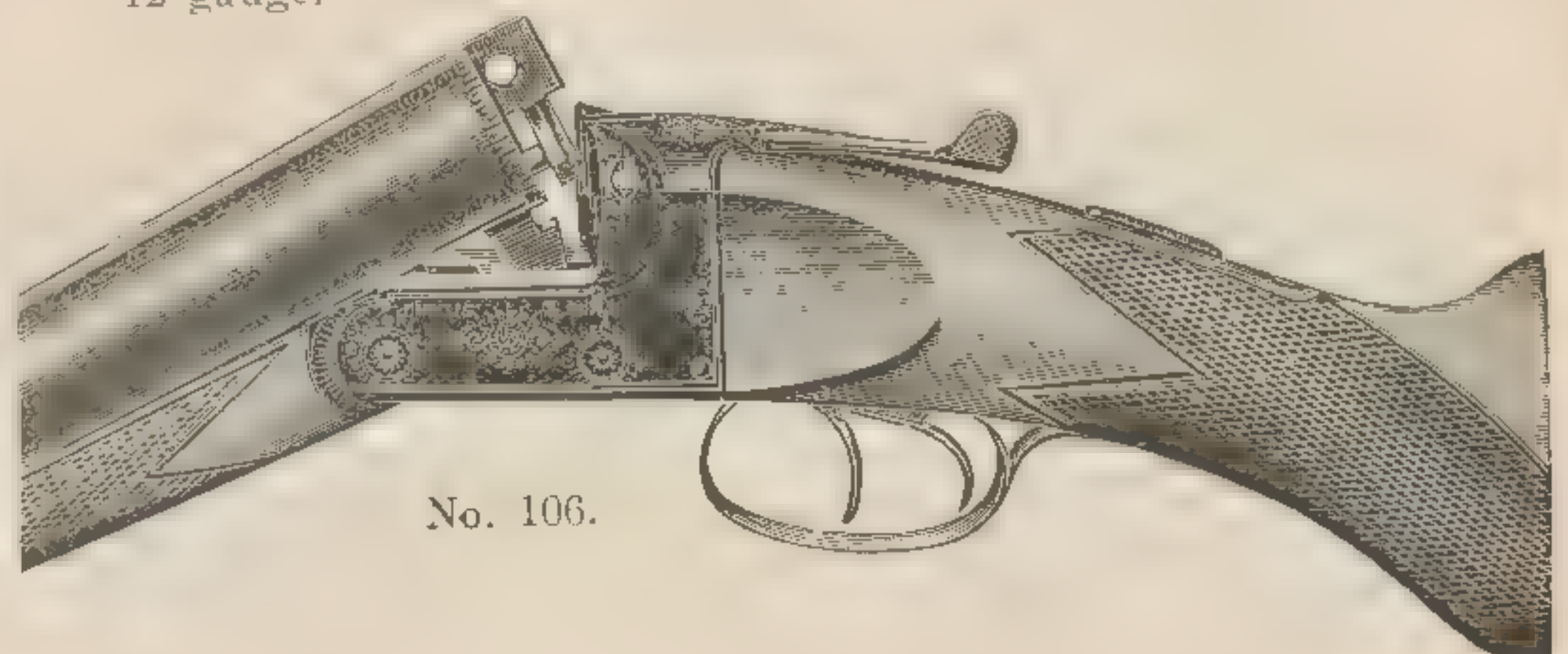
I. HOLLIS & SONS' No. 102. Twist barrels, bar locks, engine-turned rib, half-pistol stock, good steel bar rebounding locks, left barrel choke, right modified, cross-bolt action, in 12, 16, and 20 gauge.

I. HOLLIS & SONS' No. 102. A. Twist Barrels, back action locks, plain rib, doll's head extension, half-pistol stock, snap fore-end, rebounding locks, solid strikers, left barrel choke, right modified, 12 gauge.

I. HOLLIS & SONS' 102 B, similar to above, with cross-bolt action,

G. H. CRAWFORD, Birmingham, No. 102 C, similar to 102, with full pistol stock, 12 gauge.

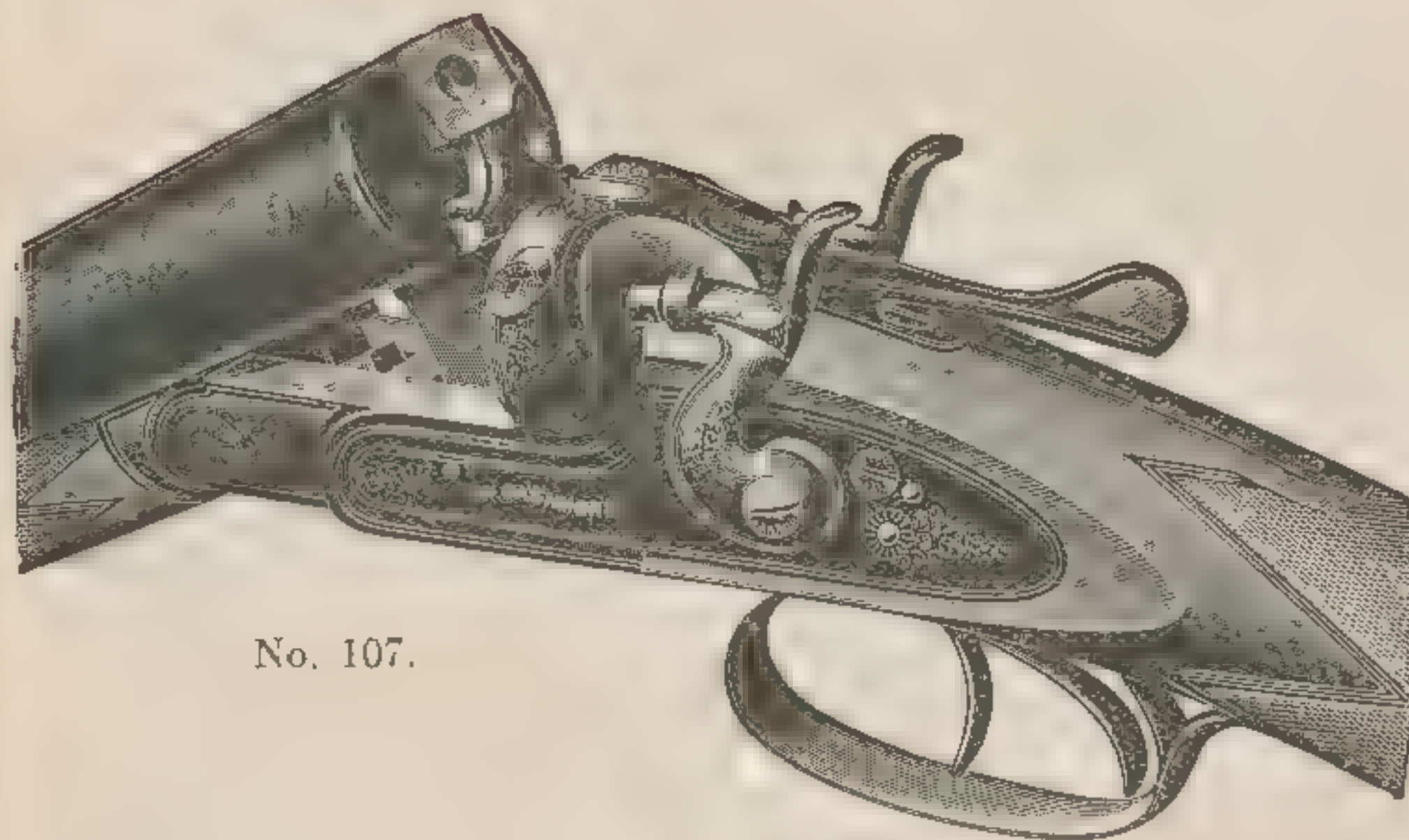
I. HOLLIS & SONS' No. 103. Damascus barrels, engine turned rib, Deeley-Edge fore-end fastener, cross-bolt action, left barrel choke, right modified, half-pistol stock, proved for nitro. powders, 12 gauge.



No. 106.

I. HOLLIS & SONS' No. 106. Hammerless Damascus barrels, cross-bolt action, Deeley-Edge fore-end fastener, half-pistol stock, left barrel choke, right modified, neat scroll engraving, 12 and 16 gauge.

Double Barrel Breech Loading Guns—Continued.



No. 107.

W. CASHMORE'S No. 107. Damascus barrels, bar locks, top lever, cross-bolt action, rebounding locks, hammers below line of sight, patent fore-end, solid strikers, half-pistol stock, left barrel choke, right modified, 12 gauge.

„ No. 108. As above, but with steel barrels, 12 gauge.



No. 111.

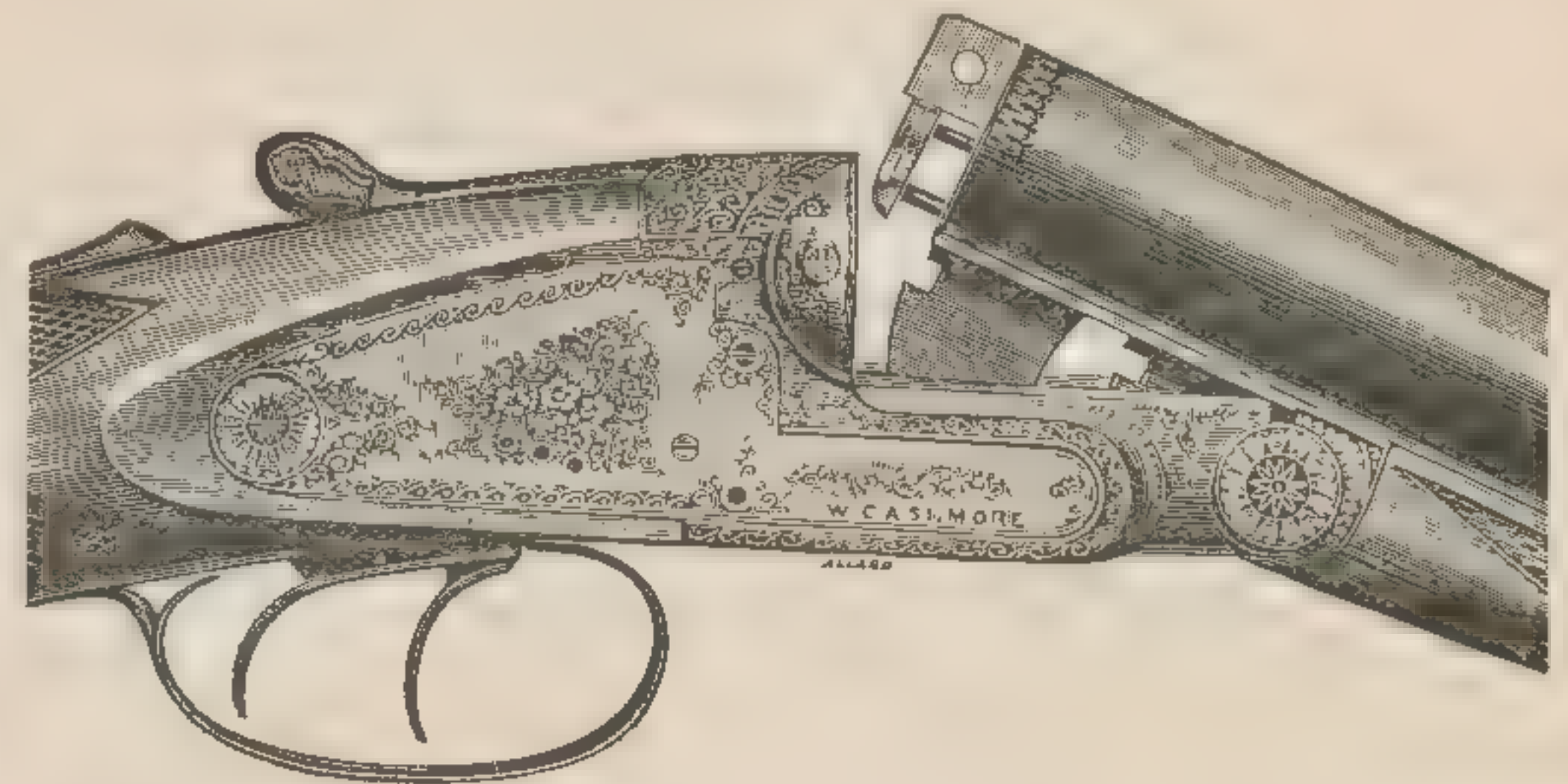
W. CASHMORE'S No. 111. Hammerless Steel barrels, cross-bolt action, automatic safety bolt, engine-turned rib, half pistol stock, both barrels choked, D. and E. fore-end, neatly engraved, 12 gauge.



No. 109.

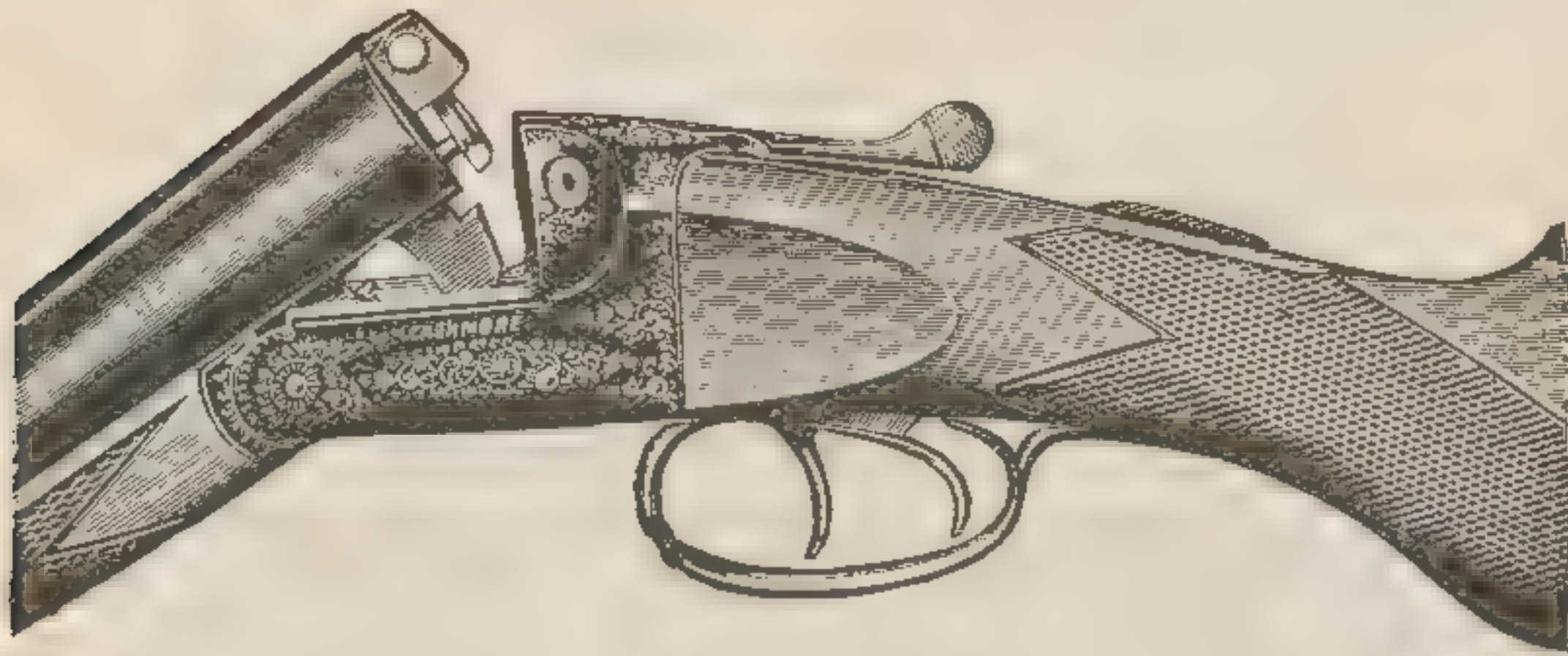
W. CASHMORE'S No. 109. Damascus barrels, solid bar action, with cross-bolt, percussion fences, solid strikers, engine-turned rib, D. and E. bolt, left barrel choke, right modified, half-pistol stock, 12 gauge.

„ No. 110. As above, but with steel barrels, 12 gauge.

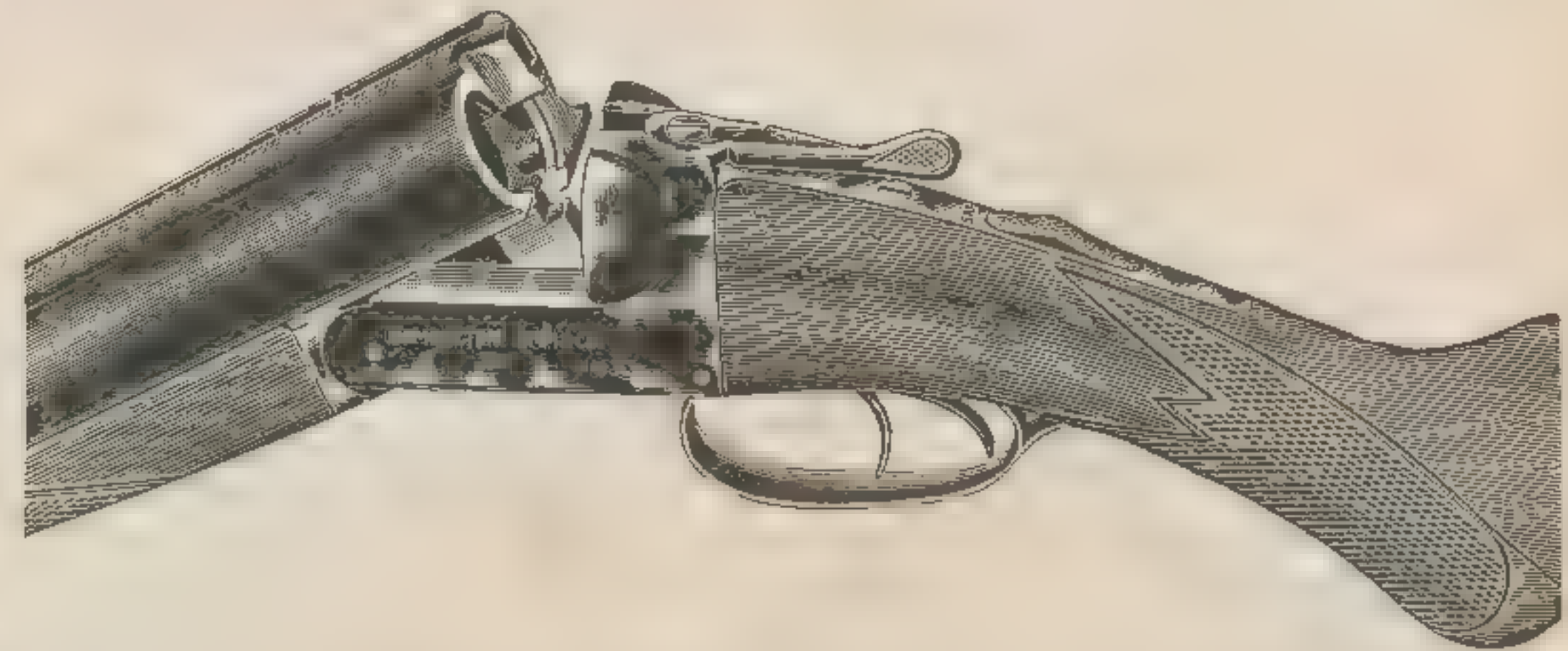


W. CASHMORE'S No. 112. Damascus barrels, side lock, cross-bolt action, automatic safety bolt, engine-turned rib, left choke, right modified, half-pistol stock, D. and E. fore-end, 12 gauge, plain finish, without engraving.

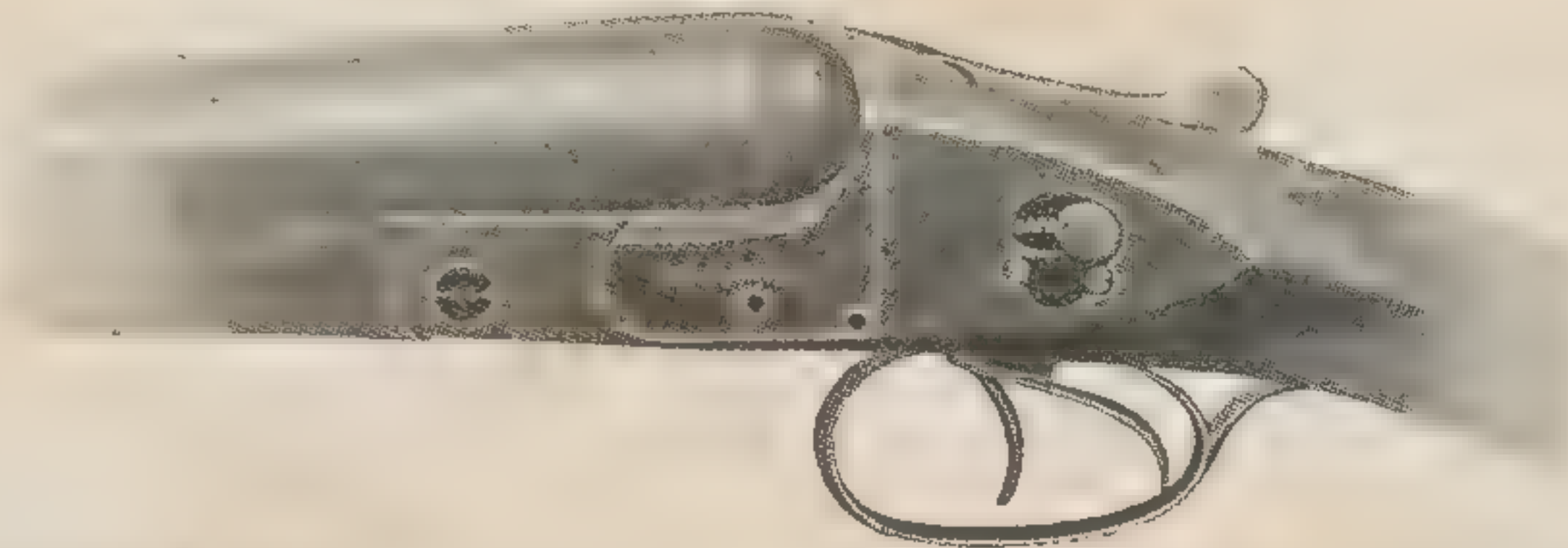
Double Barrel Breech Loading Guns *Continued.*



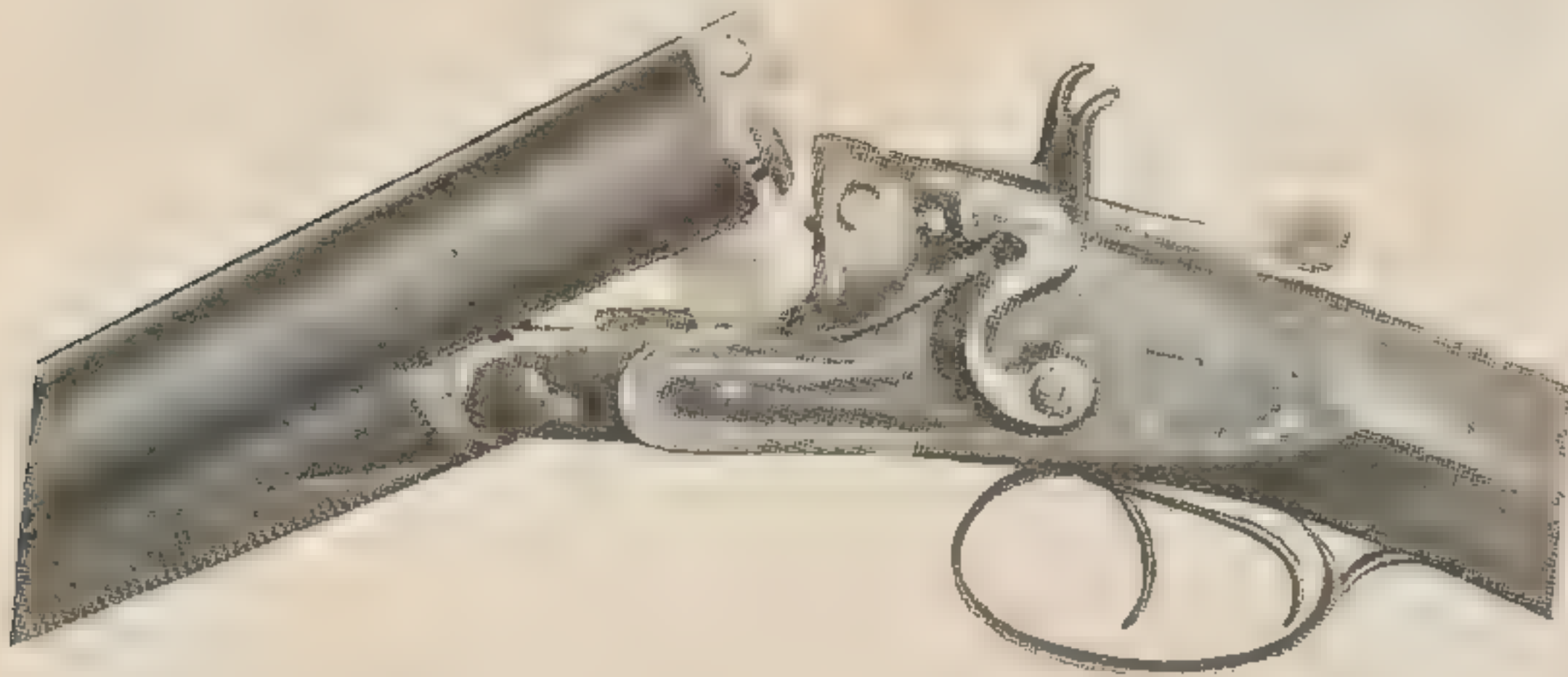
W. CASHMORE'S No. 113. Anson and Deeley Hammerless Gun, cross-bolt action, with side clips, automatic safety bolt, flat engine-turned rib, English fine-steel barrels, left choke, right modified, chambered for 2 $\frac{1}{4}$ cases, half-pistol stock, patent fore-end, well finished and engraved, 12 gauge.



REMINGTON No. 114. Double Barrel Hammerless Gun, blued steel barrels, case-hardened frame mounting, snap fore-end, top snap, extension rib with bite, flat matted rib, automatic safety, choke bore, walnut stock, 12 gauge.



W. W. GREENER'S No. 121. Hammerless, steel barrels, Greener cross-bolt, automatic safety, patent fore-end, engine turned rib, half-pistol grip, full choke, weight 7 lb. 2 oz., 12 gauge.

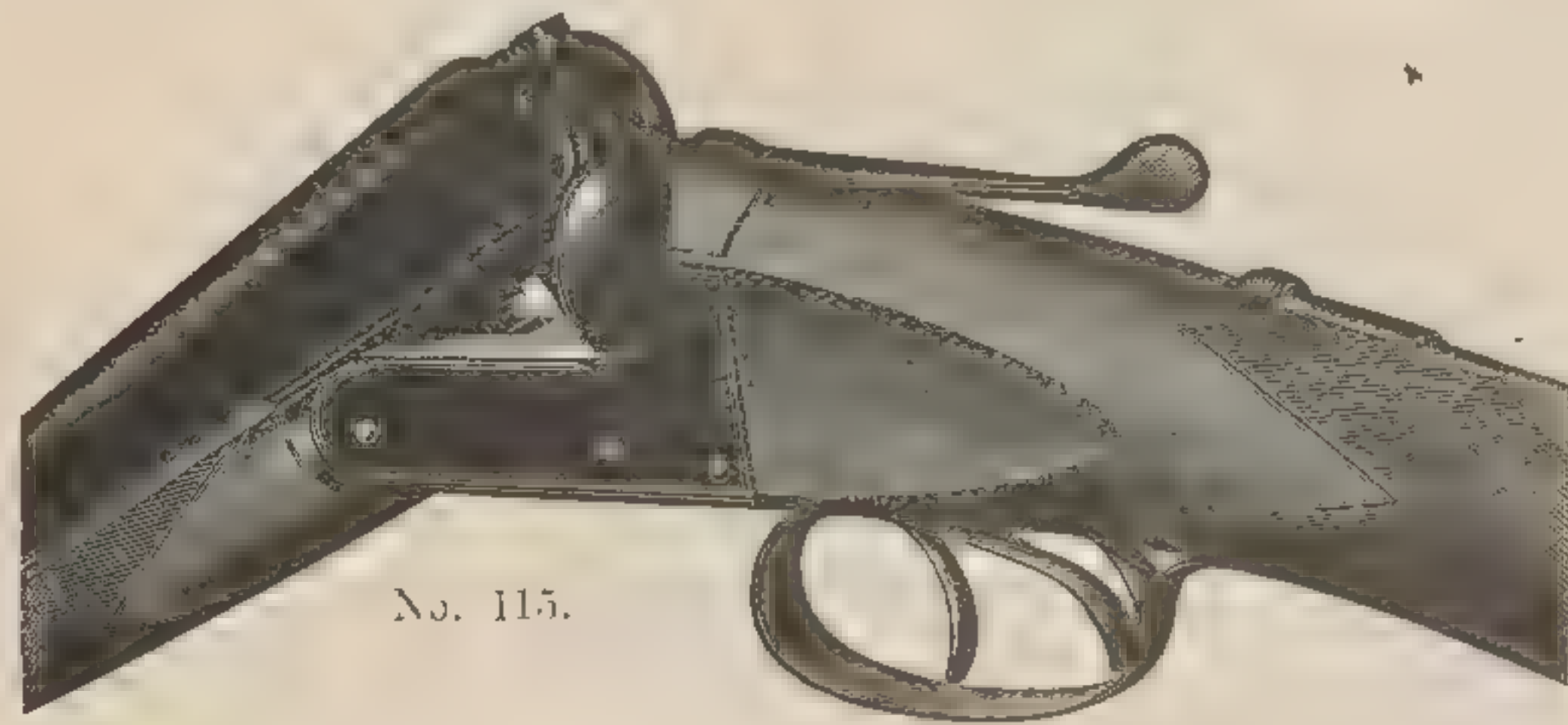


W. W. GREENER'S No. 120. Greener Hammer Gun, steel barrels, Greener cross-bolt, low hammers, patent fore-end, engine-turned rib, half-pistol grip, full choke, weight 7lb. 2oz., 12 gauge.



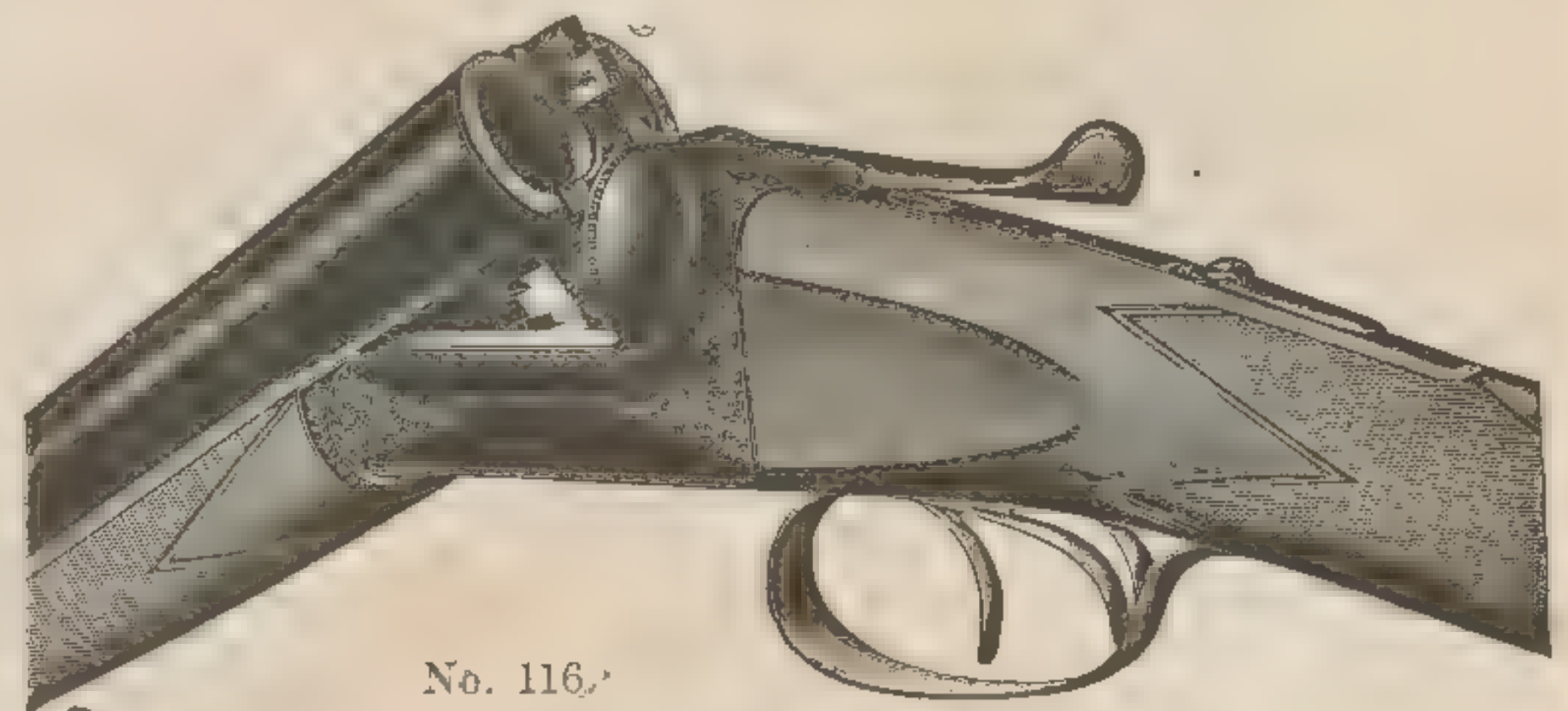
W. W. GREENER'S No. 122. Hammerless, Greener Facile Principle action, steel barrels, automatic intercepting tumblers, safe and Independent Greener side safe, patent fore-end catch, engine-turned rib, half-pistol grip, full choke, weight 7lb. 2oz., 12 gauge.

Double Barrel Breech Loading Guns (Westley Richards & Co., Ltd.).



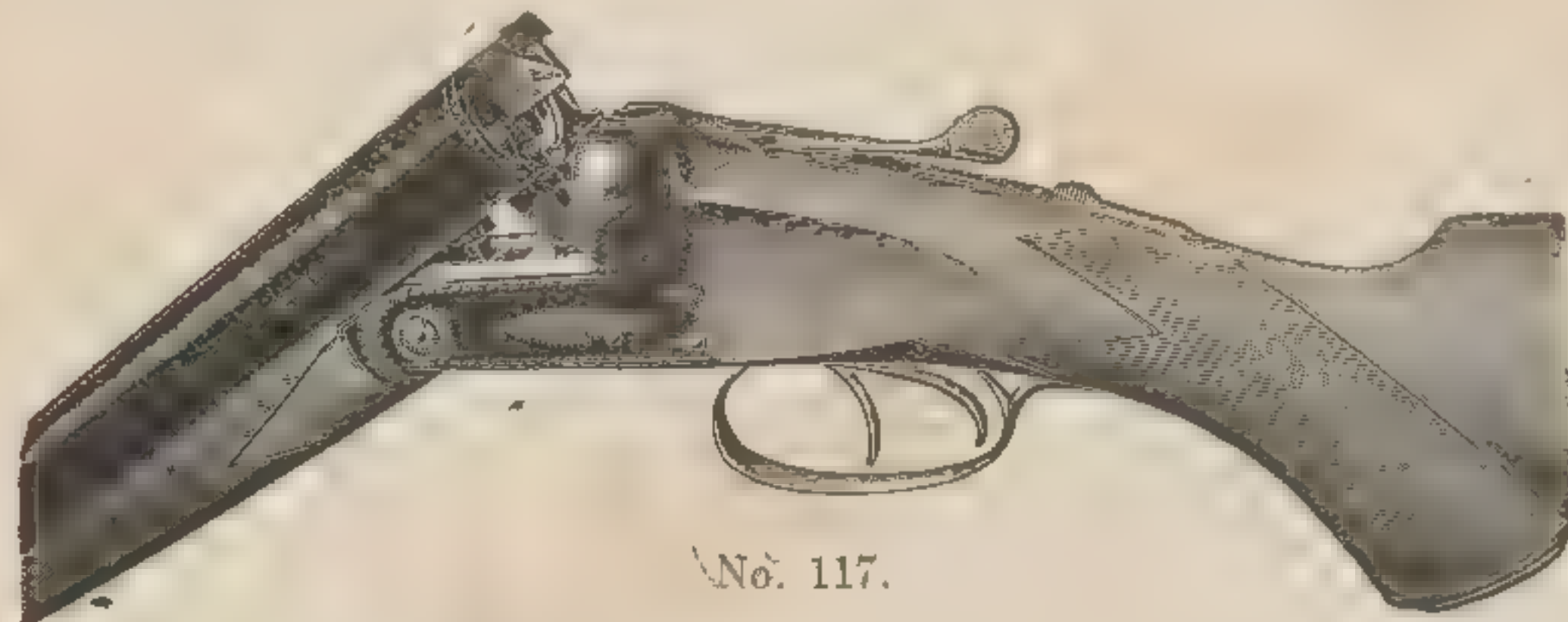
No. 115.

WESTLEY RICHARDS' "THE FEDERAL." No. 115. Double Hammerless Ejector Gun, 30in. English Damascus barrels, finely bored, left choke, fitted with **WESTLEY RICHARDS'** celebrated ejector mechanism, automatic rocker, top safety and cocking litter, also with their cross-bolt action, solid joint pin, Deeley-Edge fore-end bolt, plain hollow rib, neat line border engraving, straight hand checkered walnut stock and fore-end, checkered horn heelplate, silver crest plate, shooting guaranteed, well balanced; weight about 7 lbs. Named "Westley Richards and Co." and "The Federal," on barrels, or rib, and letter "T" and consecutive number on guard; 12 gauge.



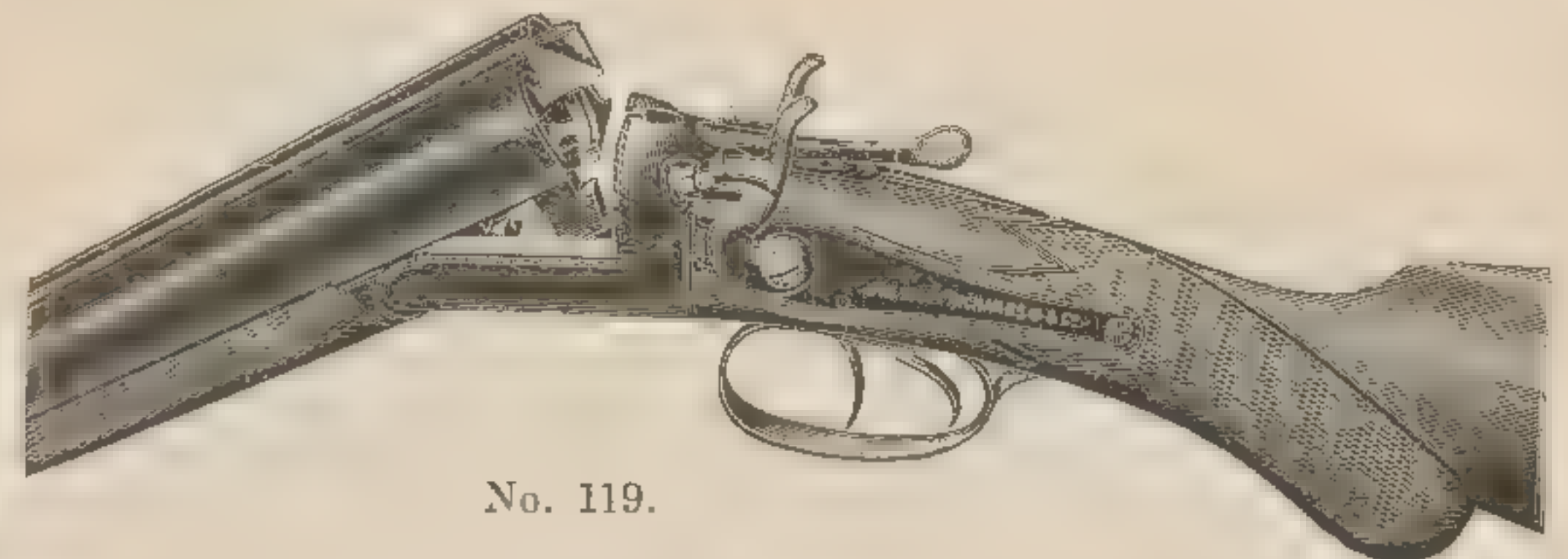
No. 116.

WESTLEY RICHARDS' "THE FOWLER." No. 116. Double-barrel, Hammerless, 30in. steel barrels, left choke, treble bite, flange lever action, straight projection, D. and E. fore-end, with patent hand detachable locks.



No. 117.

WESTLEY RICHARDS' No. 117. "SPECIAL Δ QUALITY DOUBLE HAMMERLESS GUN." Top lever cross-bolt action, 30in. Damascus barrels, finely bored, left choke, engine-turned rib, Deeley-Edge fore-end bolt, half-pistol grip, checkered walnut stock and fore-end. Named on barrels "Westley Richards and Co. Special Δ Quality." 12 gauge.



No. 119.

WESTLEY RICHARDS' No. 119. DOUBLE-BARREL HAMMER "SPECIAL" COLONIAL QUALITY GUN. Top lever, ball fence double bite action, cross-bolt action, Damascus barrels, left choke, engine-turned rib, Deeley Edge fore-end bolt, 2-pin steel locks, neat border engraving, half-pistol grip, checkered walnut stock and fore end. Shooting guaranteed. Named "Westley Richards and Co., Colonial Quality." Letter "T" and consecutive number on guard. 12 gauge.

WESTLEY RICHARDS' No. 118. Double barrel Hammer Gun, rebounding steel locks, W.R. steel or Damascus barrels, left choke, walnut stock and fore end, shooting guaranteed. Named "Westley Richards and Co. Grade," "The Universal." Letter "T" and consecutive number on guard. 12 gauge.

Single Barrel Breech Loading Guns.



No. 123.

J. O. MAYNE'S No. 123. Twist barrel, double grip, back action, low hammer, snap fore end, top lever, double bolted action.

I. HOLLIS' No. 124. Twist barrel, choke bore, steel rebounding lock, solid striker, low hammer, double bolt action, pistol grip, snap fore end, **engraved**.

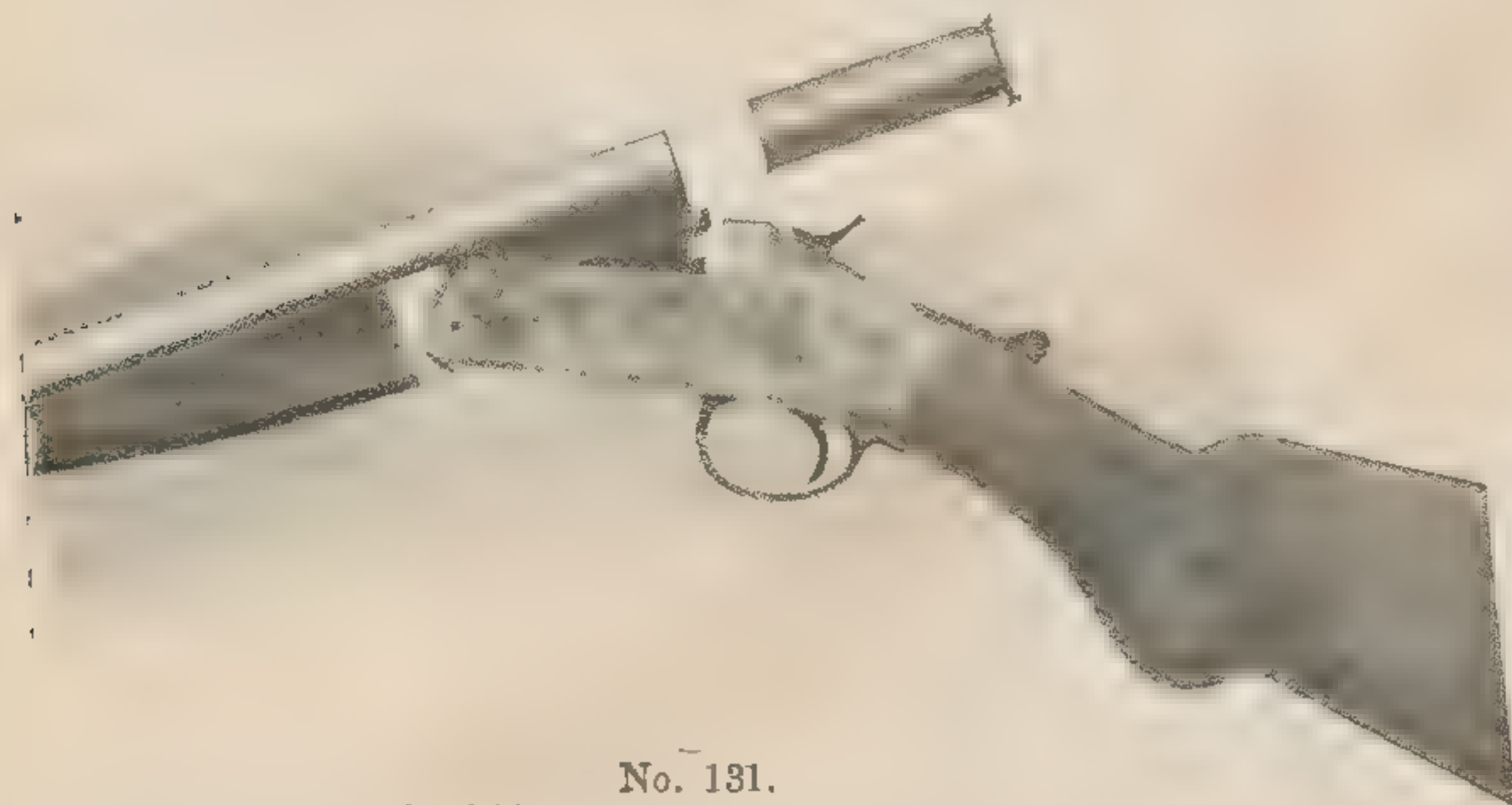
W. CASHMORE'S No. 125. Damascus barrel, top lever, double bolt, rebounding lock, pistol hand-stock, D. and E. fore end, choked.



No. 126.

BELGIAN. No. 126. Top lever, double bolt, twist barrel, back action rebounding lock, two springs, pistol walnut stock, rubber heel-plate, patent fore-end, checkered grip and fore-end.

BELGIAN. No. 127. Top lever, double bolt, steel barrel, back action lock, pistol walnut stock, rubber heel-plate, patent fore-end, checkered grip and fore-end, case hardened.

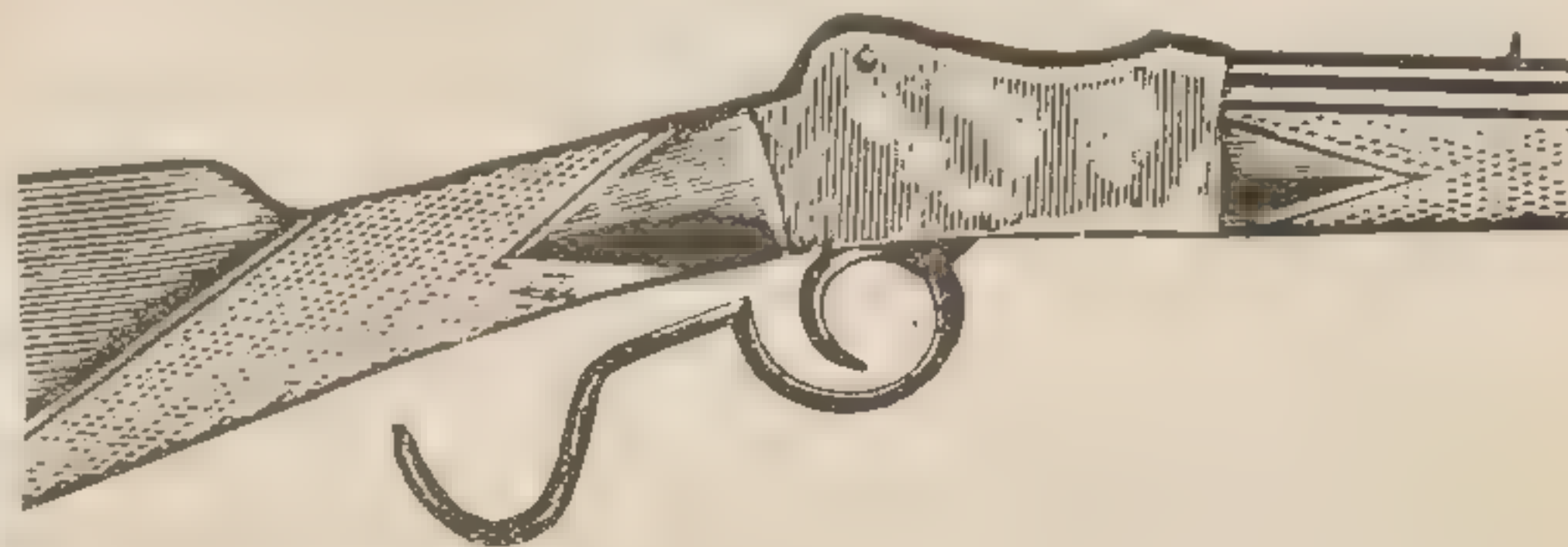


No. 131.

AMERICAN H. & R. No. 131. Fine walnut stock, hard rubber butt plate, semi-steel frame, case hardened, equipped with automatic shell ejector. Each gun is packed, taken down, in a neat pasteboard box. 12 and 16 gauge.

AMERICAN H. & R. No. 132. This gun is in every respect identical with our automatic ejecting gun, excepting that it has an extractor, which instead of entirely ejecting the shell, draws it well out, so that it can be easily removed with the fingers.

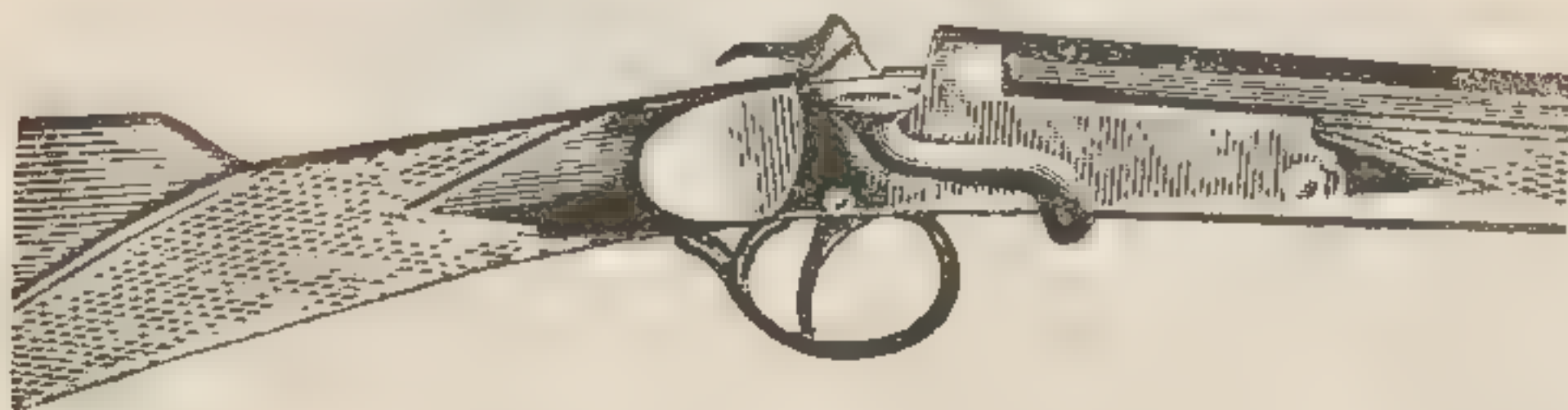
DAVENPORT. No. 132A. Similar to 131, but with reinforced breech, and proved for Nitro Powders. Branded "Powerful."



BELGIAN. No. 128. Martini action, steel barrels, half-pistol grip.
 " No. 129. Martini action, twist barrels, half-pistol grip.
 " No. 130. Chessapot bolt action.

Guns—Continued.

Collector Guns, 410 gauge.



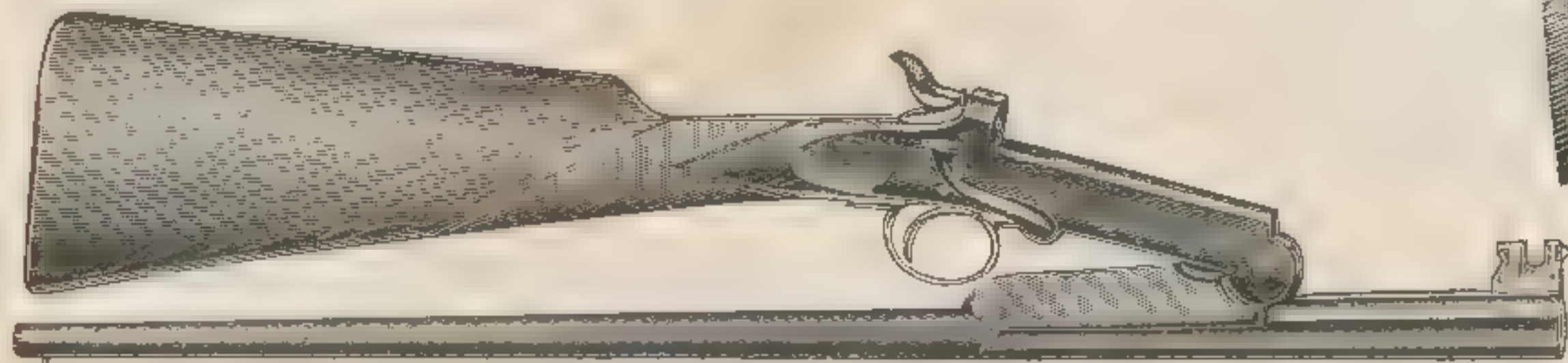
No. 133.

- I. HOLLIS' No. 133.** Double barrel, side lever, bar locks, engine-turned rib.
No. 134. Single barrel, side lever, bar locks.
BELGIAN. No. 135. Double barrel, back action locks, engine-turned rib, pistol grip.



No. 136.

- BELGIAN. No. 136.** Single barrel, lift-up breech, pistol grip.



No. 137.

- BELGIAN. No. 137.** Single barrel, side action, folding.
AMERICAN H. & R. No. 137A, similar to No. 132.

Double Barrel Muzzle Loading Guns.



No. 138.

- I. HOLLIS' No. 138.** Imitation twist, detached bar locks, checkered hand, neatly finished, with shoulders on fore-end.
BELGIAN. No. 139. Imitation twist, back action locks, checkered grip, escutcheon plate, polished mounting.
BELGIAN. No. 140. Imitation twist, with bar locks.
BELGIAN. No. 141. Patent breech, twist barrels, bar locks, checkered grip, escutcheon plate, walnut stock.

Single Barrel Muzzle Loading Guns.



No. 142.

- J. O. MAYNE'S No. 142.** Imitation twist, checkered hand and fore end, scroll engraved, ebony rod.
I. HOLLIS' No. 143. Real twist barrels, back action, ebony rod, checkered hand and fore-end, scroll engraved.
BELGIAN. No. 144. Patent Breech, blue polished steel barrels, checkered walnut stock, case hardened mountings.
BELGIAN. No. 145. Patent breech, twist barrels, bar action locks, walnut stock, engraved case-hardened mountings.

Rifles.



WINCHESTER. No. 146. Single Shot, 1902 Model, .22 calibre, R.F. peep or V sights, scroll trigger guard, vulcanite heelplate, made to handle 22 short and 22 long cartridges, weight 2½lb.



WINCHESTER. No. 147. Thumb Trigger Model Single Shot Rifle, .22 calibre, R.F. It has the same simple and reliable bolt action which made the 1902 model so popular. As its name indicates, the trigger, which is located on the upper side of the grip at the rear of the bolt, is operated by pressing down with the thumb.



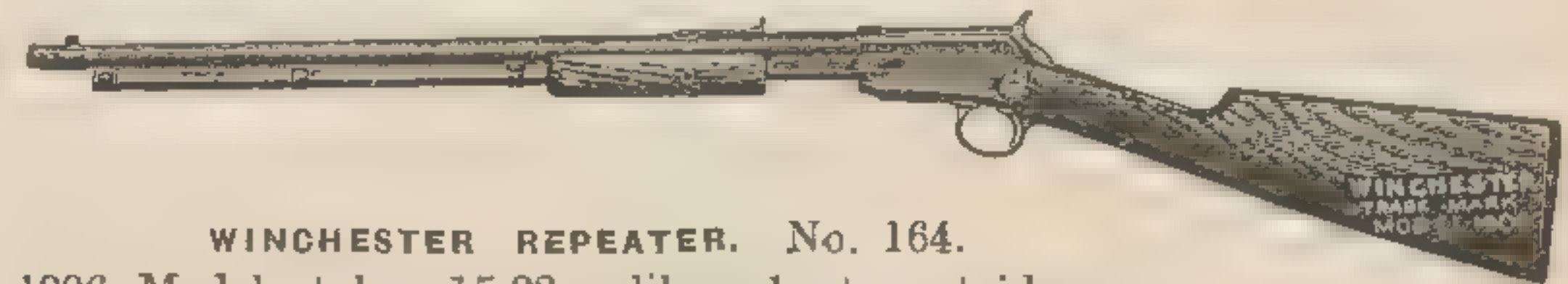
WINCHESTER. No. 148. Single Shot Rifle, 1904 Model. It has a 2lin. heavy round barrel, adjustable rear sight, bead front sight, Schultzen shaped stock 13½in. long, with a blued steel rifle butt plate, length over all 37½in., takes 22 short and 22 long cartridges, weight about 4lb.



WINCHESTER. No. 149. Repeater, 1890 Model. Take down, made for either 22 short, 22 long, or 22 W.R.F. cartridges. The best lightweight .22 calibre Repeating Rifle on the market; can be taken apart in an instant, and is an accurate strong shooting arm; weight 5½lb. Each rifle takes one size cartridge only.



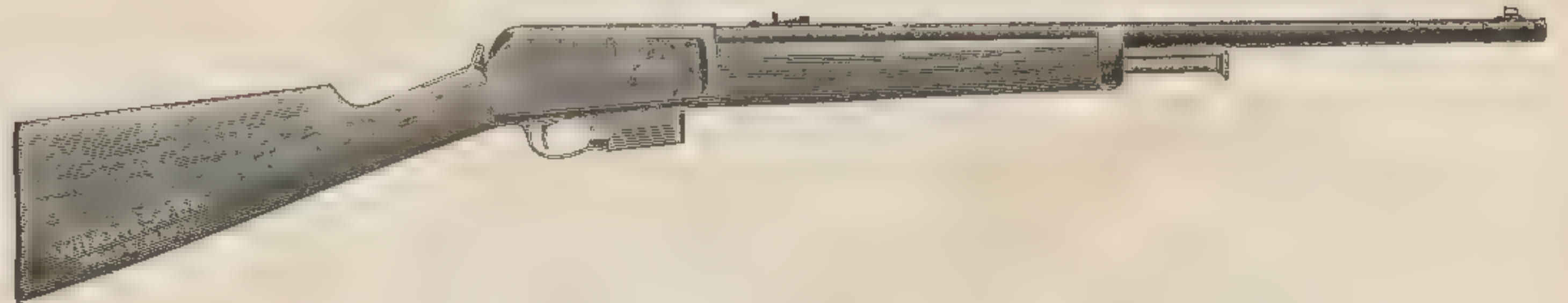
WINCHESTER No. 150. Automatic Repeating Rifle, .22 calibre, 1903 Model. Takes 10 cartridges, simple in construction and operation. The rifle can be fired as fast as the trigger can be pulled, 20in. blued steel barrel, fitted with open front and rear sight, length of rifle overall 36in., weight 5½lb.



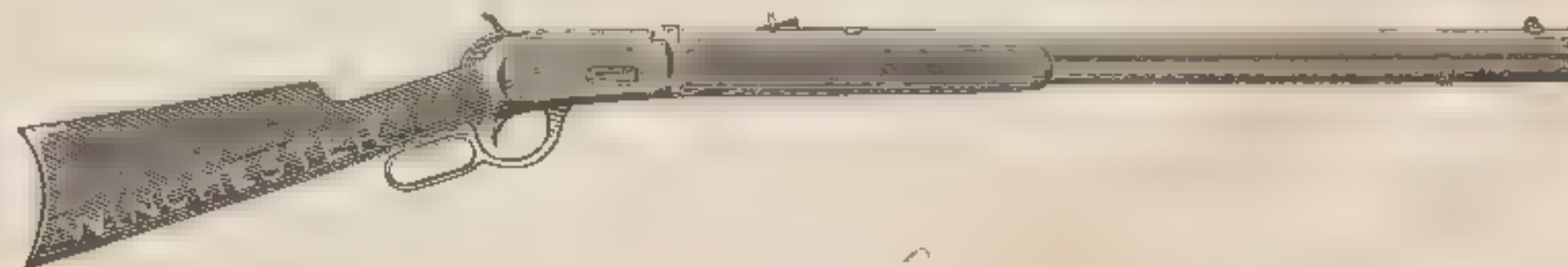
WINCHESTER REPEATER. No. 164. 1906 Model, takes 15.22 calibre short cartridges, 20in. round barrel, fitted with sporting foresight, and an adjustable open rear sight, 36in. overall, weight about 5lb.

164A. Similar to 164, but takes short, long, or long rifle cartridges.
LEE-ENFIELD RIFLES. No. 165. .303 calibre. B.S.A.A. Co. and Westley Richards.

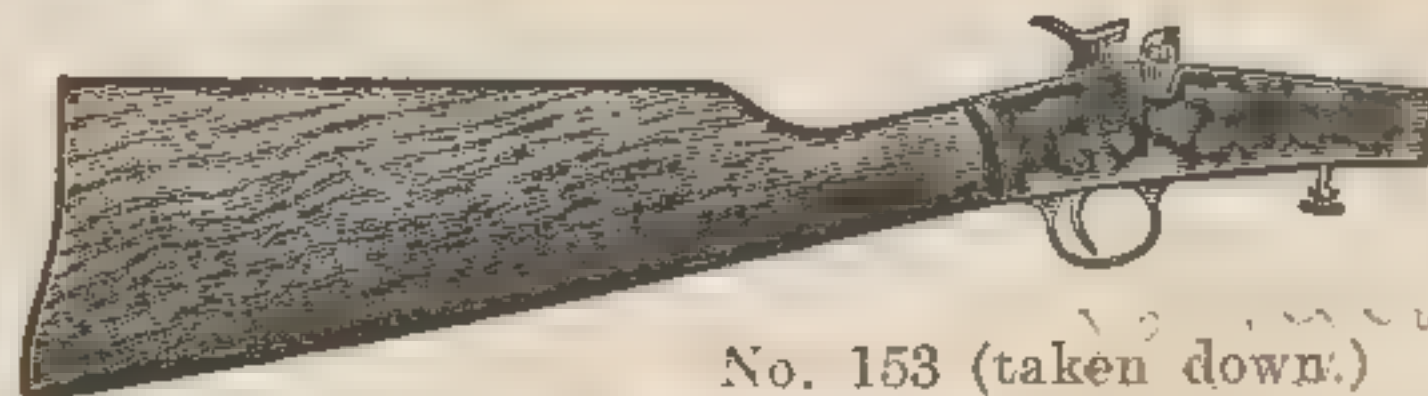
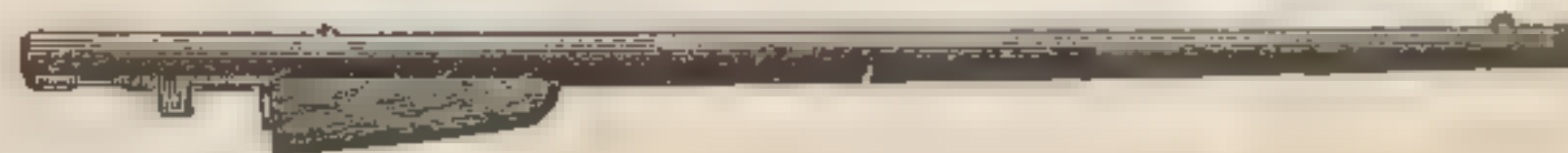
Rifles—Continued.



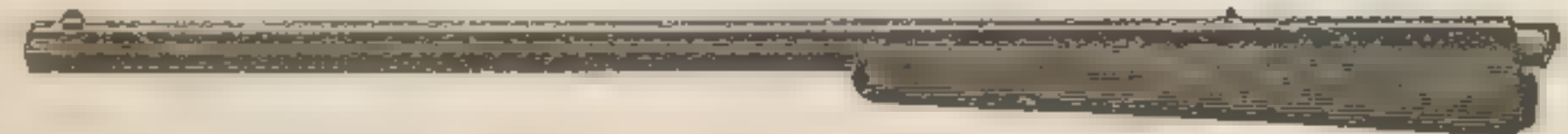
WINCHESTER. No. 151. Automatic Repeating Rifle, 1905 Model. .35 calibre, C.F., 5 shot, similar in appearance to the .22 calibre Automatic, 22in. barrel, length overall 40in., weight about 7½lb.



WINCHESTER. No. 152. Repeating Rifle, 1892 Model, C.F., 25/20, .32, .38, or .44 calibre, half or full magazine, 24in. barrel, weight about 7lb., octagon barrel.



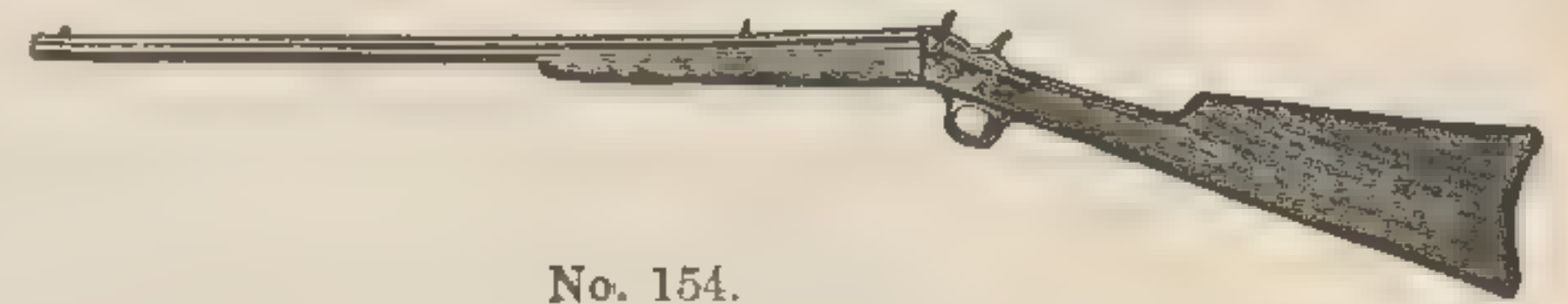
No. 153 (taken down.)



No. 154 (taken down.)



No. 153.



No. 154.

REMINGTON. No. 153. Single Shot Rifle, No. 6 take down, .22 calibre, R.F., 20in. round barrel, weight 3½lb.

WINCHESTER. No. 155. Single Shot Rifle C.F., .22, 25/20, .32, .38, .44 calibres, 28in. barrel, weight about 7lb., octagon barrel.

WINCHESTER. No. 156. Sporting Rifle, 1895 Model. .303 calibre, box magazine, 28in. round nickel steel barrel, weight 8½lb.

BAYARD. Rifle. No. 160. "Improved," Single Shot, .22 calibre, 20in. octagon barrel, sighted for 300 yards.

PEIPER. No. 161. Martini action, C.F., .22, .32, .38, .44 calibre. 24in. octagon barrel, weight about 5lb., sighted for 300 yards.

QUACKENBUSH. No. 162. .22 calibre, nickel or blue barrel, 18in. long, weight 4½lb.

SALOON RIFLES. to take No. 1, 2, or 3 bulleted or shotted caps.

REMINGTON. No. 154. Single Shot Rifle, No. 4, take down, .22 calibre, R.F., octagon barrel, 22½in. long, weight 4½lb. This rifle has automatic shell ejector.

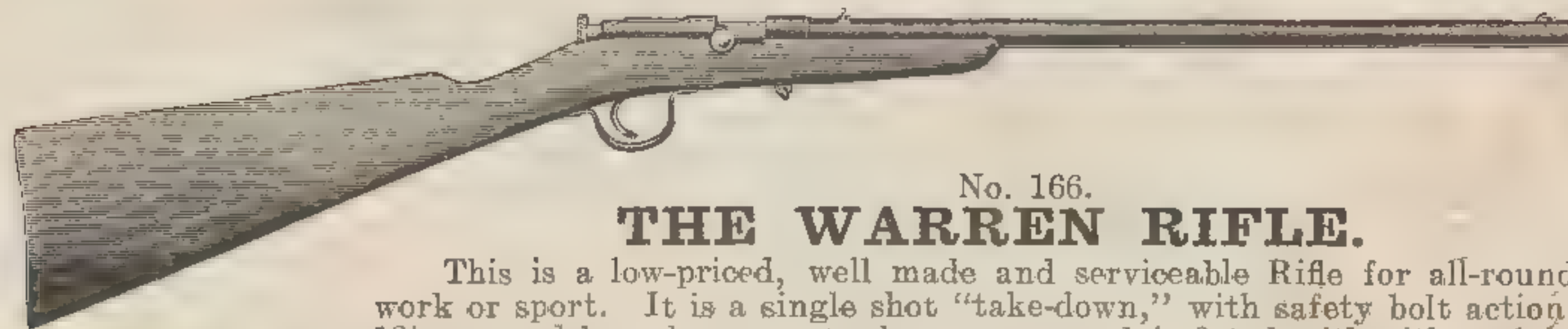
WINCHESTER. No. 157. Repeating Carbines, 1892 Model, C.F., 25/20, .32, .38 or .44 calibre, half or full magazine, 20in. round barrel, weight about 5½lb.

REMINGTON. No. 158. Single Shot Rifle, No. 4, 32 calibre, R.F., similar to No. 154.

Rifles and Air Guns.



GEM AIR GUN.
Similar to No. 168,
better finish.

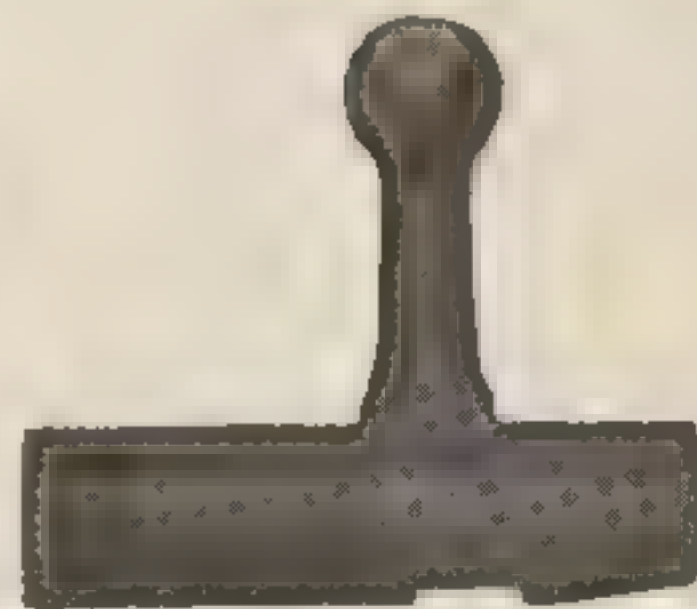


No. 166.

THE WARREN RIFLE.

This is a low-priced, well made and serviceable Rifle for all-round work or sport. It is a single shot "take-down," with safety bolt action, 18in. round barrel, guaranteed accurate, and is fitted with either plain V back sight or Winchester sliding sight to 300 yards.

Will accommodate 22 short, long or extra long R.F. cartridges, and weighs only 2½lbs.



Bolt.

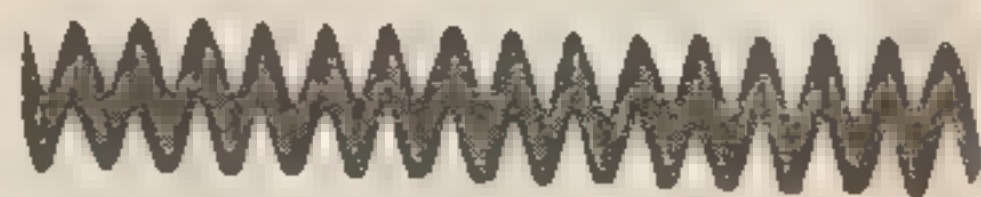


Fore End Screen.



Plunger.

Screw Disc.



Main Spring.



Thumb Nut.



Trigger.



Trigger Spring.

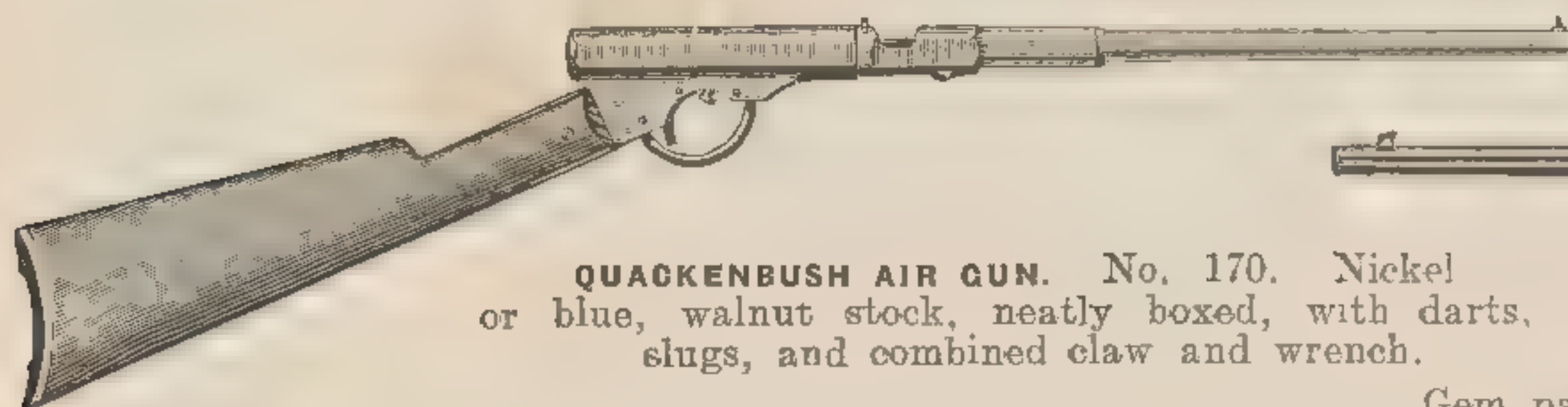


Extractor.

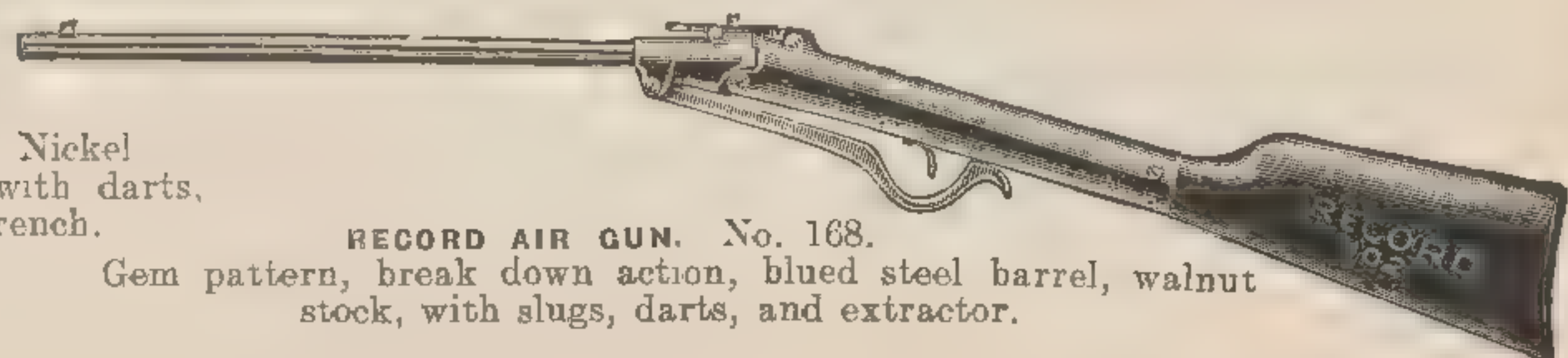
Warren Rifle Parts.



DAISY AIR GUN. No.
167. For darts, B.B.
shot, or slugs.

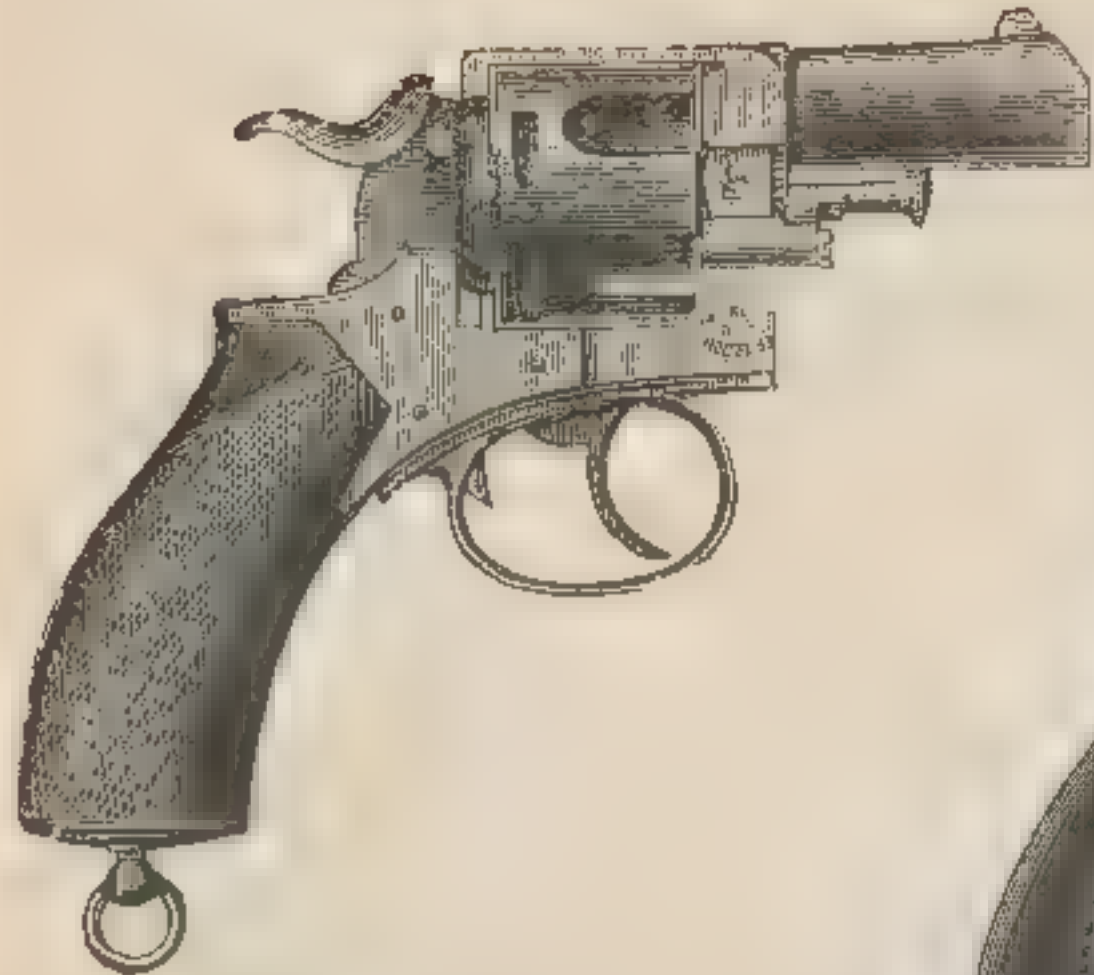


QUACKENBUSH AIR GUN. No. 170. Nickel
or blue, walnut stock, neatly boxed, with darts,
slugs, and combined claw and wrench.



RECORD AIR GUN. No. 168.
Gem pattern, break down action, blued steel barrel, walnut
stock, with slugs, darts, and extractor.

Revolvers.



WEBLEY REVOLVER, R.I.C.
No. 192. .450 calibre,
double action, 5-shot, blued,
weight 18oz.

WEBLEY REVOLVER, No. 2.
No. 187. .380 calibre,
double action, 5-shot, blued,
weight 13oz.



BULLDOG REVOLVER. No. 174. .320, .380,
or .450 calibre, nickel or blued, double
action.



H. & R. AUTOMATIC DOUBLE ACTION REVOLVER.
No. 173.
.32 calibre, 6-shot, .38 calibre, 5-shot, 3½in. bar-
rel, nickel, weight 17½oz.

POCKET PISTOL. No. 176. Nickel-plated barrel, takes B.B. cap.
POCKET PISTOL. - No. 177. Similar to above, but with extractor.
GOLT'S DERRINGER PISTOL. No. 178. Nickel-plated, .41 calibre, R.F.,
self-ejecting, 6½oz.

UNION REVOLVER. No. 179. .22 R.F., 7-shot, single action, nickel-
plated, 2½in. barrel, weight 7oz.

VEST POCKET REVOLVER. No. 180. Safety hammer, 6-shot, double
action, nickel, weight 5oz.



YOUNG AMERICA REVOLVER.
No. 171. .22 R.F., 7-shot, double
action, nickel, 2in. barrel,
weight 8½oz.

BICYCLE REVOLVER. No. 181. .32 C.F., D.A., automatic shell eject-
ing, 5-shot, 2in. barrel, effective and reliable, barrel, cylinder, and all
working parts are made of the best forged steel.

X.L. REVOLVER. No. 182. .32 C.F. or R.F., double action, 2½in.
nickel barrel, weight 10½oz.

H. and A. REVOLVER. No. 183. .38 C.F., double action, 5-shot,
2½in. barrel, nickel, weight 14oz.

S. and W. PATTERN REVOLVER. No. 184. .320 and .380 calibre,
automatic ejector, 3½ barrel, weight 14oz.



H. & R. REVOLVER. No. 186.
.32 C.F., double action, 6-shot,
2½in. barrel, nickel, weight
16oz.

H. & R. REVOLVER.
No. 185. Hammerless automatic,
shell-ejecting .32 and .38 cali-
bre, 5-shot, 3in. barrel, nickel.

REVOLVERS—Continued.

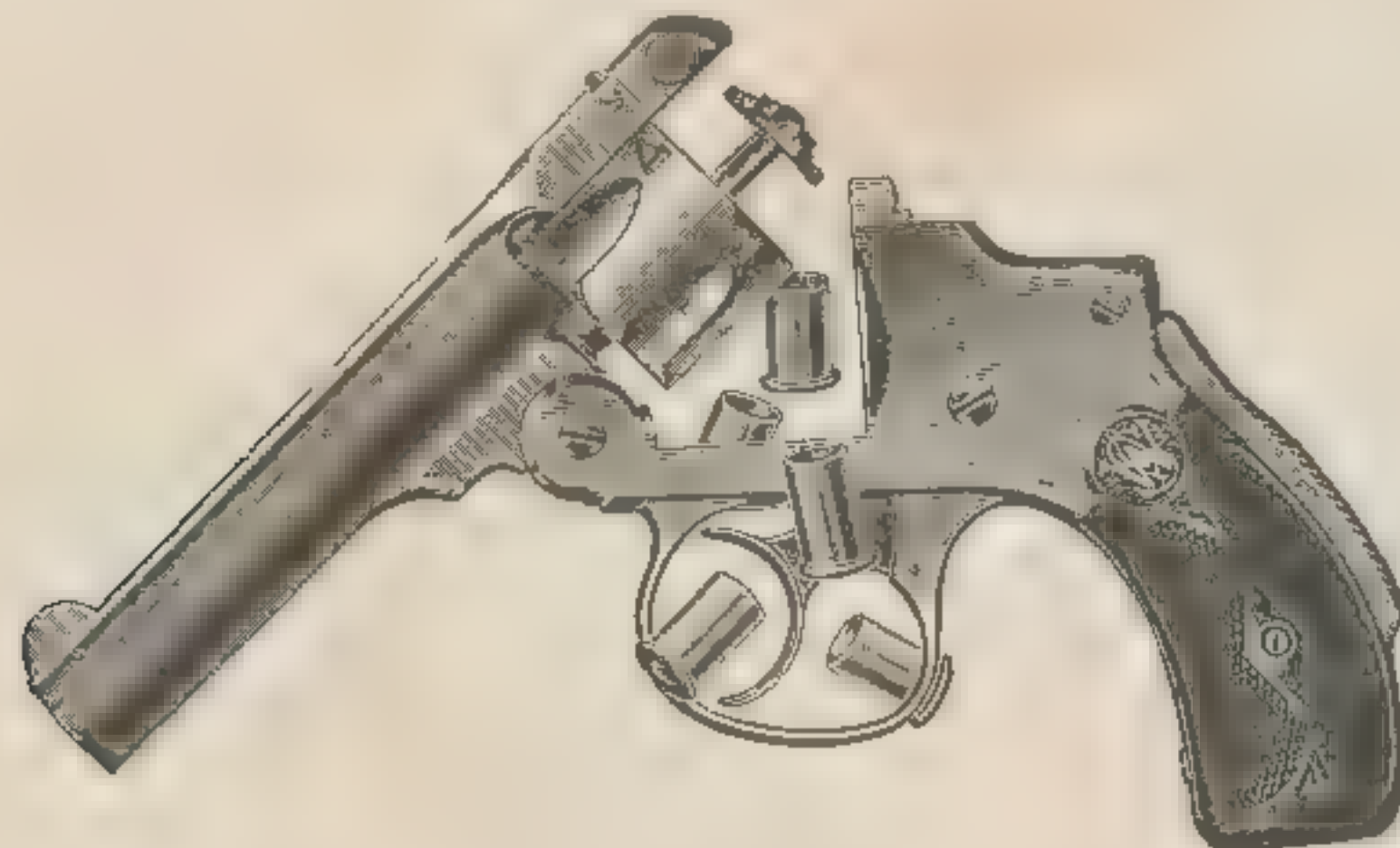


BROWNING PISTOL.
No. 188. 7-shot automatic self-ejecting, blued, length of barrel 4 in., length over all 6 in., weight 1 lb. 7 oz. The Browning Pistol is not only an improvement upon the revolver, but it is also the simplest, surest, and most practical of all pistols. Remarkable for its accuracy, rapidity of fire, and compactness.
No. 88a. Similar to No. 188, but half the size, for vest pocket.



SMITH AND WESSON REVOLVER. No. 190. Automatic ejecting, double action, .32 calibre, 5-shot, nickel finish, 3 in. barrel, weight 13 oz.

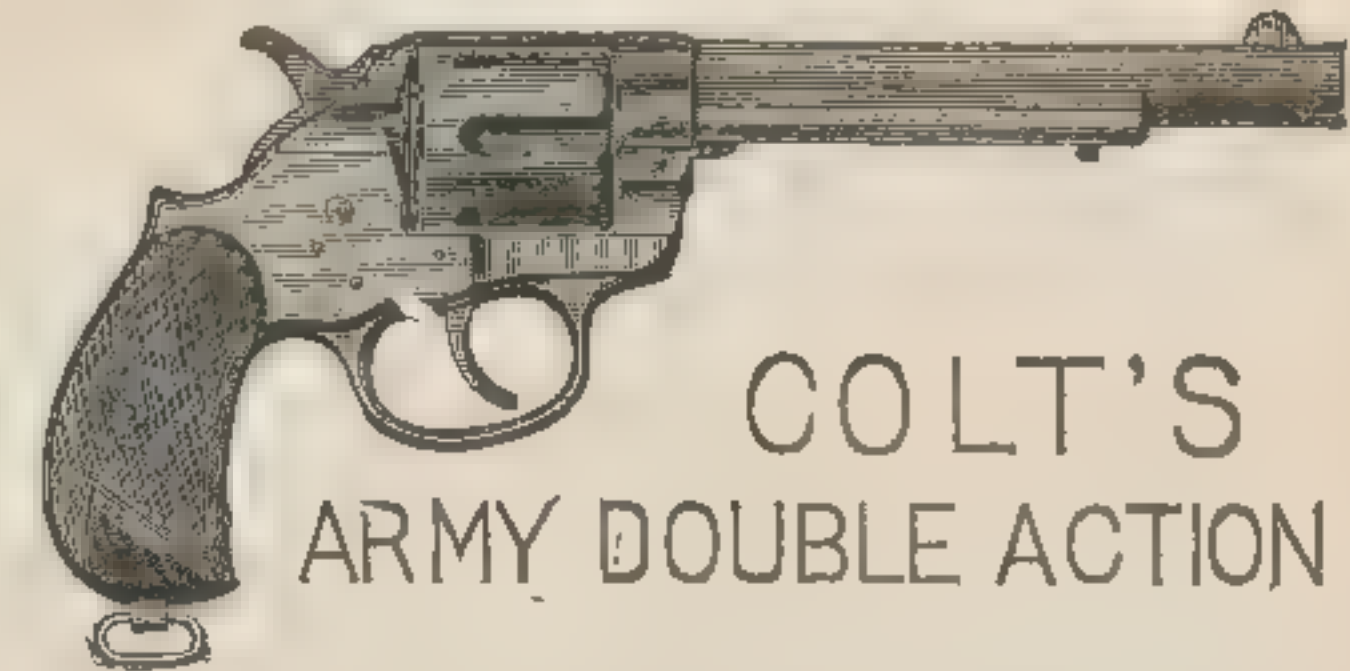
SMITH AND WESSON. No. 175. Similar to No. 190, .38 calibre, 5-shot, 3½ in. barrel, weight 17 oz.



SMITH AND WESSON REVOLVER. No. 191. "New Departure" safety hammerless, .32 and .38 calibre.



COLT'S NEW POCKET REVOLVER.
No. 172. Double action, .32 calibre, 6-shot, jointless solid frame, simultaneous ejection, blued finish, 2½ in. barrel, weight 14 oz.

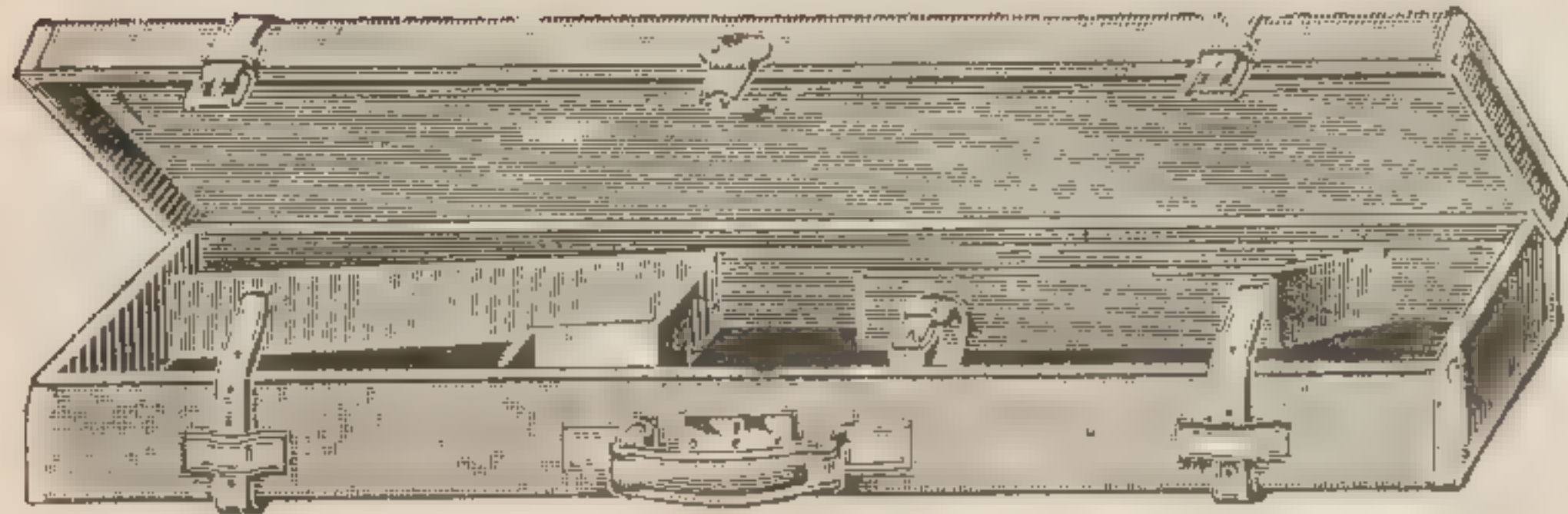


COLT'S NEW NAVY OR ARMY REVOLVER. No. 189. Double action, .38 calibre, 6-shot, jointless solid frame, simultaneous ejection, blued finish, 6 in. barrel, weight 2 lb.



VEST POCKET REVOLVER. No. 180. Safety Hammer, 6-shot, double action, nickel parts, weight 5 oz.

Gun Cases and Game Bags.



- No. 197.—Square brown canvas, lined, leather bound, with spring lock and straps.
 No. 198.—Full length, tan duck, flannel-lined, leather bound, leather handle.
 No. 199.—Full length, heavy tan duck, flannel-lined leather bound, loop handle, lock and muzzle protected with leather, moulded ends.
 No. 200.—Full length, tan duck, flannel-lined, leather bound, leather sling strap.
 No. 201.—Full length, heavy tan duck, flannel-lined, leather bound, lock and muzzle protected with leather, adjustable combination sling and handle, moulded leather ends.
 No. 202.—Victoria gun case, tan duck, flannel-lined, leather bound, with rod pocket.
 No. 203.—Victoria gun case, as above, but folded.

COVERS FOR BROWNING'S AUTOMATIC SHOT GUN'S.

- No. 208.—Similar to No. 198.
 No. 209.—Similar to No. 201, but extra heavy.
 No. 210.—Similar to No. 203.
 No. 211.—Victoria shape, extra heavy tan duck, heavy flannel-lined, leather bound, lock and muzzle protected with leather, moulded leather ends.
 No. 212.—Leg o' mutton shape, heavy russet leather, nickel trimmings, flannel-lined, lock buckle, handle and sling, rod pocket.
 No. 213.—Leg o' mutton shape, heavy russet leather, brass trimmings, flannel-lined, lock buckle, handle and sling, rod pockets.

GAME BAGS.

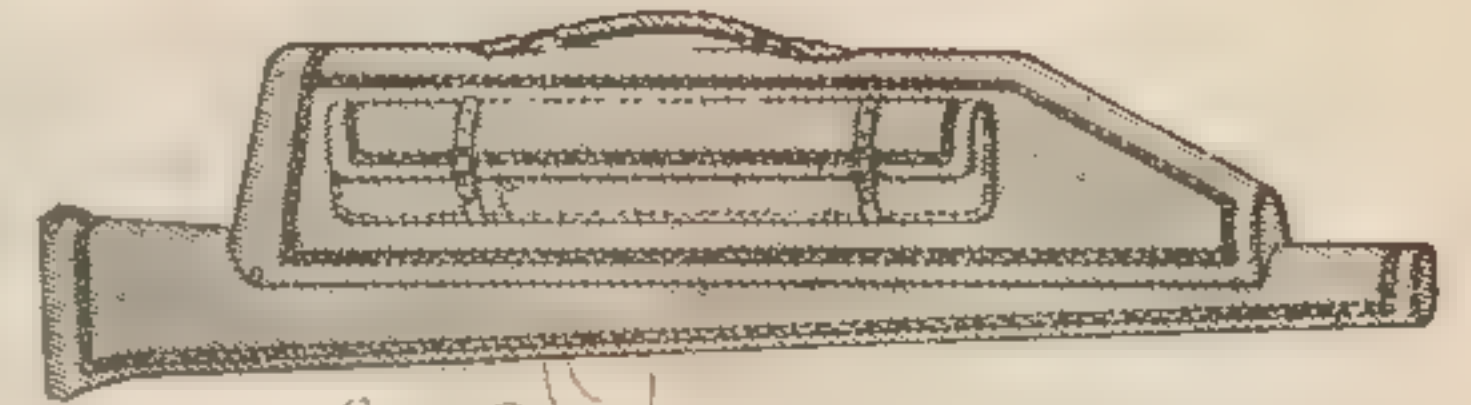
- No. 214.—Strong tanned canvas, with web sling and net, without flap, size 16 x 14.
 No. 215.—Strong tanned canvas, with web sling, net and flap, size 16 x 14.
 No. 216.—"The Sandringham," thoroughly waterproof, also makes good fishing bag, with web sling, net flap, size 17 x 12.

No. 193. — Square brown canvas, lined with lock and straps.

No. 194. Square brown canvas, lined, with Brass Corners Lock and straps.

No. 195. — Square Brazil leather, lined, with lock and straps.

No. 196. — Square, solid leather, lined, with lock and straps.



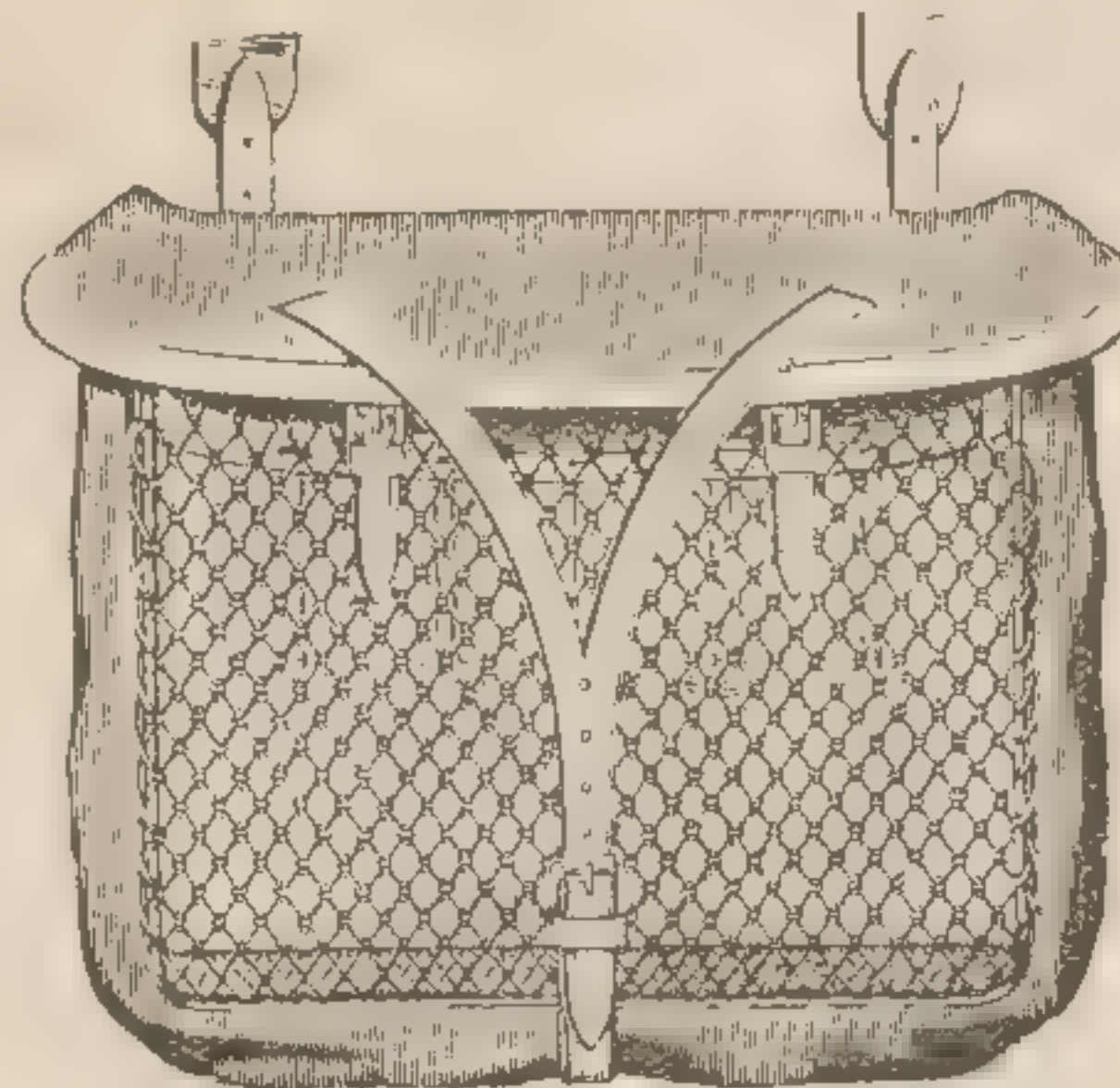
No. 204. Victoria Gun Case, heavy russet leather, with rod pocket.



No. 205.—Leg o' mutton gun case, heavy pebbled black leather, nickel trimmings, flannel-lined, hat box lock, handle sling.

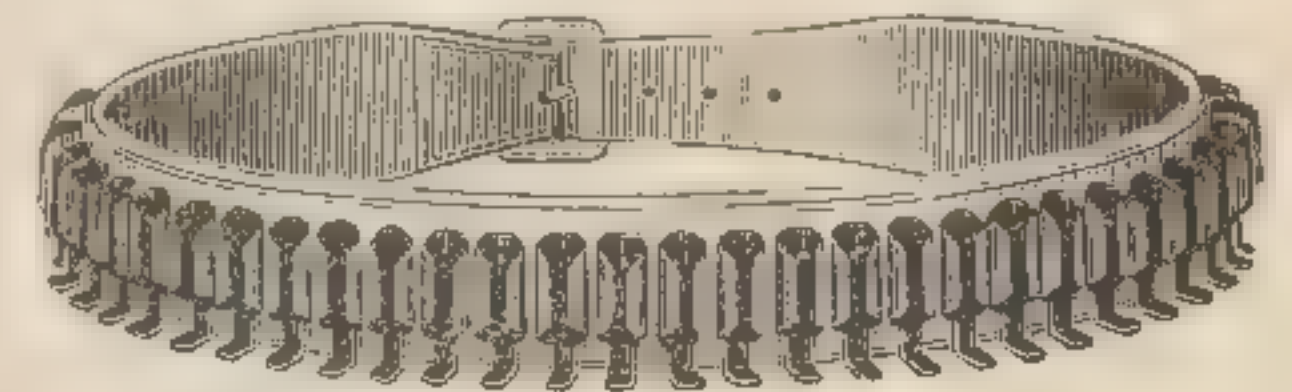
No. 206.—Victoria gun case, extra heavy tan duck, heavy flannel-lined, leather bound, with rod pocket, moulded ends.

No. 207.—Leg o' mutton gun case, pegamoid leather, leather handle and sling, flannel-lined, strap and buckle fastening.



GAME BAG.

No. 217.—"The Empress," strongly made in moleskin, leather lined, with net gussets and flap, size 16 x 14.



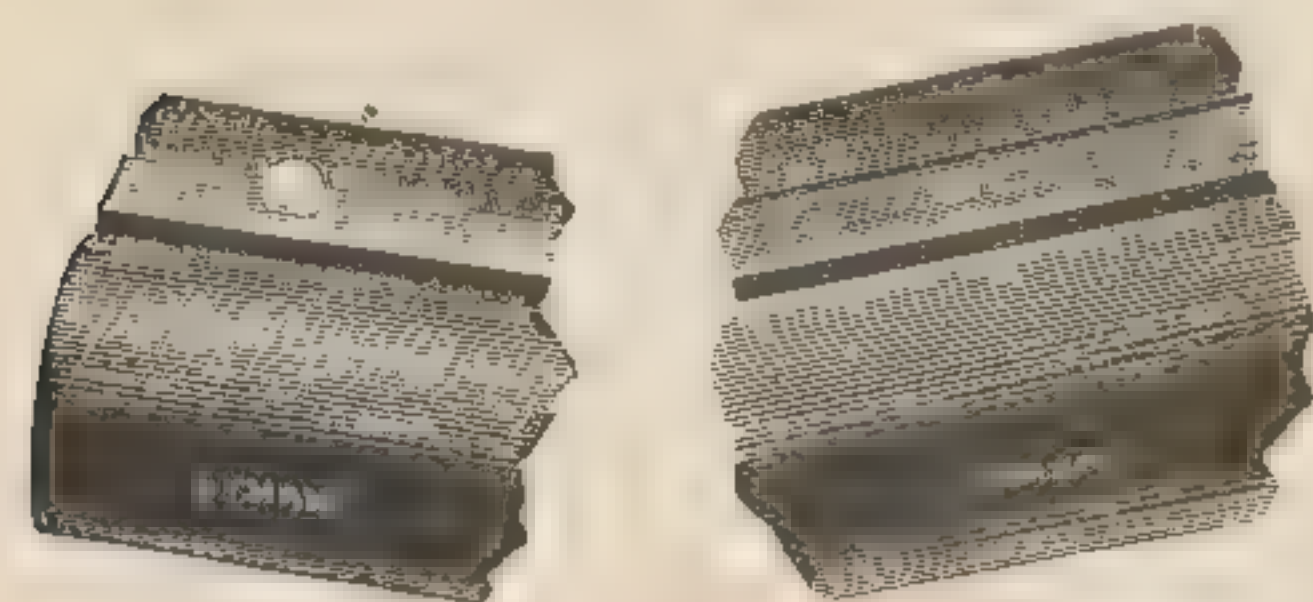
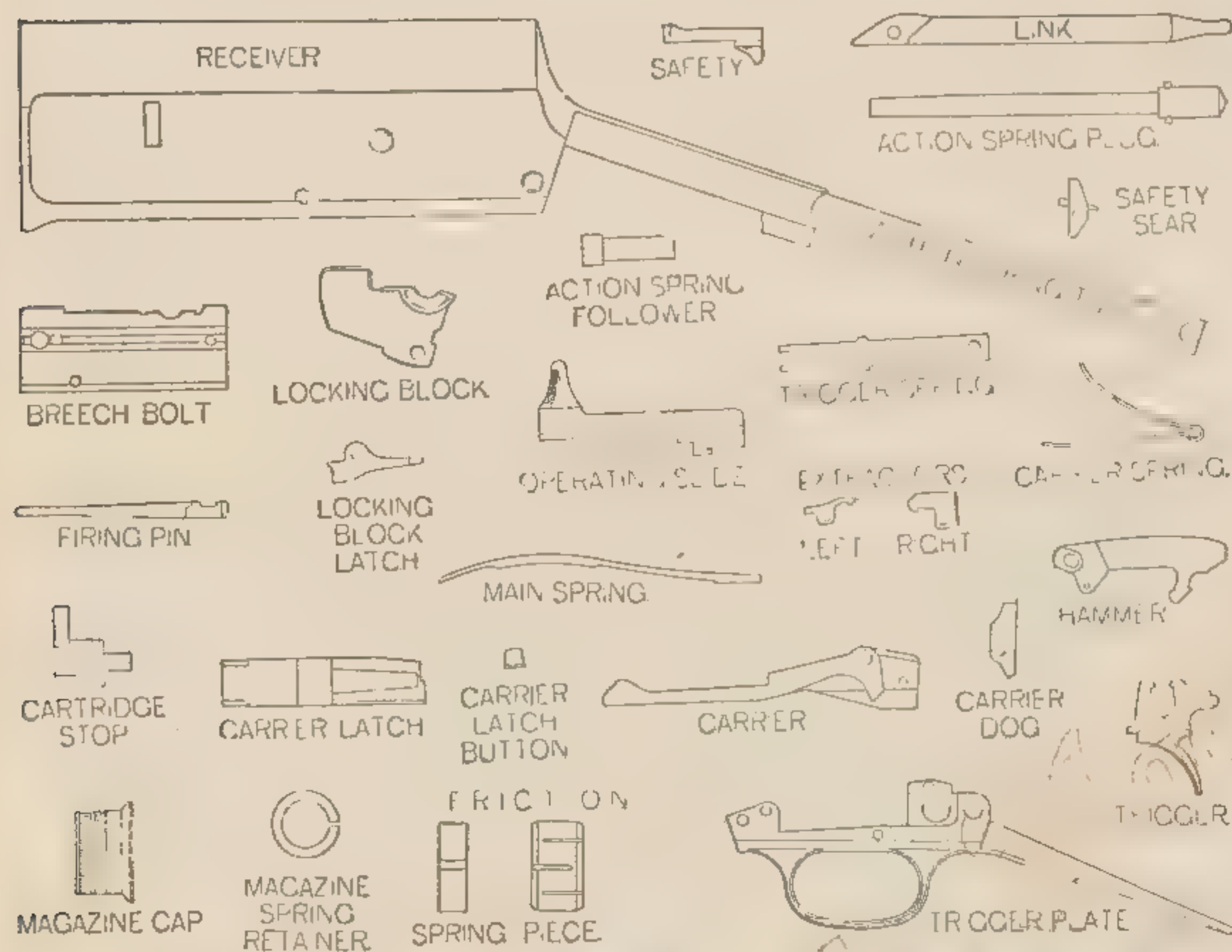
CARTRIDGE BELT.



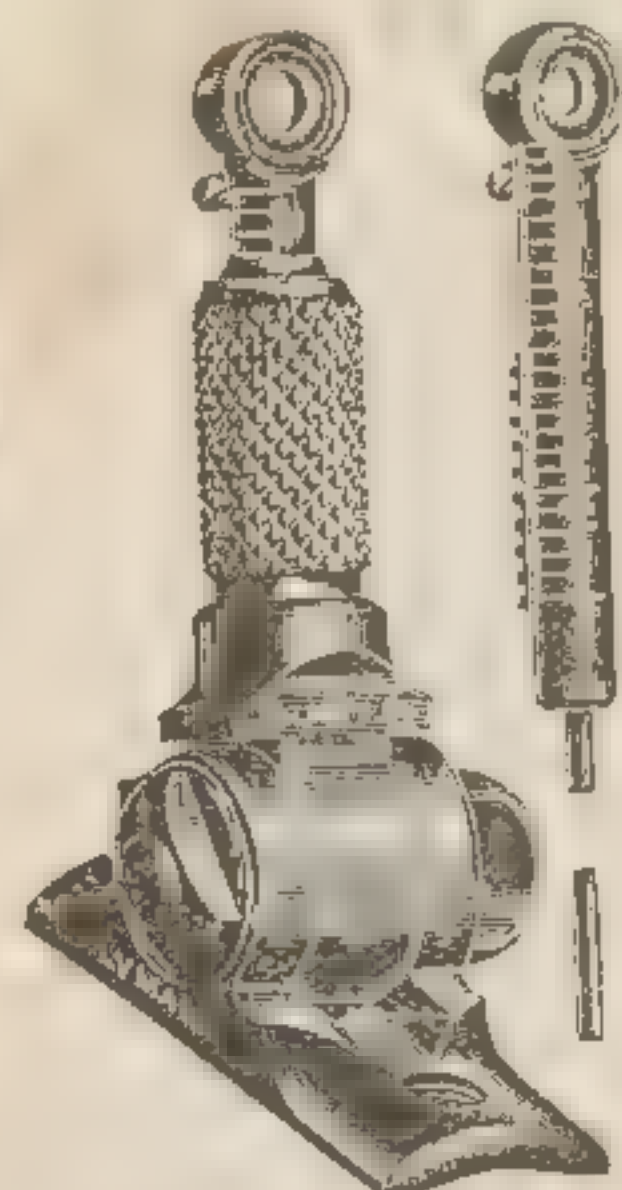
CARTRIDGE BAG.
to hold 50, 75, 100 cartridges.

Gun and Rifle Parts and Sights.

Component Parts of the Browning Automatic Shotgun.



LYMAN'S IVORY BEAD SHOT GUN SIGHTS, FRONT AND REAR.



LYMAN'S COMBINATION REAR SIGHT.

WINCHESTER RIFLE PARTS, 1894 MODELS.



WINCHESTER REAR SIGHT, 1890.

LYMAN'S IVORY COMBINATION FRONT SIGHT.



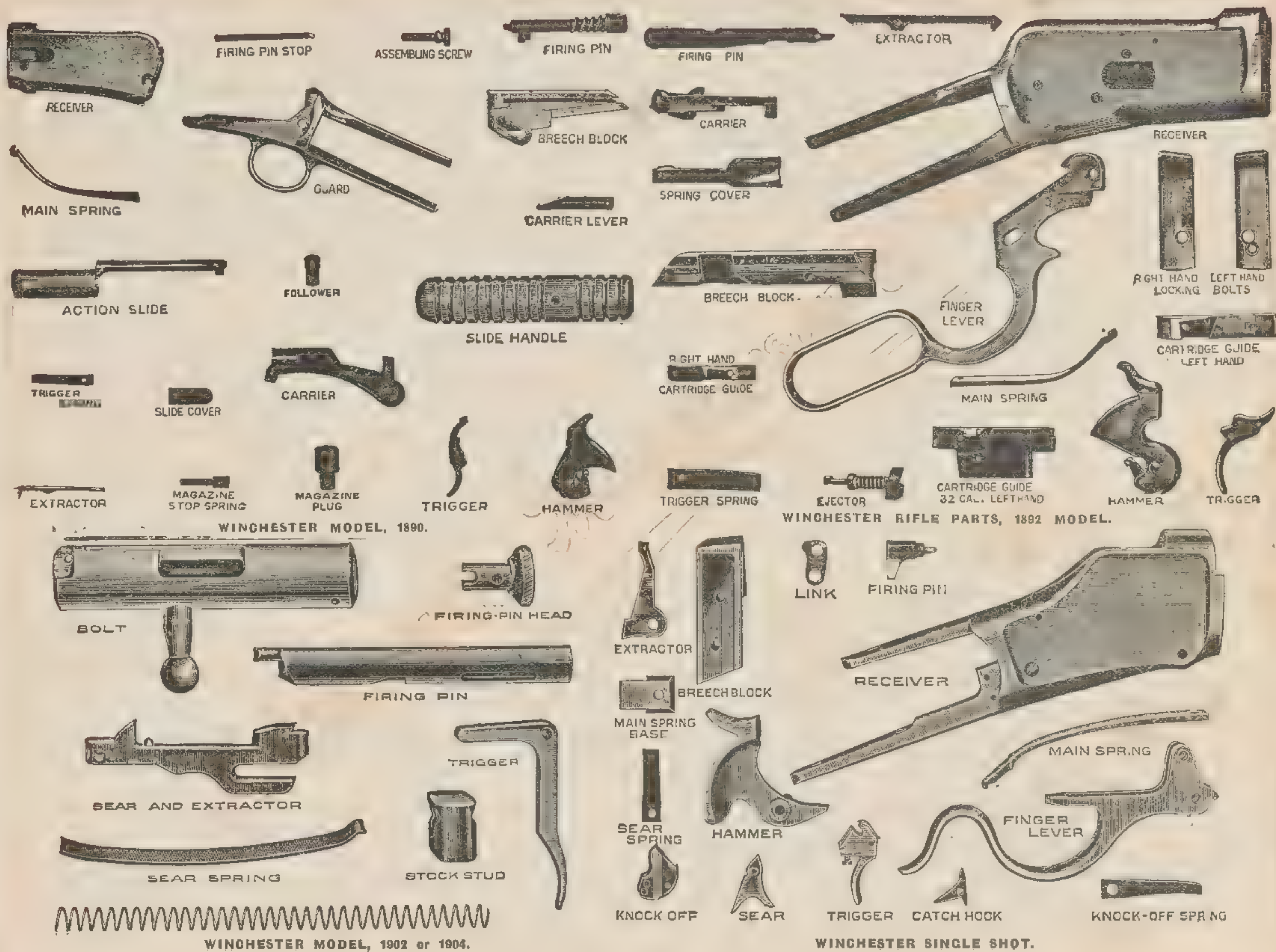
WINCHESTER REAR SIGHT, 1892.



WINCHESTER ROCKY MOUNTAIN SIGHTS, FRONT, SIDE.

WINCHESTER SPORTING FORESIGHT.

WINCHESTER FORESIGHT.



Rifle Requisites.



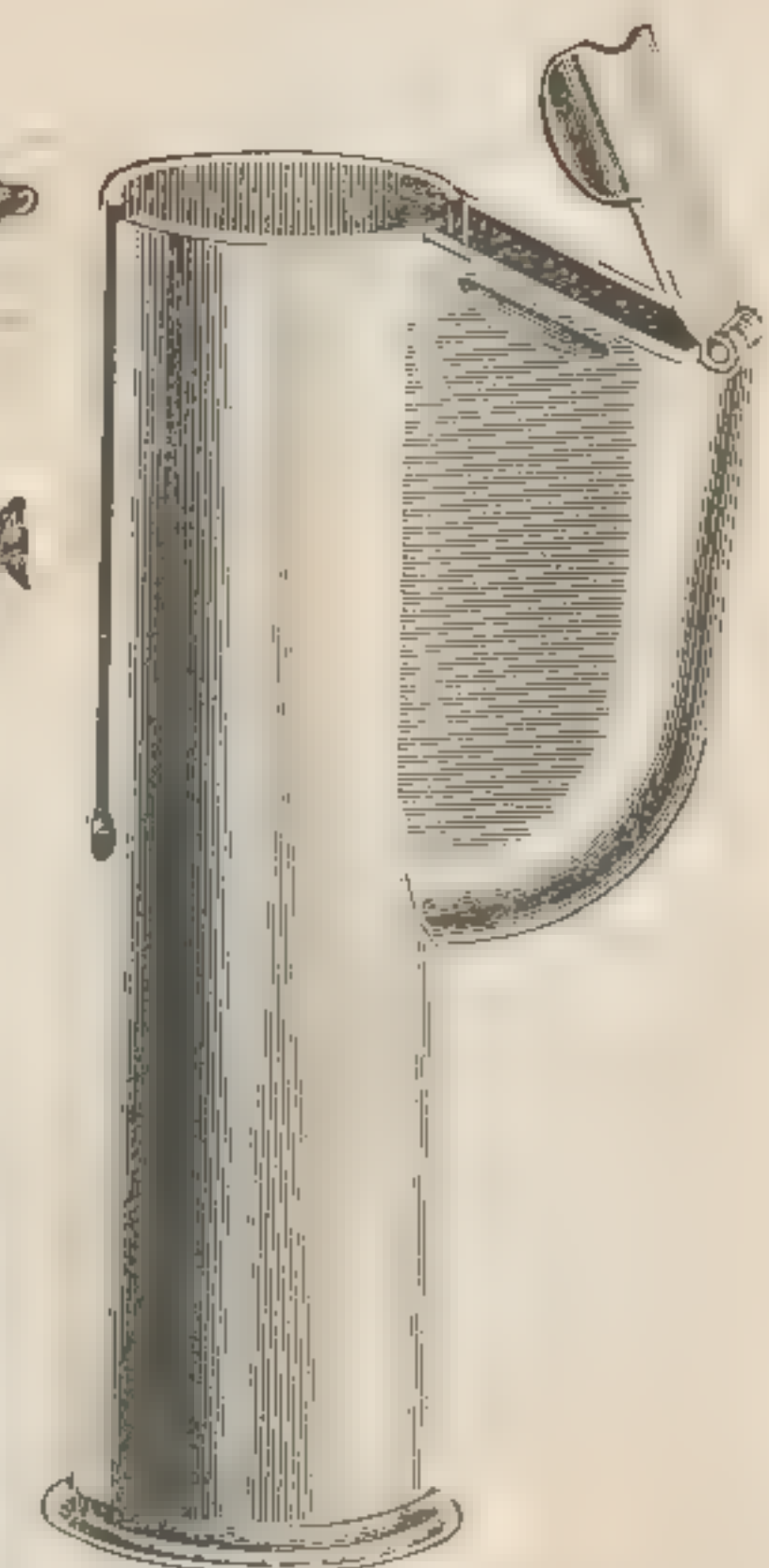
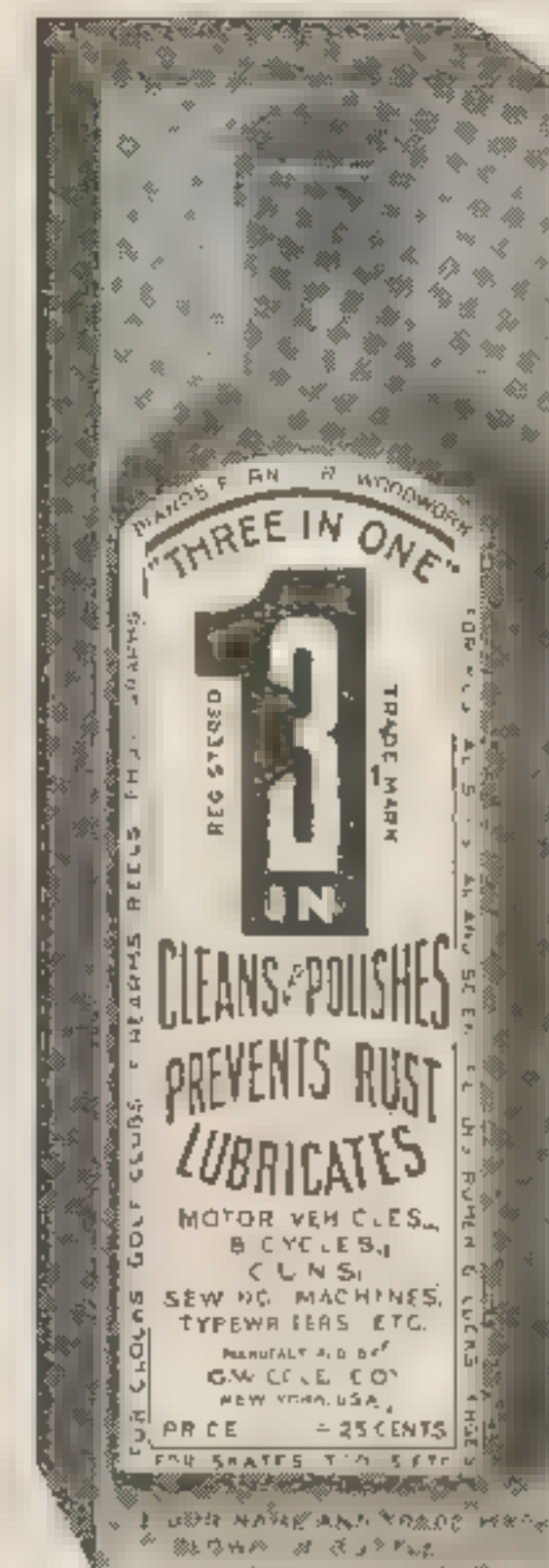
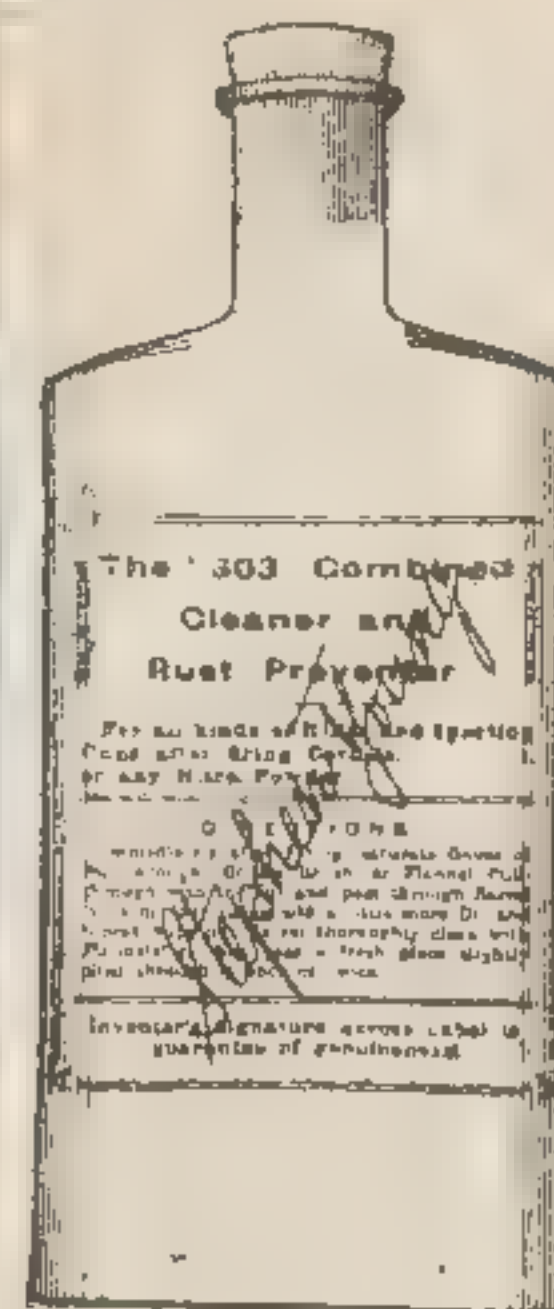
CLEANING RODS.



FORESIGHT PROTECTOR.



SCOURER.



FORESIGHT PROTECTOR.



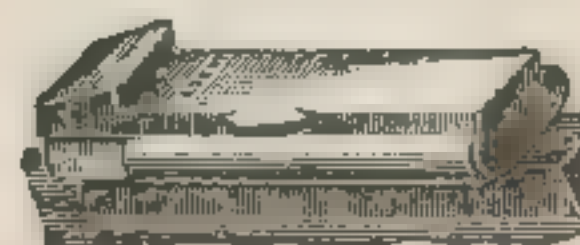
FORESIGHT PROTECTOR.



REAR SIGHT PROTECTOR.

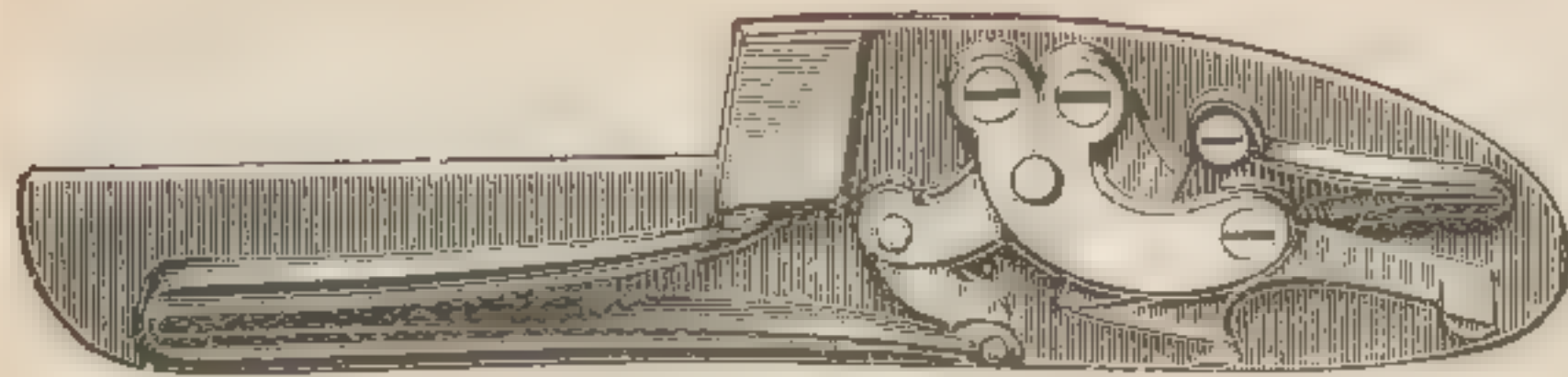


BRISTLE BRUSH.

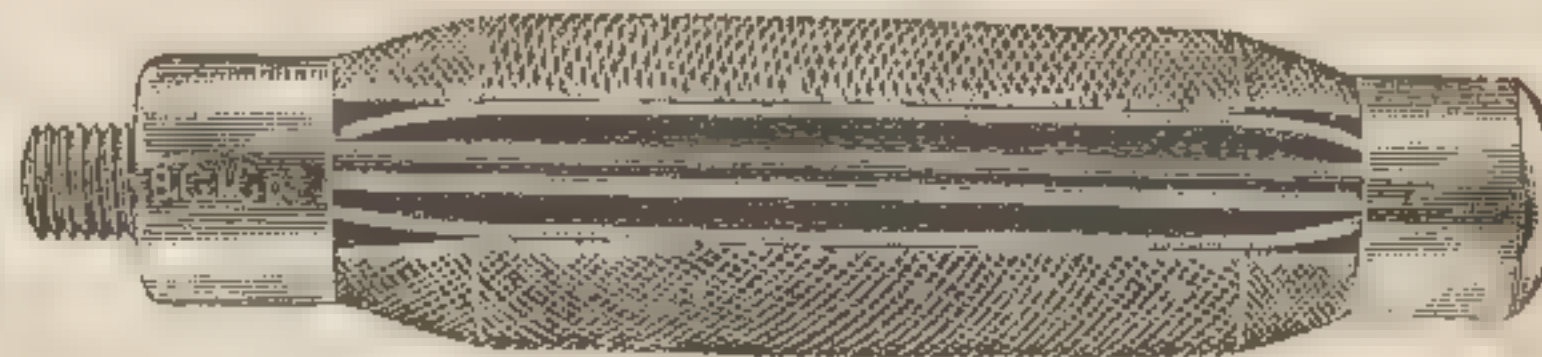


REAR SIGHT PROTECTOR.

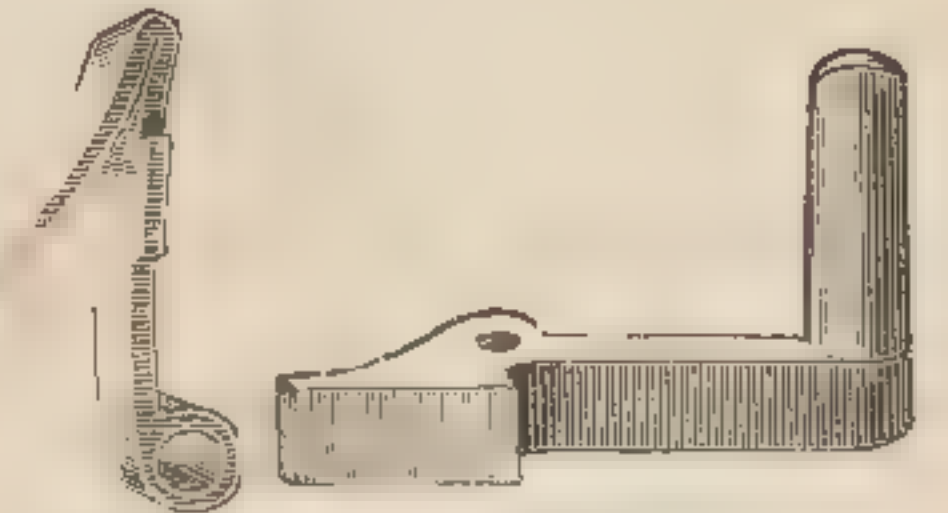
Gun and Rifle Requisites.



B. L. LOCK.

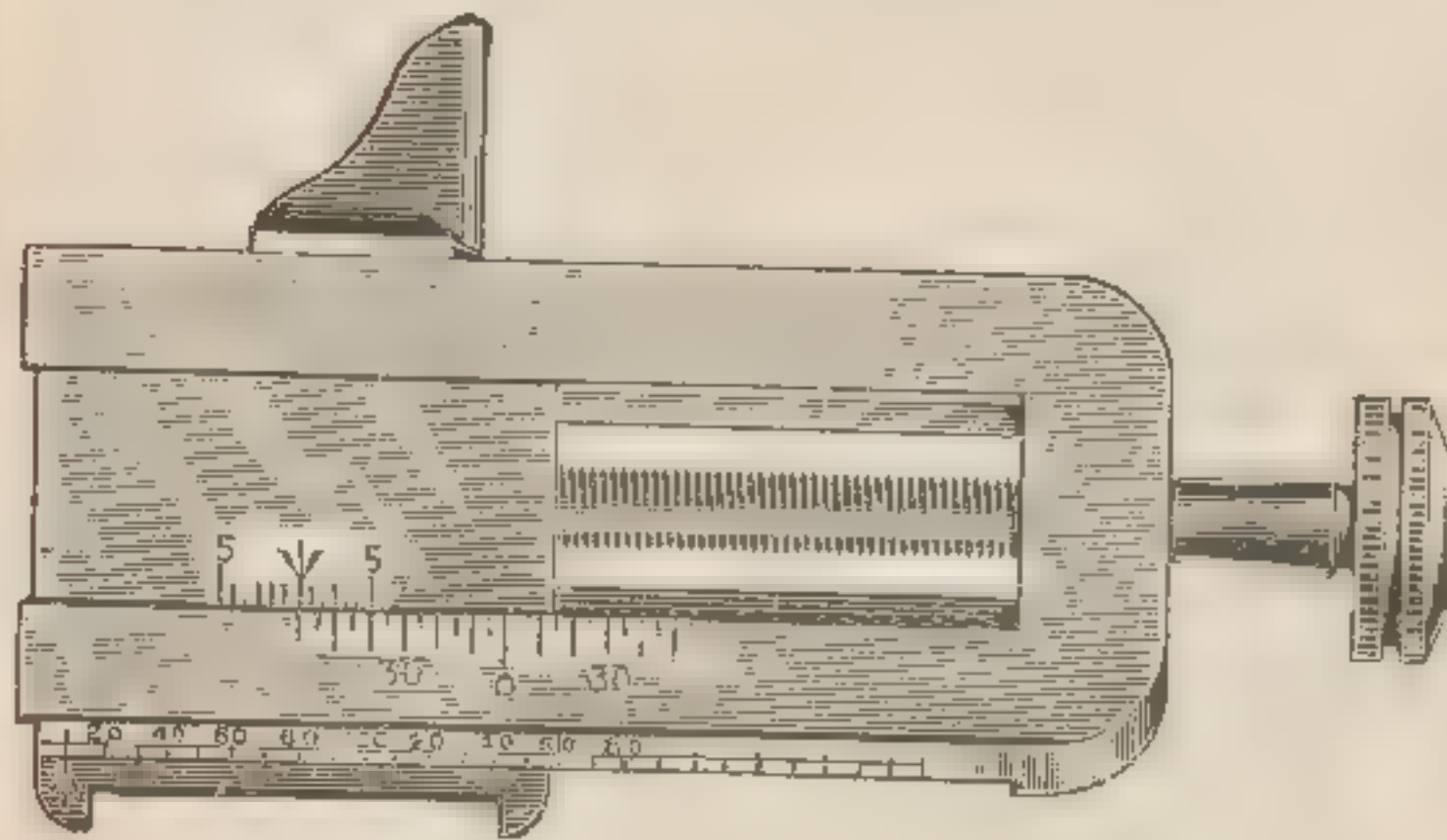


TOMLINSON'S
PATENT GUN CLEANER.



SEAR SPRING

SEAR.



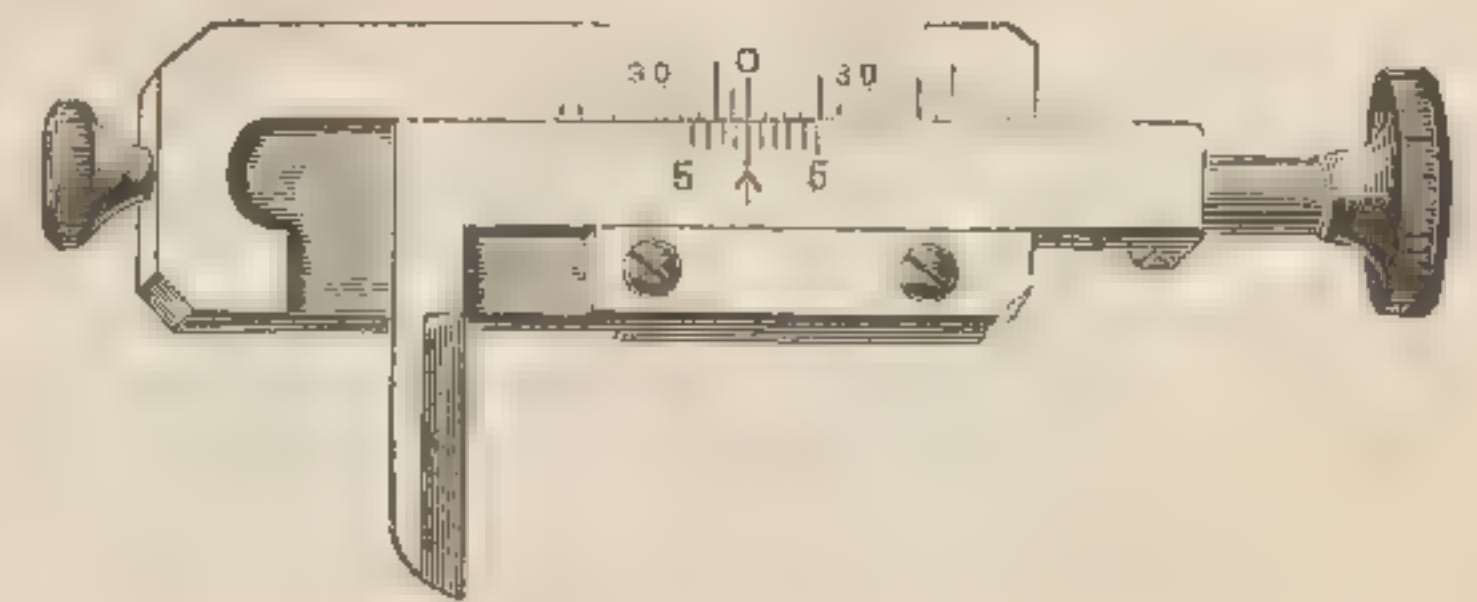
VERNIER.



B. L. HAMMER.



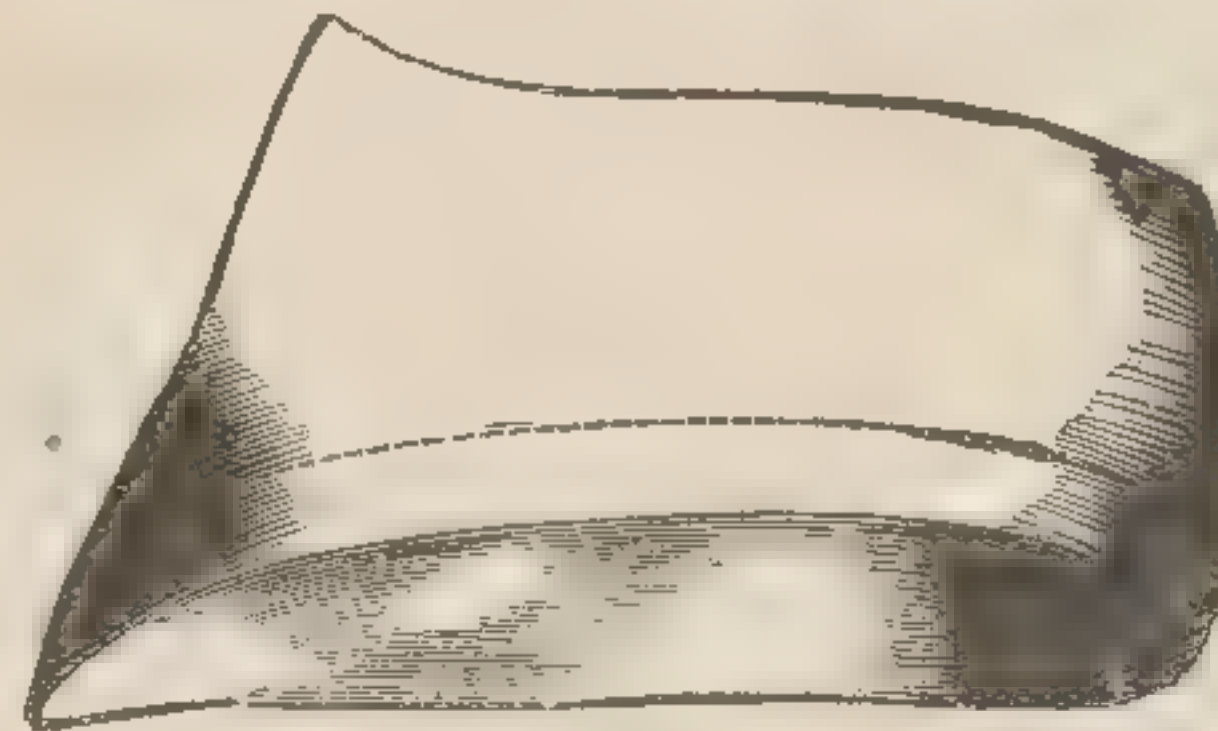
WIRE BRUSH.



VENTOMETER.



MAIN SPRING.



RECOIL PAD.



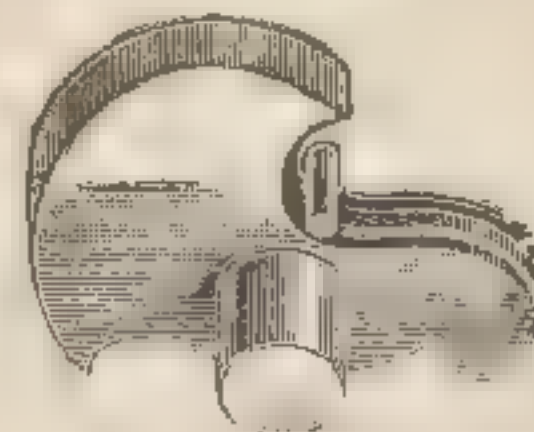
M. L. NIPPLE.



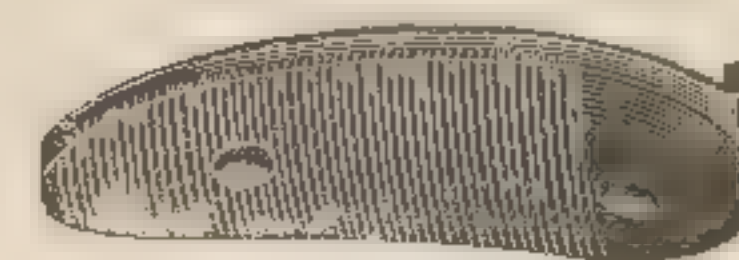
B. L. NIPPLE.



WOOL MOP.



TUMBLER.

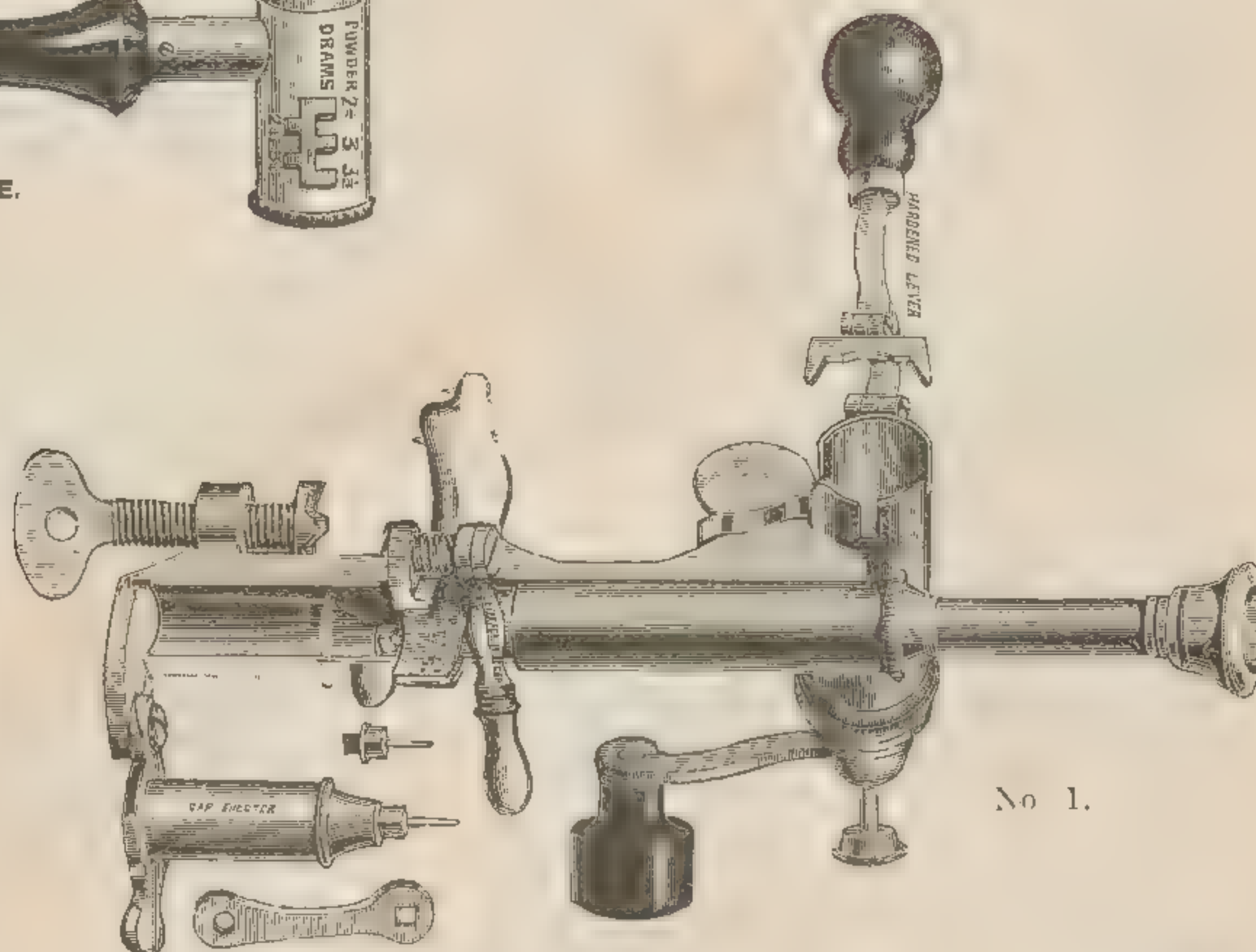


HEEL PLATE.

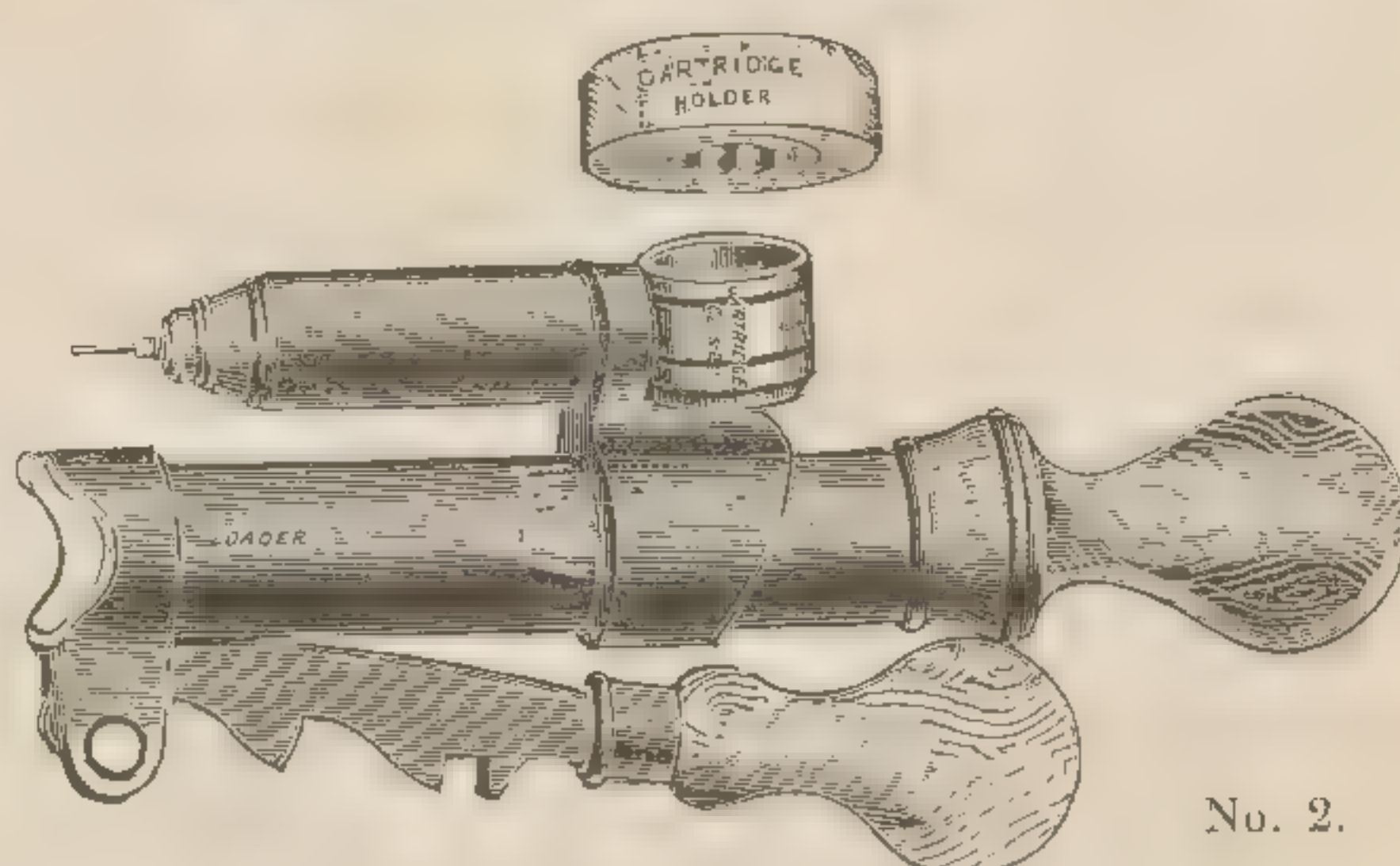
Re-Loading Implements.



MEASURE.



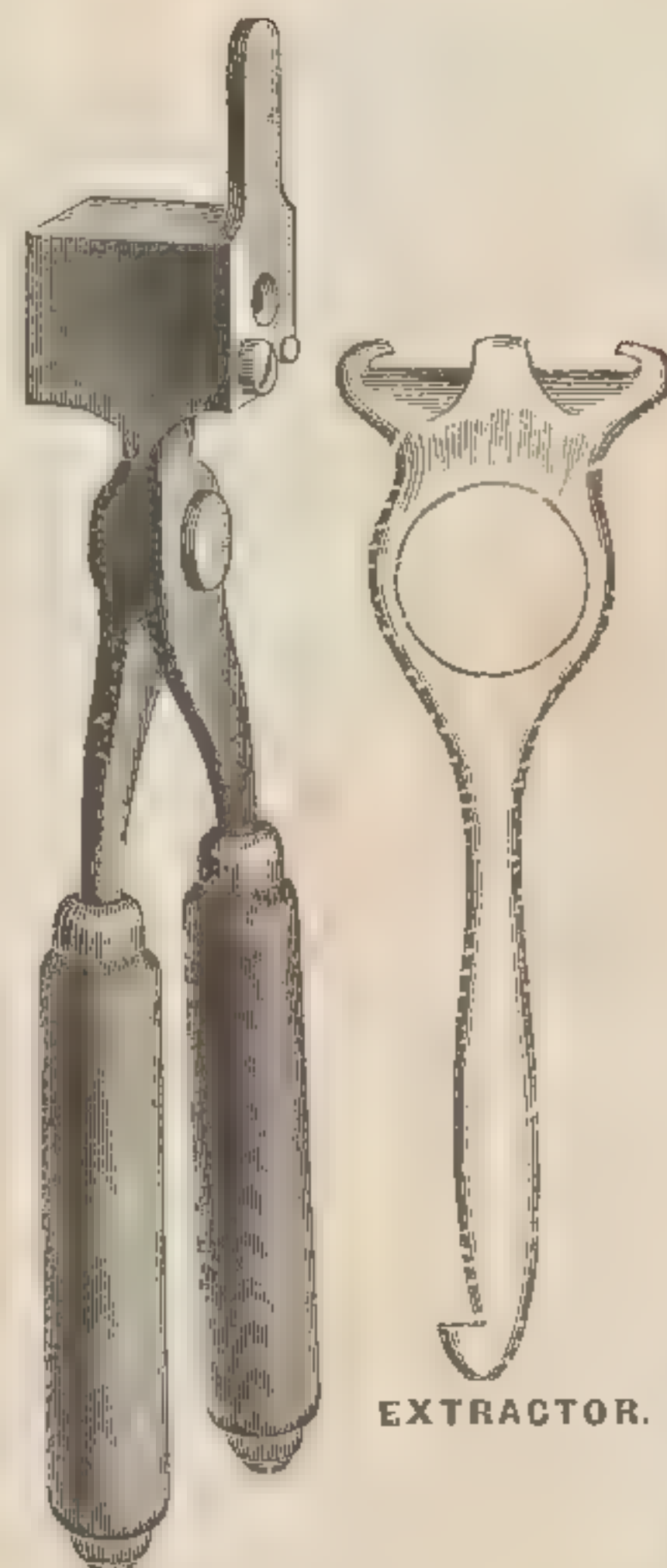
No. 1.



No. 2.

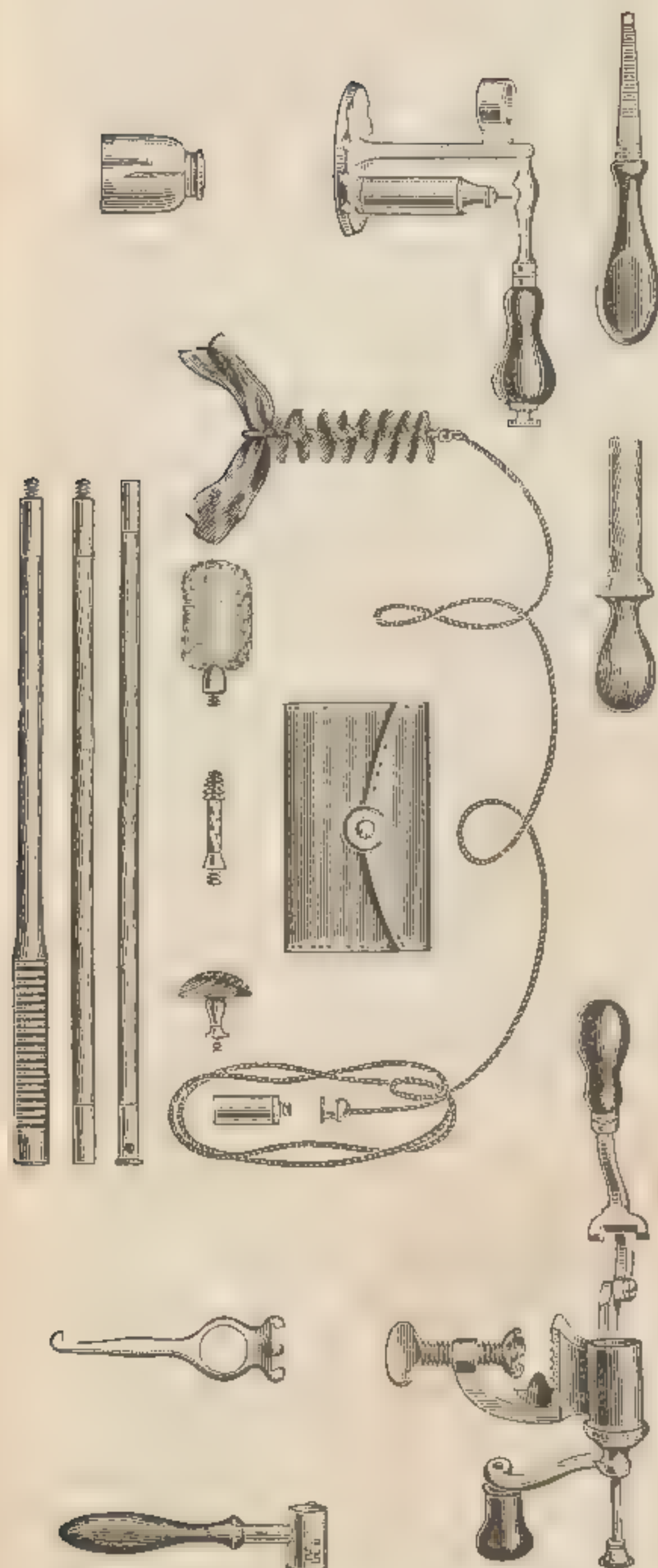


TURNOVER.



EXTRACTOR.

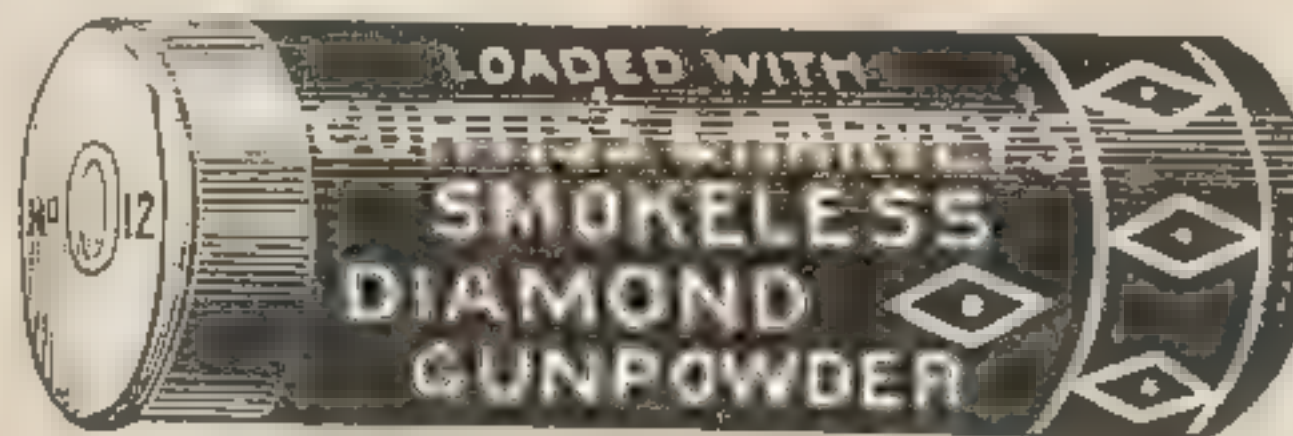
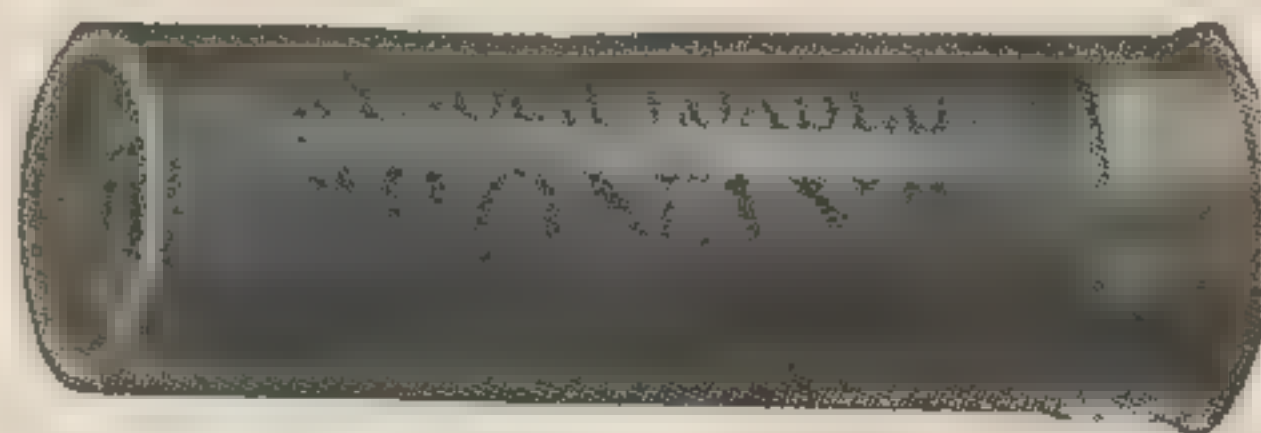
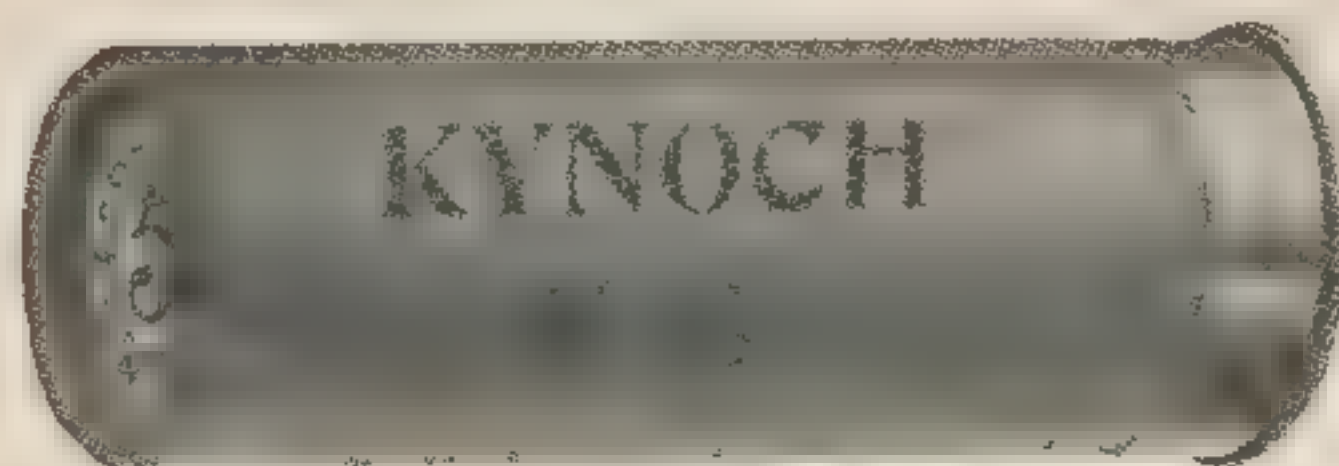
WINCHESTER
BULLET MOULD.



SET OF B. L. GUN IMPLEMENTS

COMBINATION RE-LOADERS.

Caps and Cartridges.



SHOT CARTRIDGES.

ELEY, Universal, in 12, 16, 20 g.
 „ Brown, Blue and Green 12 g, Green 410 g.
 „ Amberite 12 g, 42, 45, 47 grains.
 „ Amberite, 16 and 20 g.
 „ E.C., 12 g, 33, 35, 38 grains.
CURTIS AND HARVEY, Amberite, 12 g, Special 42, 45 grains, Dragon 47 grains.
 P. Fire Cartridge, loaded to order.

CURTIS AND HARVEY, Smokeless 12 g, 33, 37 g.
KYNOKK, K.B., 12, 16, 20 g; Bonax, 12, 16, 20 g.
NOBEL, 12 g.; Clyde, Empire, Ballistite, 2, 2½, 2¾ ins.
MULLERITE, 12 g, 2½, 2½, 2¾.
NEW RIVAL, 12, 16, 20 g.
NEW CLUB, 12 g. **RINGER**, 12 g.

C.F. Cartridge, not specified, loaded to order.

ELEY'S CARTRIDGE CASES.

BROWN, C.F., 10, 12, 14, 16, 20 g.
BLUE, C.F., 12.
GREEN, 8, 10, 12, 14, 16, 20, 28. .410 . .
BROWN, P.F., 12, 14, 16, 20, 24.
NITRO, C.F., 12, 16, 20.
GRAND PRIX, 12.
BRASS, 10, 12, 16, .410.
AMBERITE, 12 g, 2½, 2½
WINCHESTER RIVAL, 12.

Caps.

WINCHESTER, BB Black and Smokeless.
U.M.C. BB.
WINCHESTER, Primers, 1, 2.

ELEY'S EB 9, 10, 11, 12, 13, 14; Breech loading medium; Primers, .320, .197.
U.M.C. Primers, 1.

Rifle and Revolver Cartridges.



RIFLE CARTRIDGES

ELEY'S C.F. .297/230 short, .297/230 long, .300, .310, .320, .380, .442, 450/1.

NO. 1 CARBINE, .577 Snider, .360/5, .360 Ex, .577/450 Rolled, .577/450 Solid, .303 Solid, .303 Soft, Mauser 7 m/m.

ELEY'S R.F. .320, .380.

WINCHESTER C.F. 22, 25/20, .32, .38, 44, 32/40, 38/55, .35 Aut.

BLACK POWDER—Winchester R.F. .22 short, .22 long, .22 ex. long, .22 W.R.F. .32 short, .32 long, U.M.C. R.F. .22 short, .22 long.

Dominion R.F. .22 short, .22 long.

Boomerang R.F. .22 short, .22 long.

SMOKELESS POWDER—Winchester R.F. .22 short, .22 long, 22 Aut. U.M.C. R.F. .22 short, .22/long, Dominion R.F. .22 short, .22 long.

CAPS.

ELEY'S Bulleted, 1, 2, 3; Shotted, 1, 2, 3, 3 long.

BOOMERANG, Bulleted, 1, 2, 3.

REVOLVER CARTRIDGES.

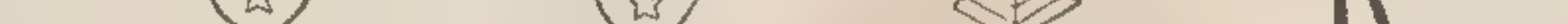
WINCHESTER, C.F., 32 S. and W., 38 S. & W. U.M.C.

ELEY, C.F., .320, .442, .380, .450, .455.

" R.F., .320, .380, .410.

" P.F., 5 m/m, 7 m/m, 9 m/m, 12 m/m.

 BP
 BV
 UB



DYNAMITE.

BLASTING.

DETONATORS.

POWDER.

SPORTING.

FUZE.

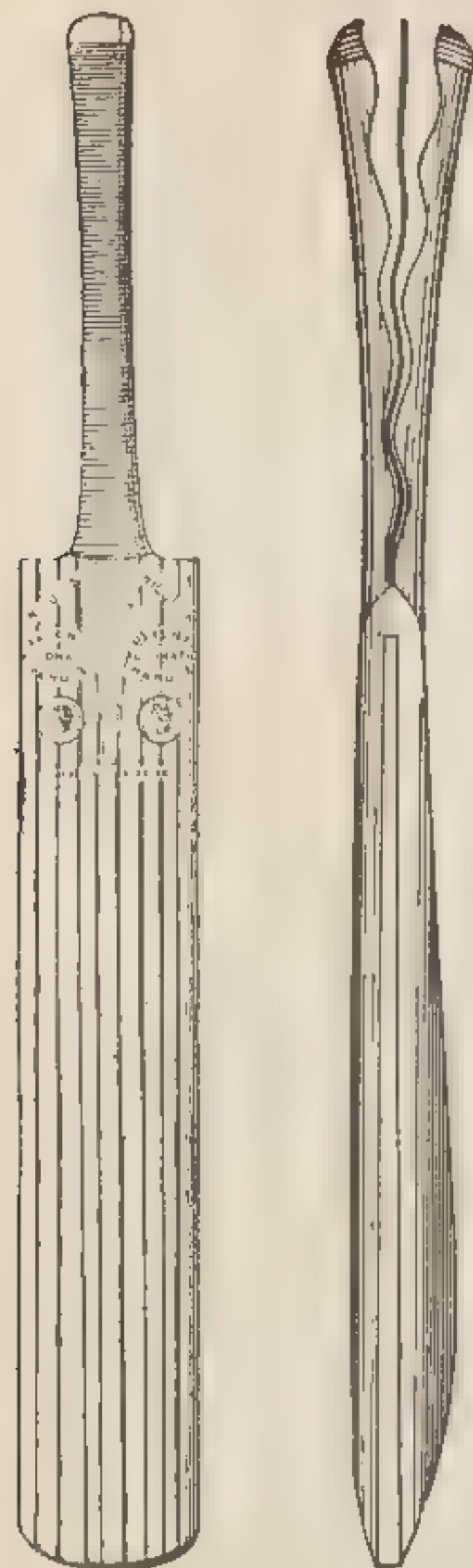
SHOT.

WADS.

22

SPORTS and GAMES.

Cricket.

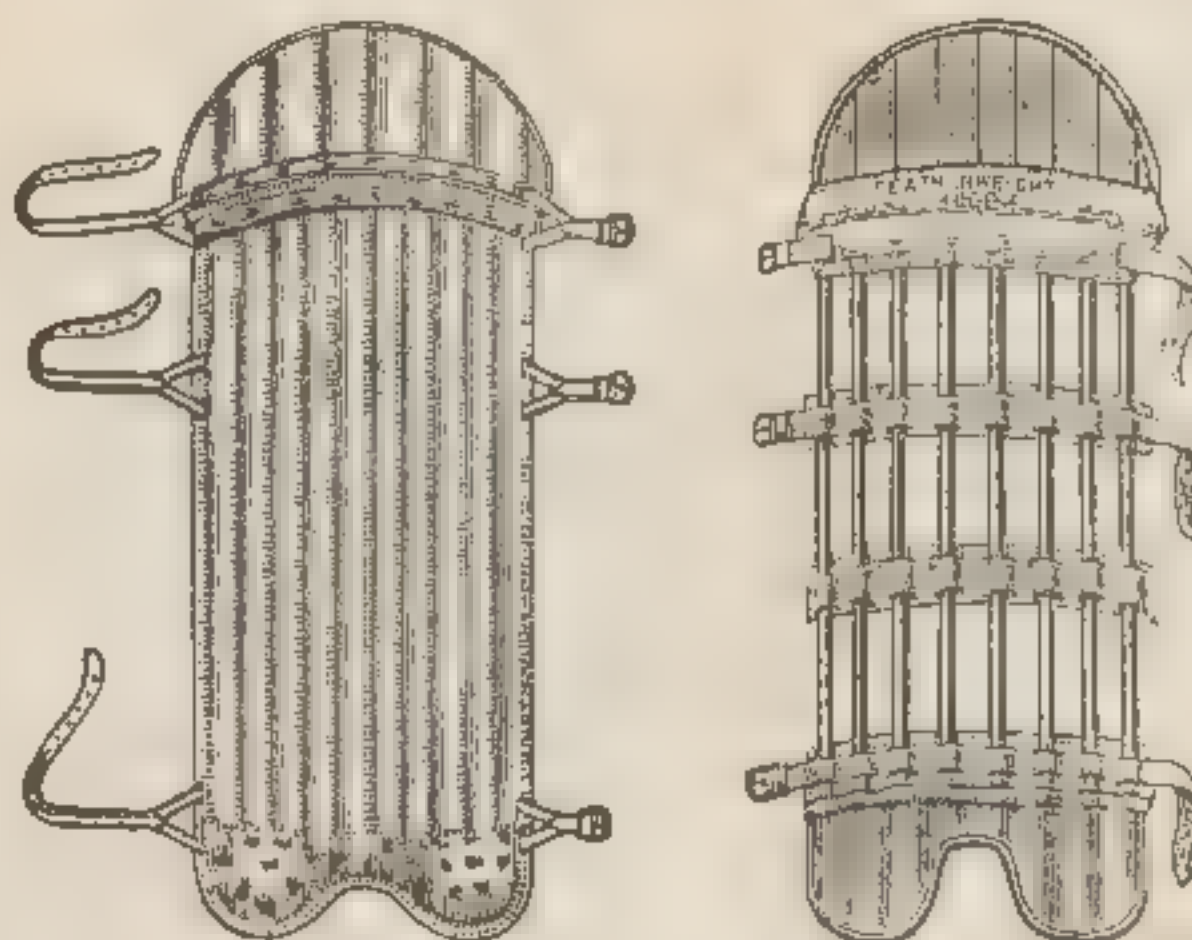


NICOLL'S PATENT AUTOMATIC HANDLE BATS.

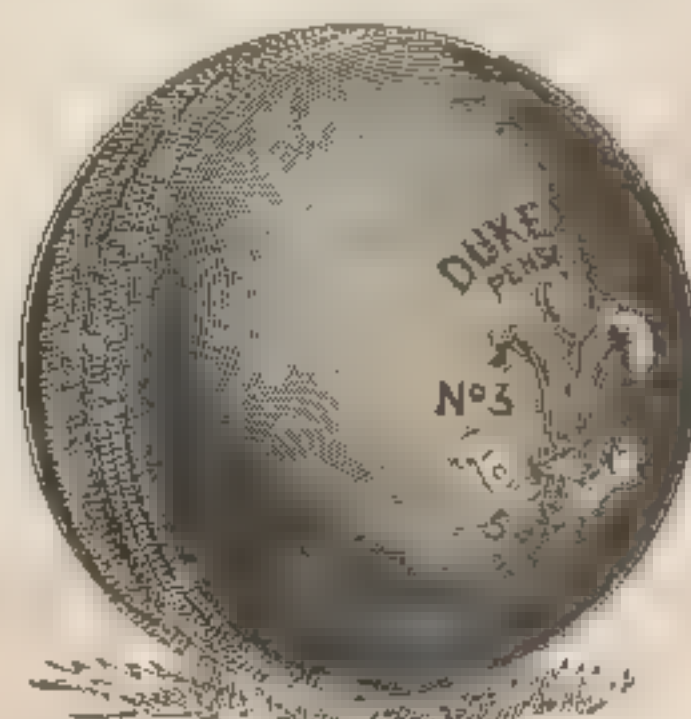
Hayward's "Century" and "Record."
 Quaife & Lilley's Patent Xylonite Driver.
 Quaife & Lilley's "Ranger."
 Wisden's "Excelsior."
 Ayre's "International."
 Superior All-Cane.
 Stuart "Surridge's" Rapid Driver
 Bussey's "Demon Driver."
 Dark's "Lord's Driver."
 Warsop's Patent All-Cane Match Bats.
 Grimwood's Best All-Cane.
 Superior All-Cane, Men's and Youths' 4, 5, 6.



BATTING GLOVES.
 "The Surrey Shield," and White Buff with Rubber Guard.



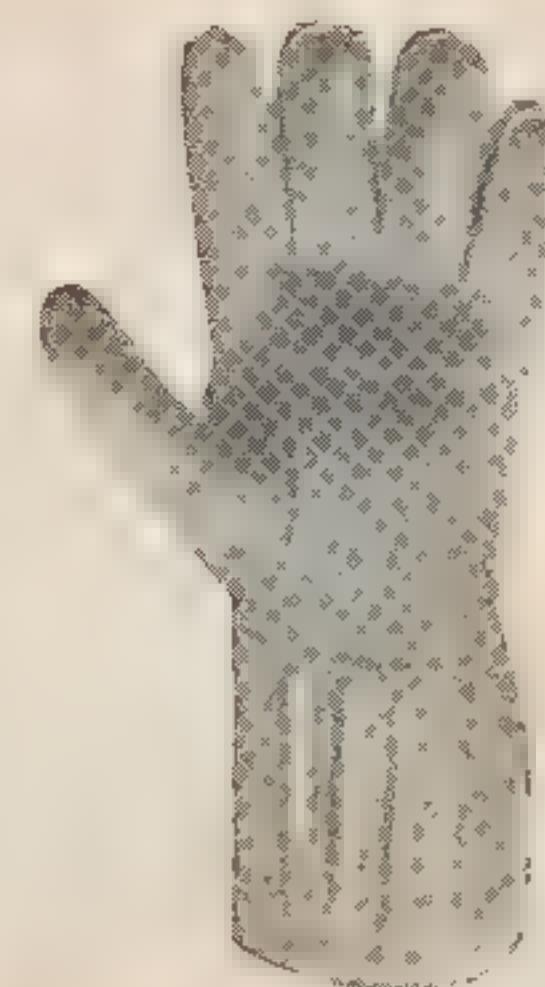
LEG GUARDS.
 Best Brown Cape, Skeleton, White Kid. Tan Leather, very strong.



BALLS (Regulation Weight and Size).

Duke and Sons' Very Best Treble Seam Match, marked "Best."
 Duke and Sons' Selected "P.K.D."
 The Standard Match, No. 4.
 Wisden's Special Crown.
 Hitchcock's "No. 2 Match," Leather, Treble Sewn.
 Hitchcock's "Australian Practice."
BALLS (Composition).
 Nicholson's "Patent Compound," Men's.
 Attwater's "Patent Eclipse," Men's Practice.
 Match, Men's Practice, Youths' and Boys'.

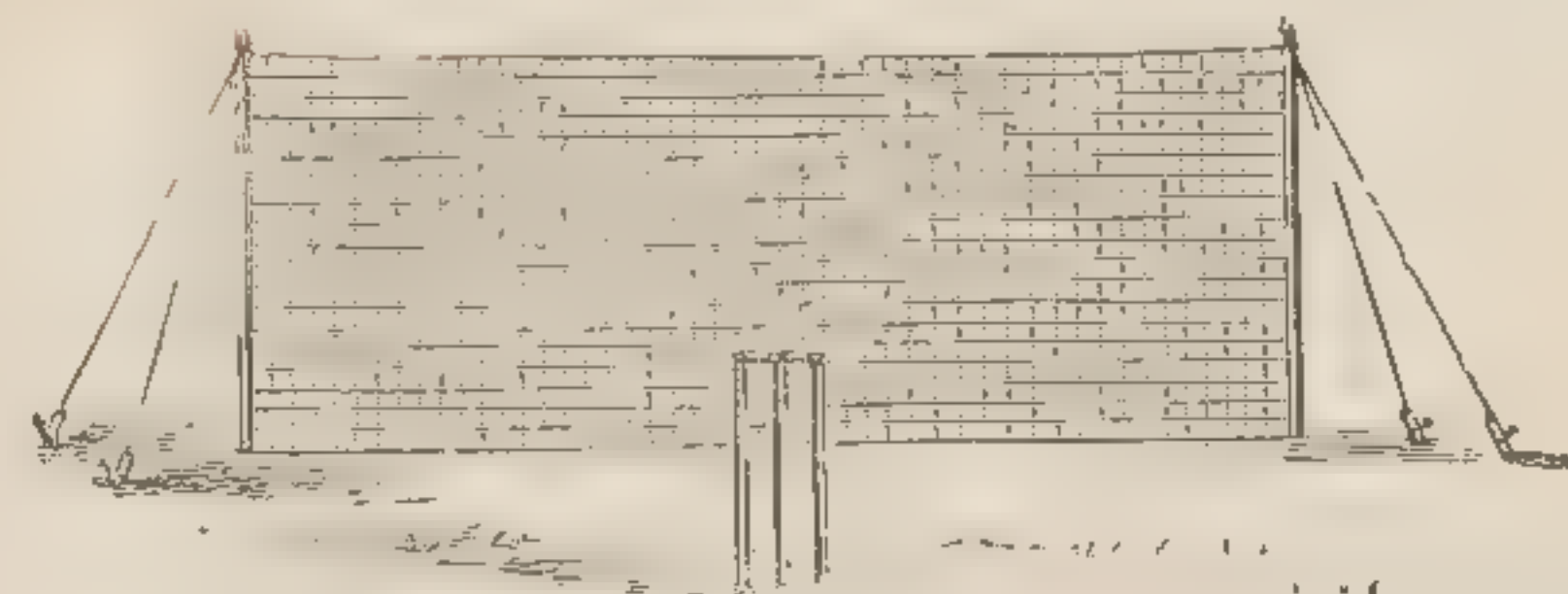
RUBBER BAT HANDLES, plain and corrugated.
BAT COVERS. **ABDOMINAL PROTECTORS.**
SCORING BOOKS.—In Pocket, Cloth and Paper Covers.
CRICKET MATTING, Green, in two pieces.



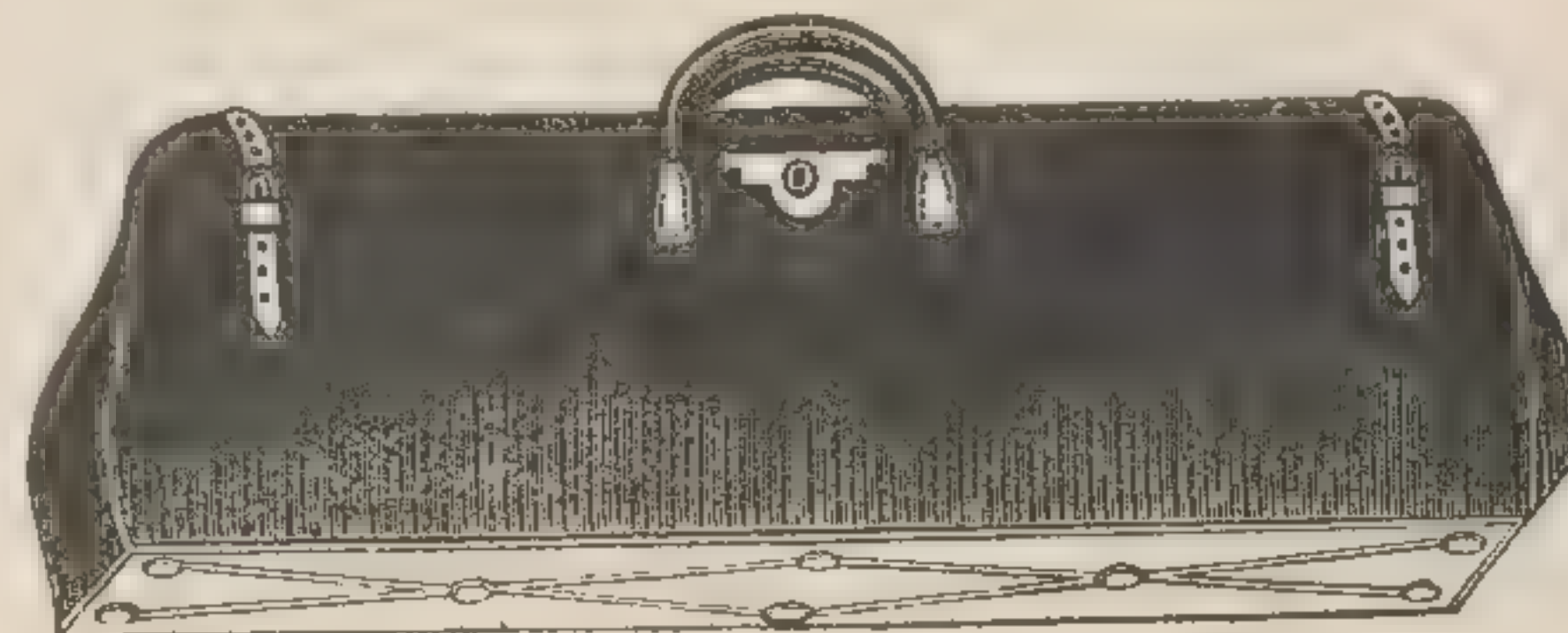
WICKET KEEPING GAUNTLETS.



STUMPS, WITH BAILS.
 Plain Polished.
 Best Polished, with Brass Ferrule.
 Best Polished, with Brass Top, Steel Shod, superior.
 Best Polished, with Solid Brass Top, Brass Shod, superior.

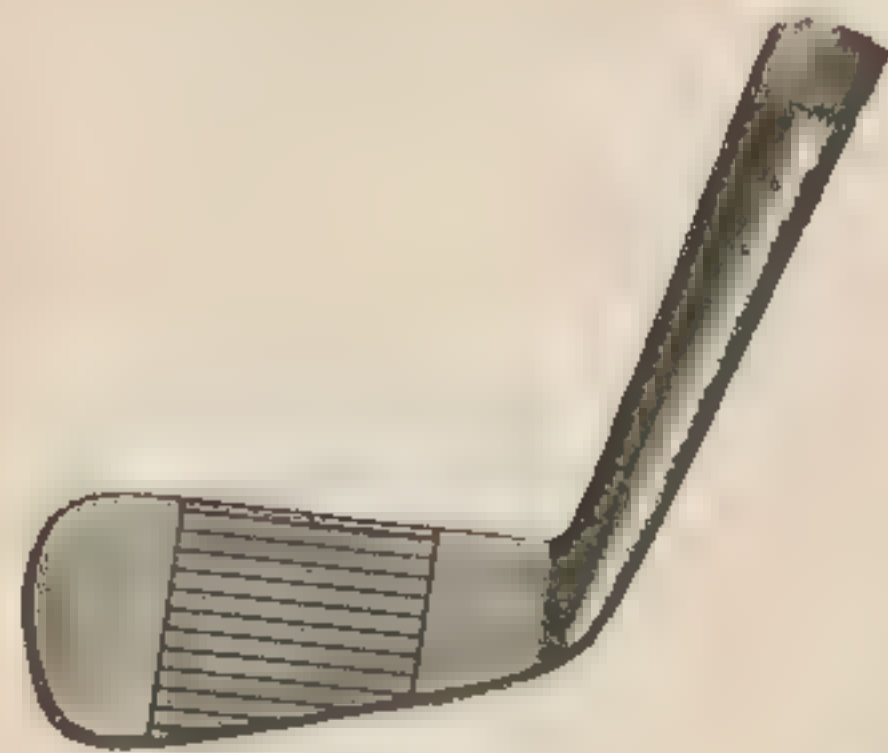


PRACTICE NET.
 Steam Tarred, complete with wood uprights and pegs. 18 x 6 ft., and 18 x 8 feet.
 Steam Tarred, Best Winged Net, complete with wood uprights and pegs. 42 ft. x 8 ft., 54 x 8 ft.



BAGS—Carpet, Canvas, Leather.

Golf.



MID IRON.



LOFTING IRON.



CLEEK.



MASHIE.

CLUBS:—Having engaged Expert Workmen from Scotland, we now manufacture on our Premises Wooden and Iron Clubs to suit the conditions here, and the wishes of individual players.

ALL SUCH CLUBS ARE GUARANTEED BY US.

We also carry Large Stocks of Clubs, by **ROBERT SIMPSON, FORGAN, VARDON, CARRUTHERS, AUCHTERLONIE, McEWAN, ANDERSON, WILLIE PARK, JACK WHITE, JAMES BRAID, SAMSON, J. H. TAYLOR,** comprising: Drivers Brassies, Cleeks, Irons, Mashies, Lofters, Niblicks, Driving Mashies, Driving Irons, Driving Cleeks, Approaching Cleeks, Putters.

ALUMINIUM DRIVERS, BRASSIES, AND SPOONS.
FULL RANGE OF EVERY DESCRIPTION OF CLUB USED.

Spare Heads for Drivers and Brassies. Spare Shafts for every variety of Club.

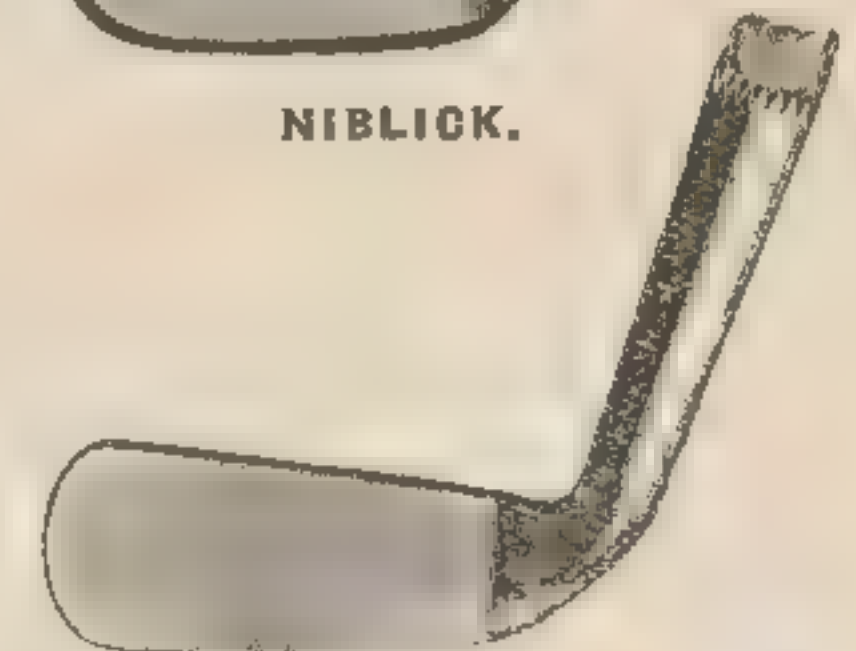
ALL REPAIRS are executed on our Premises by our own workmen.



DRIVING MASHIE.



NIBLICK.



GOOSE NECK PUTTER.



ALUMINIUM PUTTER,
BRAID MODEL.

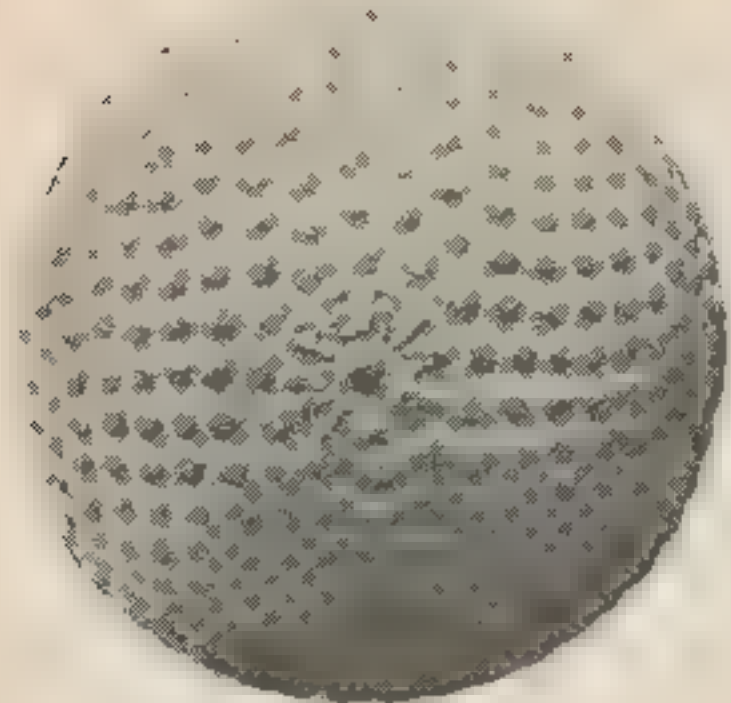


BRASSIE.

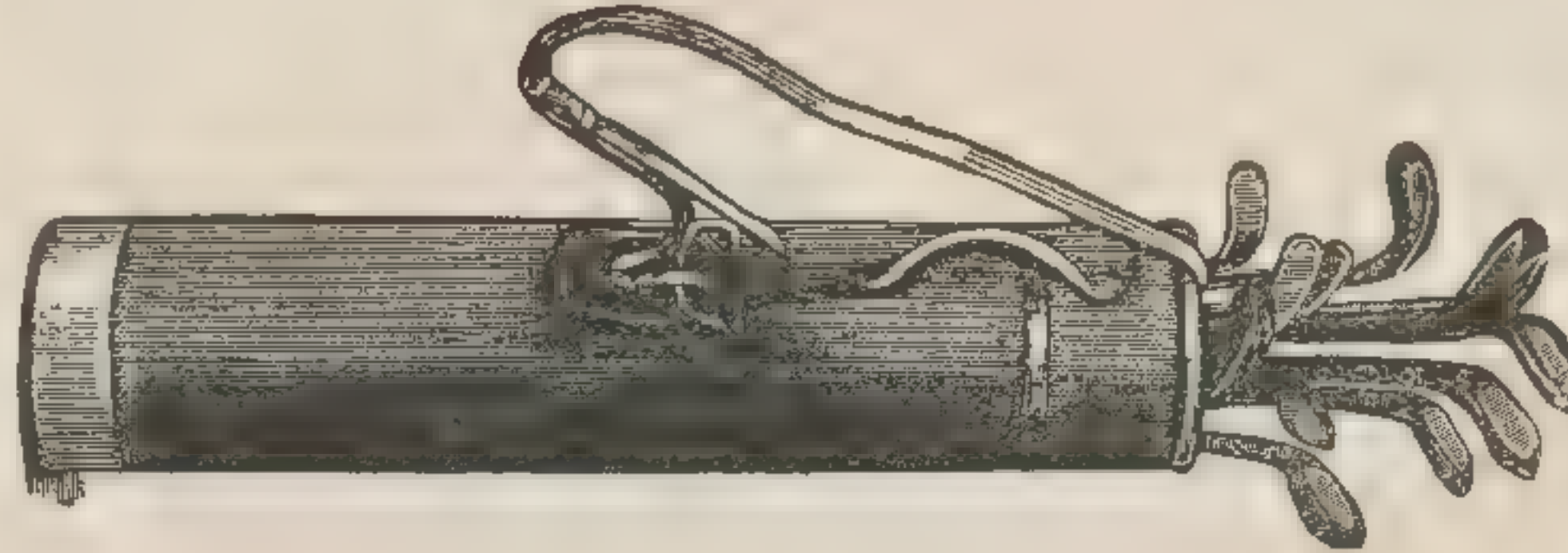


DRIVER.

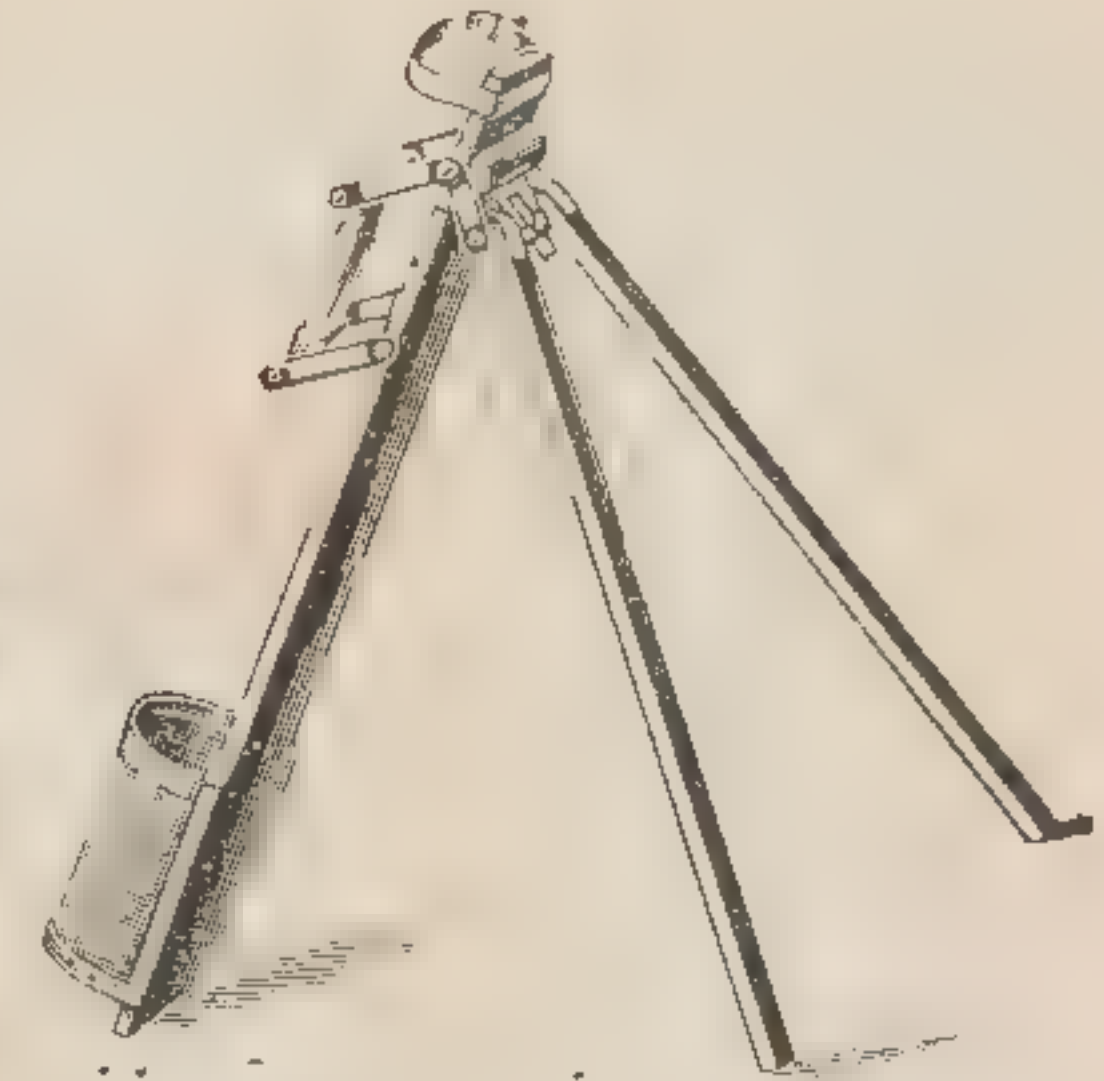
Golf—Continued.



GOLF BALLS.
 "Black and White."
 "Colonel."
 "Tournament."
 "Condor."
RE-COVERED CORED BALLS.



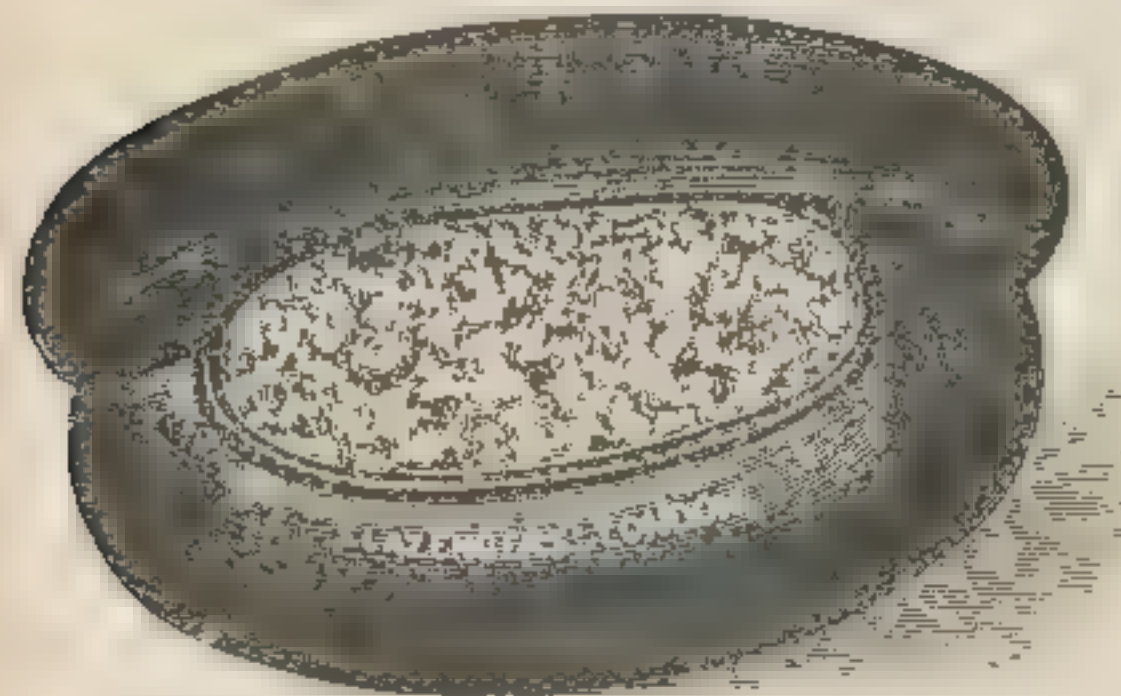
BAGS.
 Tanned Canvas, Leather, and Martin's well-known Bags.



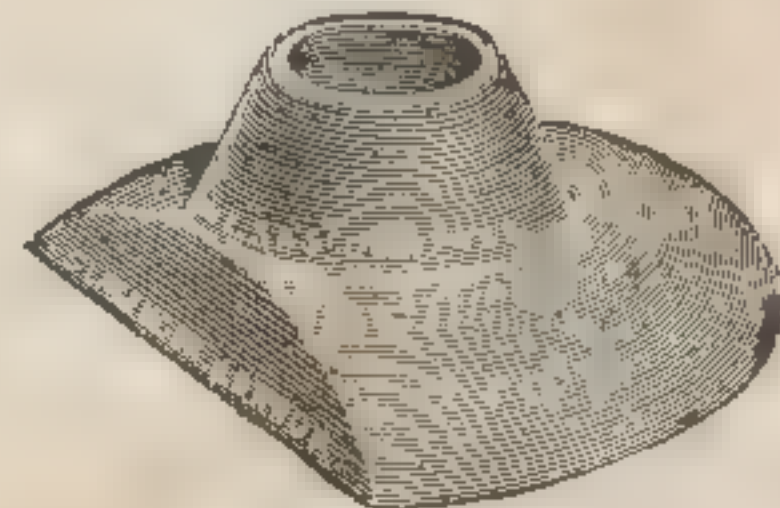
THE EXPERT CADDIE BAG.



CAPTIVE GOLF BALL.



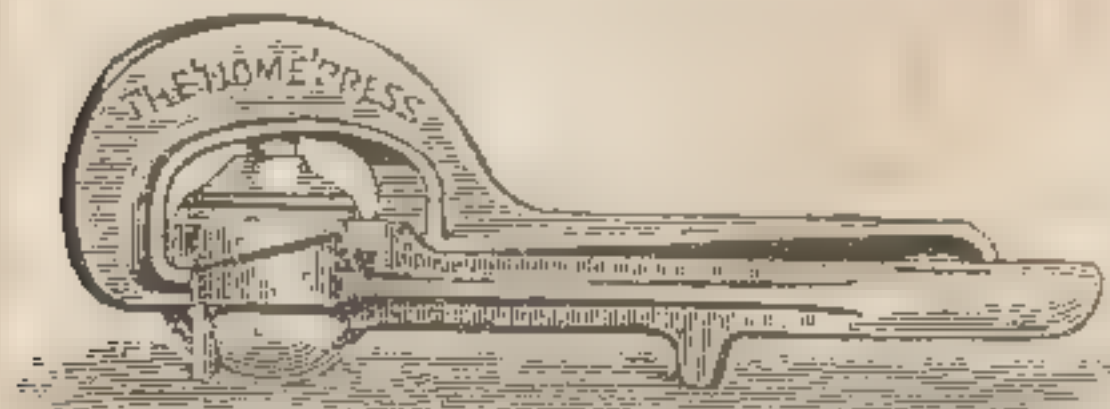
BALL CLEANER.
 Sponge, with Cover.
 Best Quality Brush and Sponge,
 no Cover.
 Iron Club Cleaners.



INDIARUBBER TEE.
 Ditto, with weight attached.

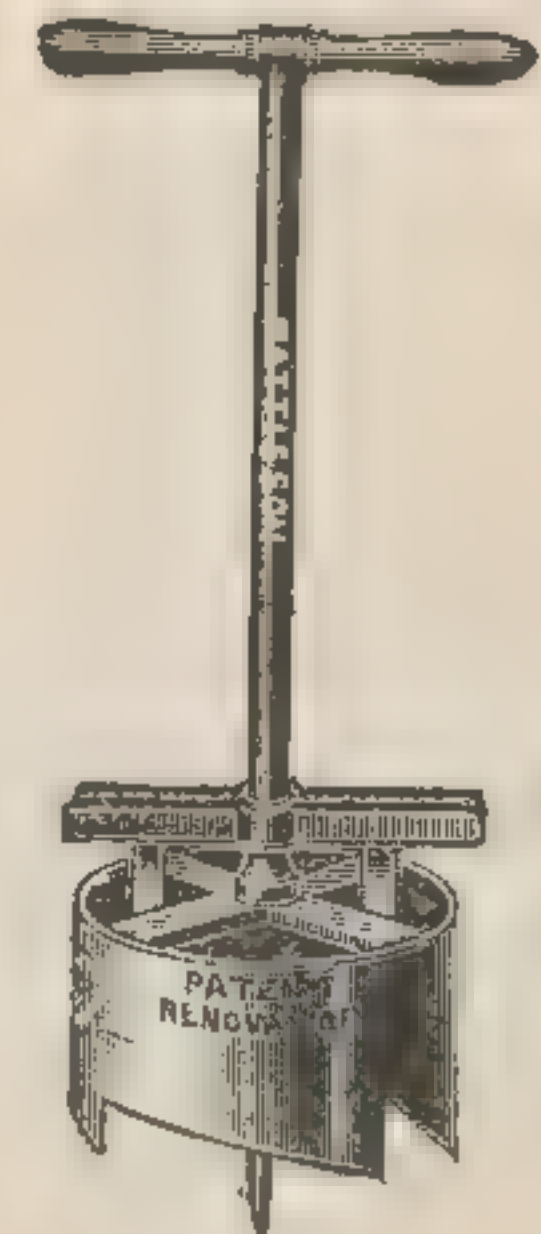


GOLF CLOVES.



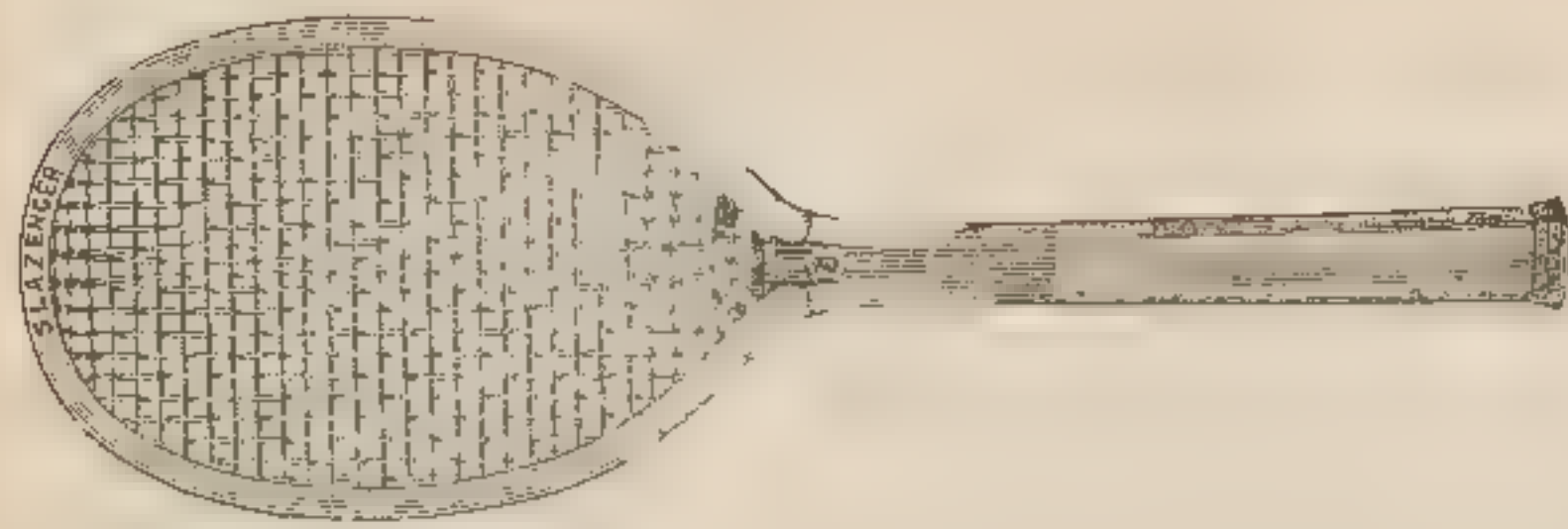
BALL PRESS.
BALL PAINT.

FLAGS FOR THE LINKS.
IRON PAINTED SETS, FOR 9 and 18 holes
 Also **BUNTING.**
WHITE "WAXO," FOR THE GRIPS.
INDIARUBBER GRIPS.
GOLF BALL PAINT.



HOLE CUTTER.
CALVANIZED IRON HOLES,
 various patterns.

Tennis.



THE RISLEY HEXAGON RACKET.

RACKETS.

SLAZENGER'S

THE "DOHERTY."
THE "E.Q.M."
THE "WHITEHOUSE."
"PLAIN DEMON."
"RENSHAW."
"COURT."
"LABELLE."

F. H. AYRES'

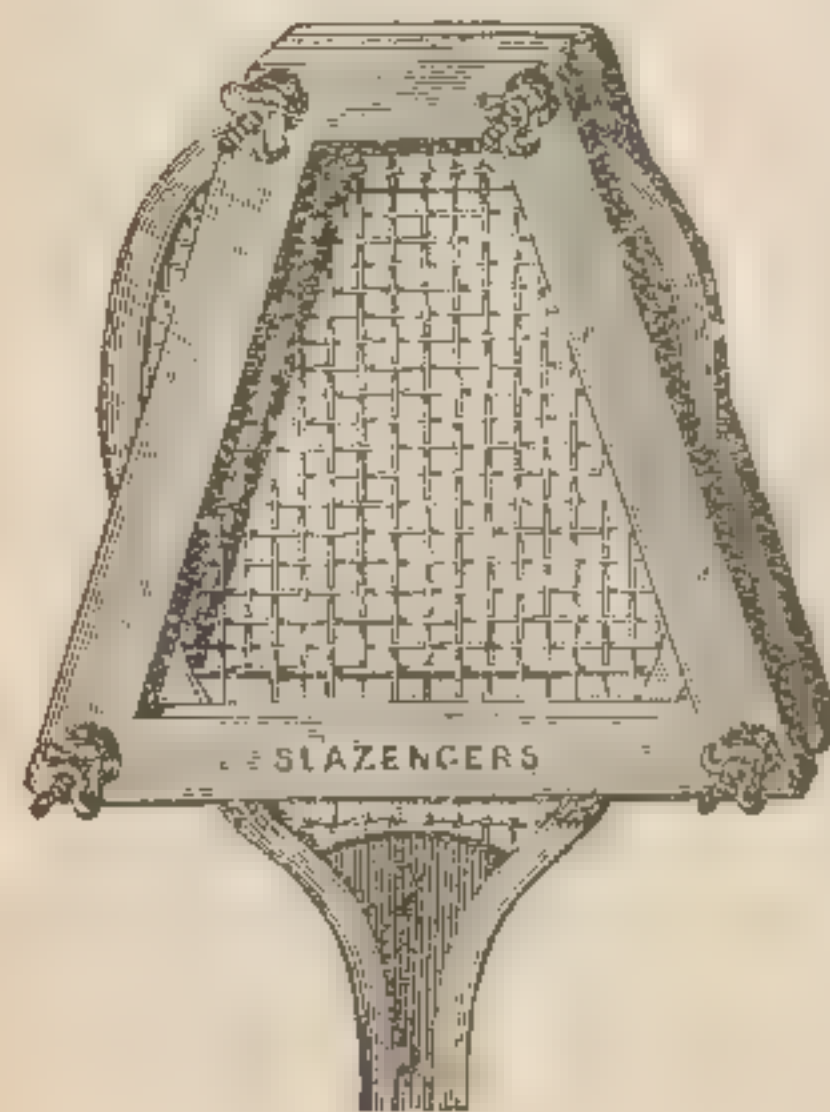
THE "WILDING."
"HORACE RICE."
"ALLEN."
"PAYTEN."

CHAMPION—One of Ayres' most popular. A favourite Racket for ladies.

THE HANDICAP—Very strong and durable, strung with pure white gut.

"THE UNIVERSAL"—This Racket is made especially to our order by a well-known English firm, strung with first-class gut, strong frame, and good shape.

"THE BELLE"—A good, useful Racket suitable for beginners.



RACKET PRESSES.

SLAZENGER'S IMPROVED "HANDY" RACKET PRESS.

THE CENTRAL PRESS Handy and simple, yet effectual.

BAGS & RACKET COVERS.
GUT REVIVER.
SCORING BOOKS.
RULE BOOKS.

TAPE COURT LINES for single and double games, complete in box, $\frac{1}{2}$ in., 1 in., wide.

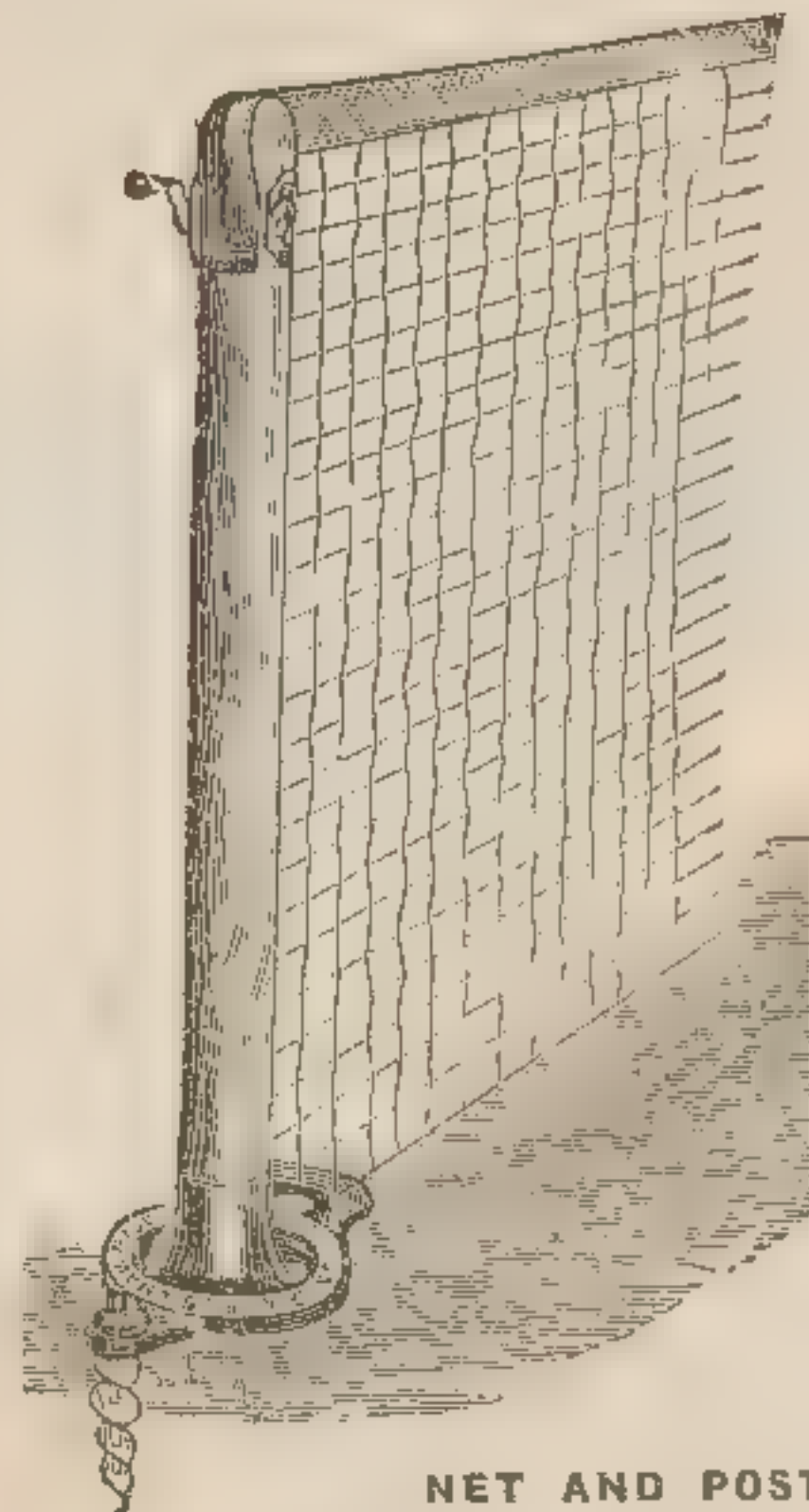
MARKING PINS.

NET ADJUSTERS.

TENNIS STAPLES.

PATCHETS FOR POSTS.

RUBBER HANDLE COVERS.



NET AND POST.

NETS.—Best tarred, canvas top, steel wire rope, extra heavy twine, very superior.

Best tarred, canvas top with steel wire rope.

Best tarred, copper wire rope.

Best tarred cotton rope

Various qualities.

POSTS.

THE PATENT "HOUSE" POST.—Accommodates and protects the net when not in use, thus saving the time, trouble, and wear involved in putting up and taking down by the old method.

THE CAVENDISH, POLISHED SOLID ASH.—N.P. fittings, fixed in ground by long feather pins, mallet with each set. Used for tournaments.

HANDICAP.—Ash with N.P. fittings, fixed in ground by solid iron plate.

CYPRUS.—Tubular iron posts, fixed in ground as the Cavendish.

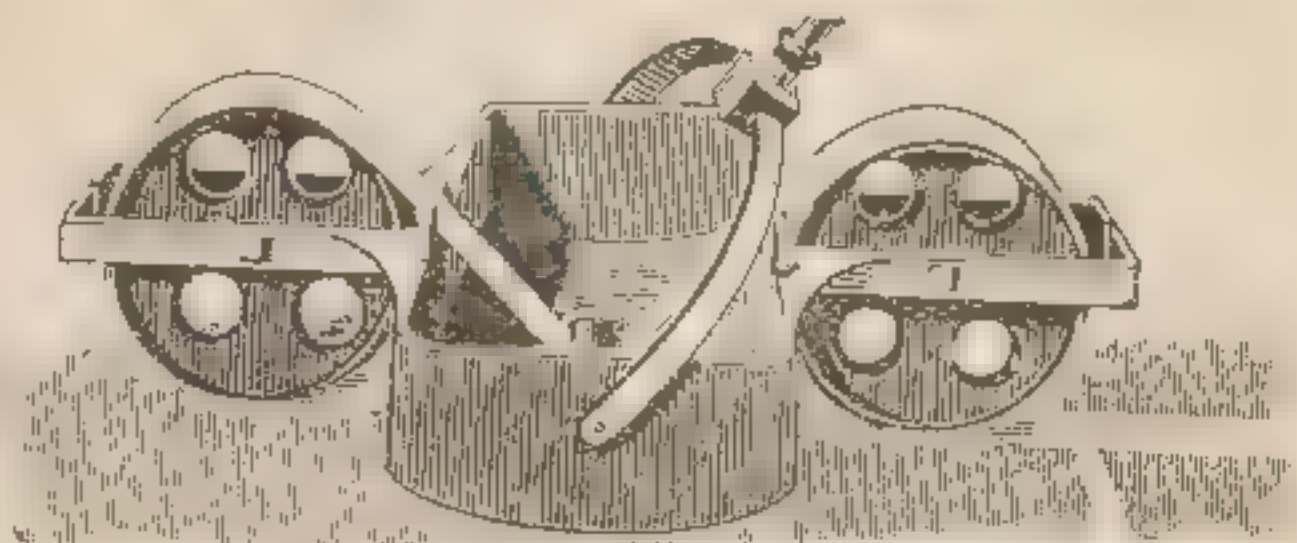
UNIVERSAL.—Ash, iron steadying pin, iron wheel on top. In two qualities.

BALLS.

AYERS' CHAMPIONSHIP COVERED
Best make only.

SLAZENGER'S CHAMPIONSHIP COVERED
Best make only

SLAZENGER'S REGULATION UNCOVERED
Best make only



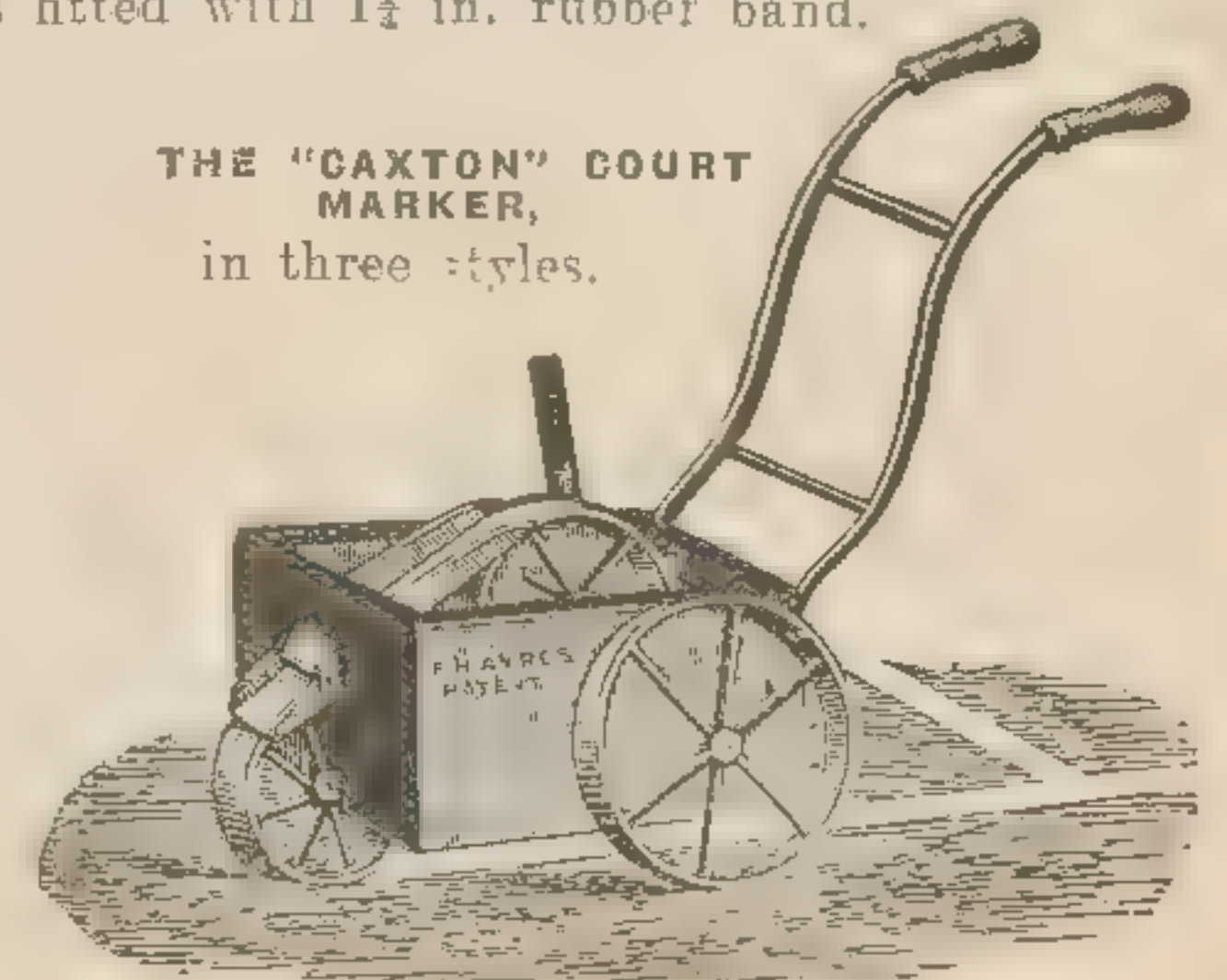
No. 2. COURT MARKER.



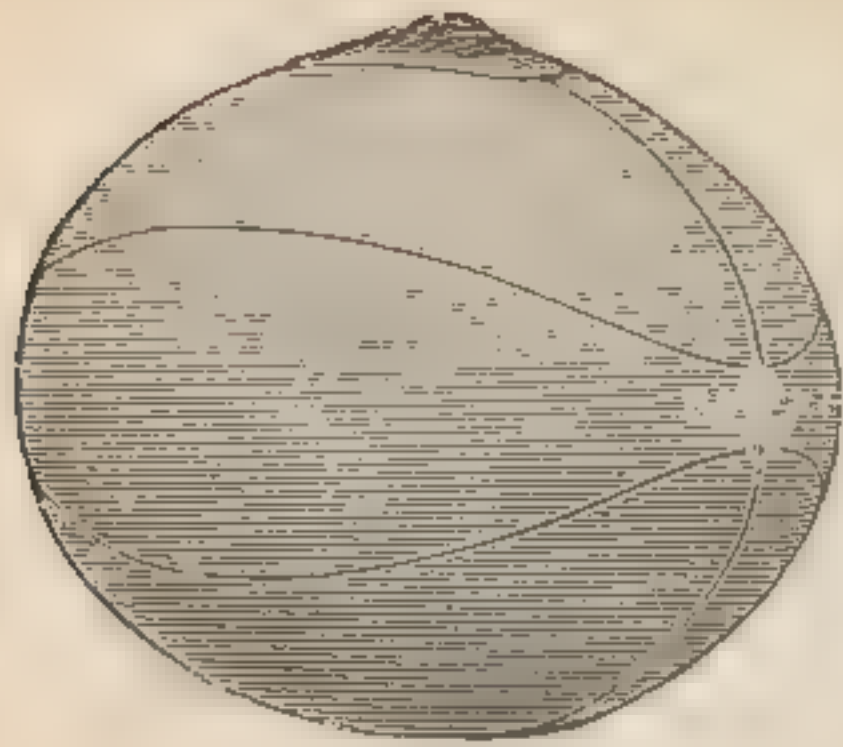
No. 1 COURT MARKER.

The improved "CAVENDISH."—This machine is fitted with $1\frac{1}{2}$ in. rubber band.

THE "CAXTON" COURT MARKER,
in three styles.



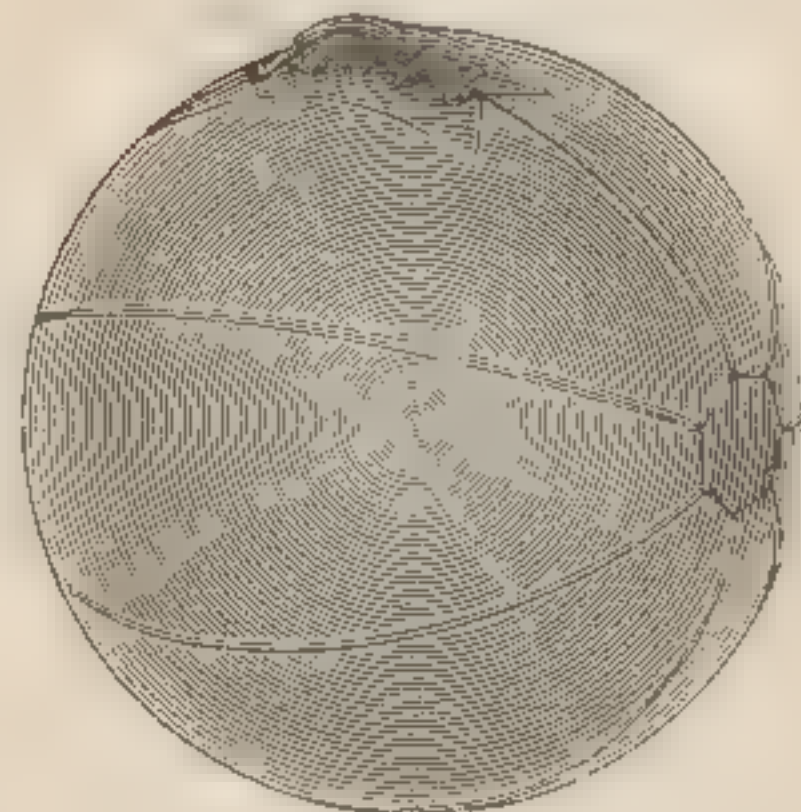
Football, &c.



RUGBY.

Gilbert's Match II.
"Zug," the Latest Waterproof Case.

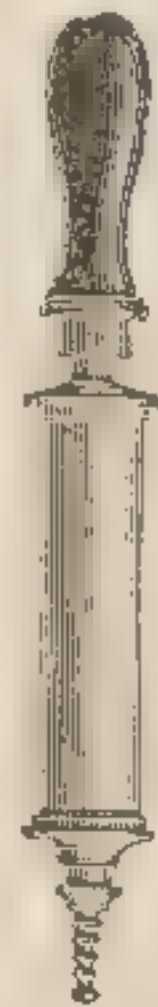
Ford's "Interstate."
Sherrin's "Australian Game."
Youths' Nos. 1, 2, 3, 4, 5.



ASSOCIATION.

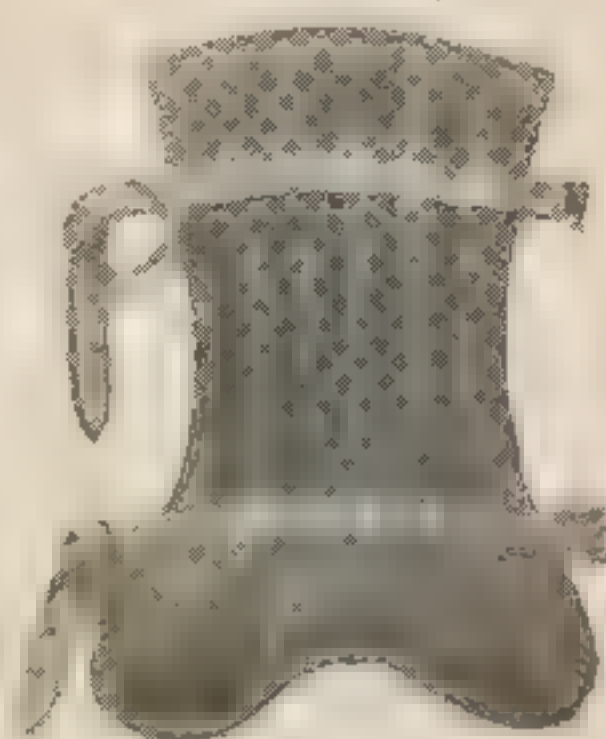
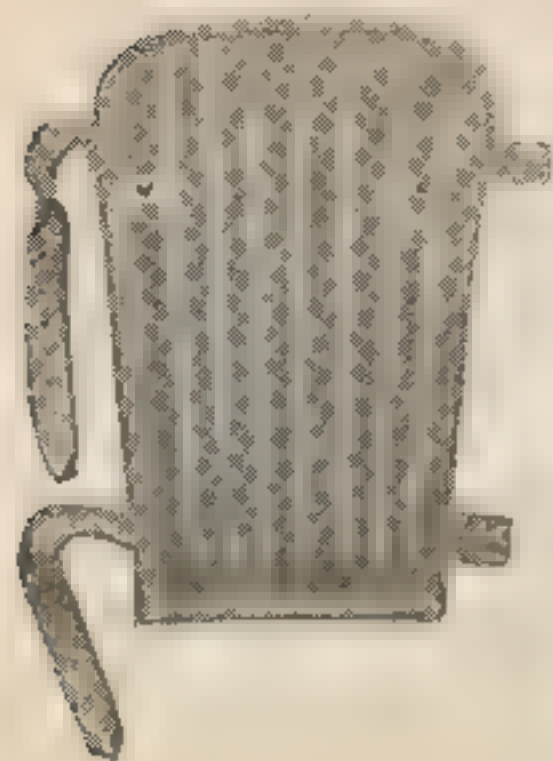
GILBERT'S "MATCH II."
WATER POLO BALLS.

Extra Bladders for all styles and sizes.



INFLATOR.

Umpires' Whistles.
Rugby Annuals.



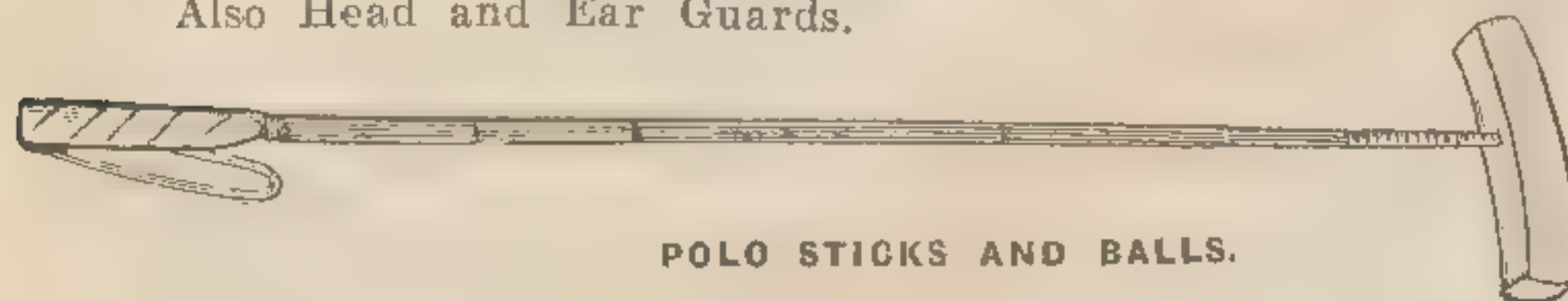
SHIN GUARDS.

Also Head and Ear Guards.



WYNN'S STEEL QUOITS.

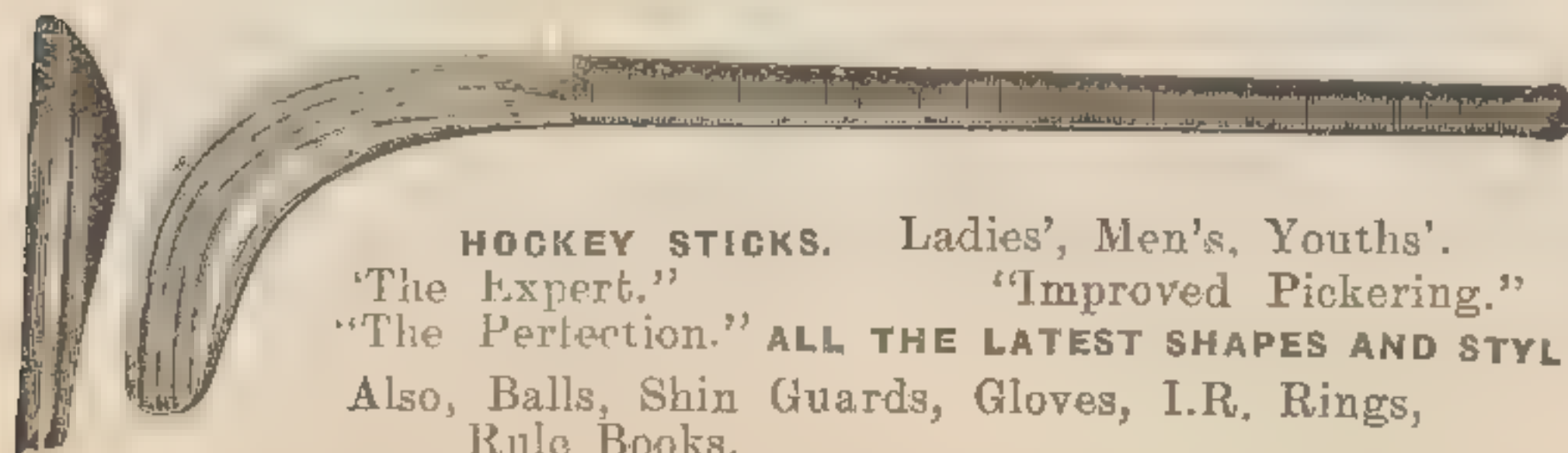
Two qualities, 4 to 8 lbs.
Rope Quoits and Stands.



POLO STICKS AND BALLS.

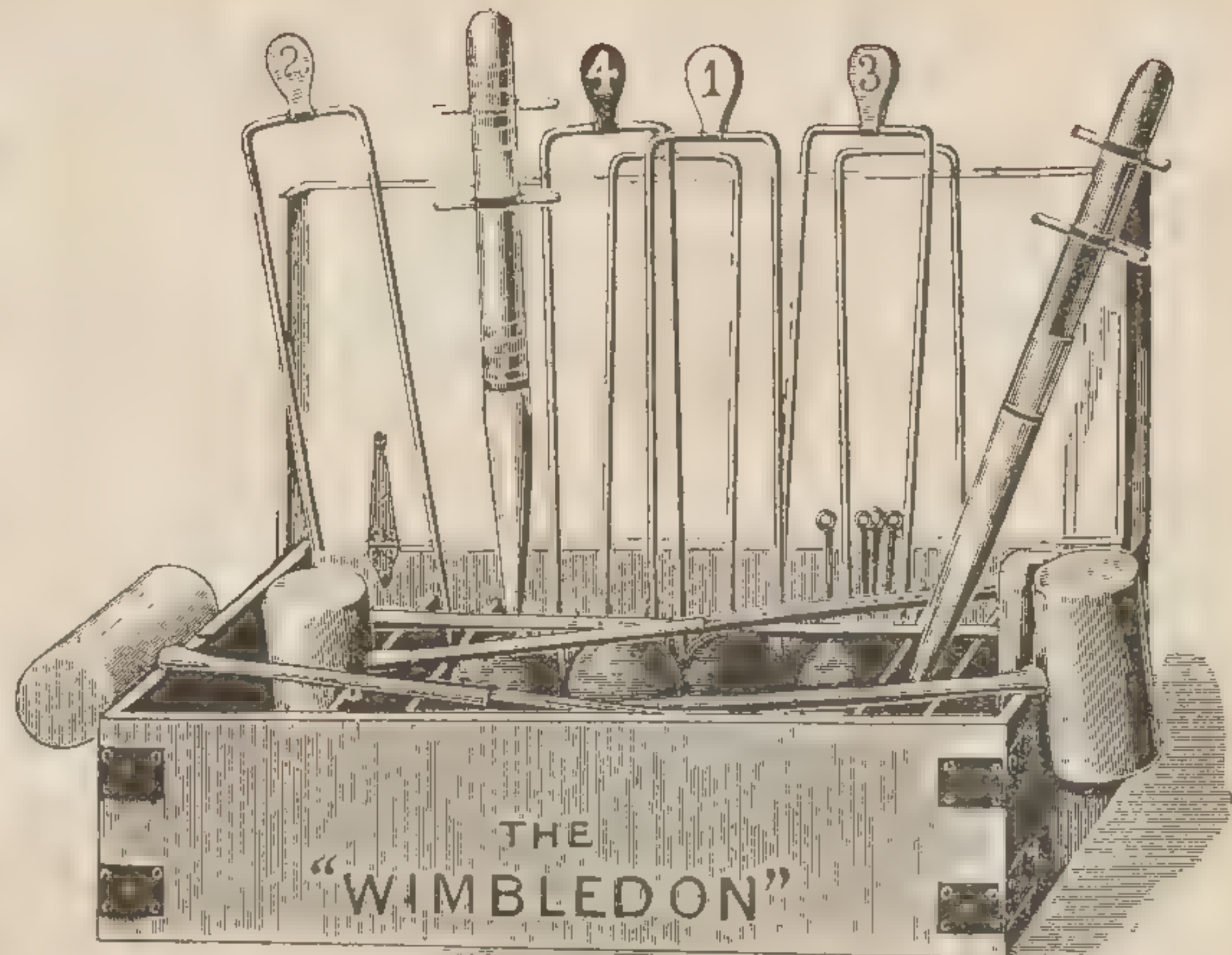
STICKS.—Salter's English, Indian, and Square Heads, complete; Canes, Malacca and Rattan.

SPARE HEADS, square and cigar shapes.



HOCKEY STICKS. Ladies', Men's, Youths'.

"The Expert." "Improved Pickering."
"The Perfection." **ALL THE LATEST SHAPES AND STYLES.**
Also, Balls, Shin Guards, Gloves, I.R. Rings,
Rule Books.



F. H. AYRES' "WIMBLEDON" CROQUET SETS.

Jaques', in various sizes and qualities.

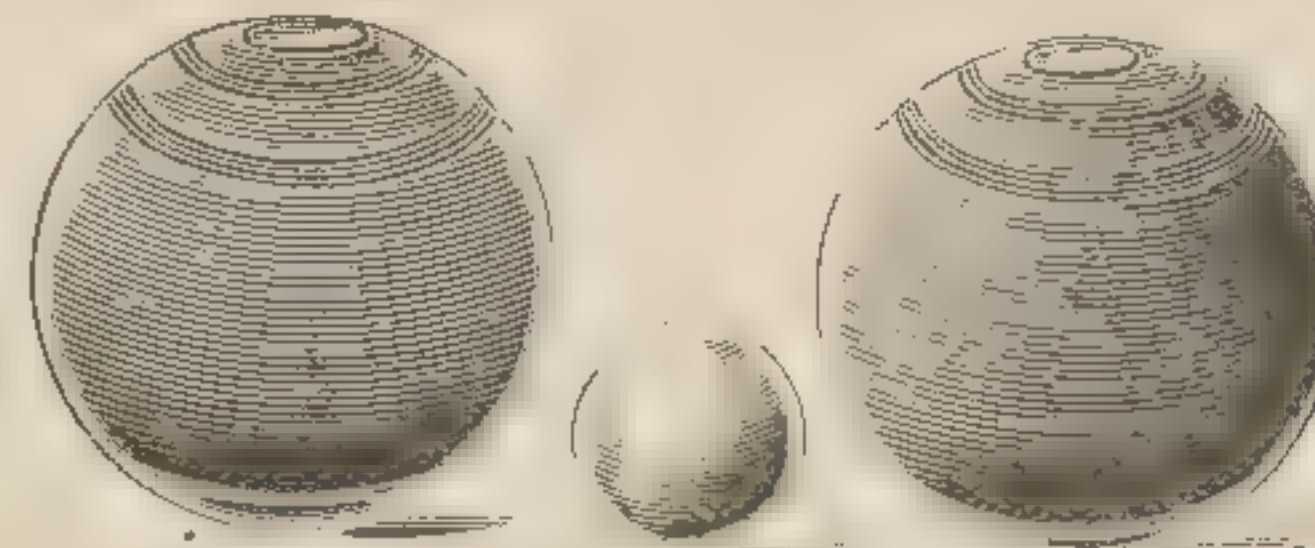
Slazenger's, in various sizes and qualities.

ALL ACCESSORIES STOCKED.



LACROSSE.

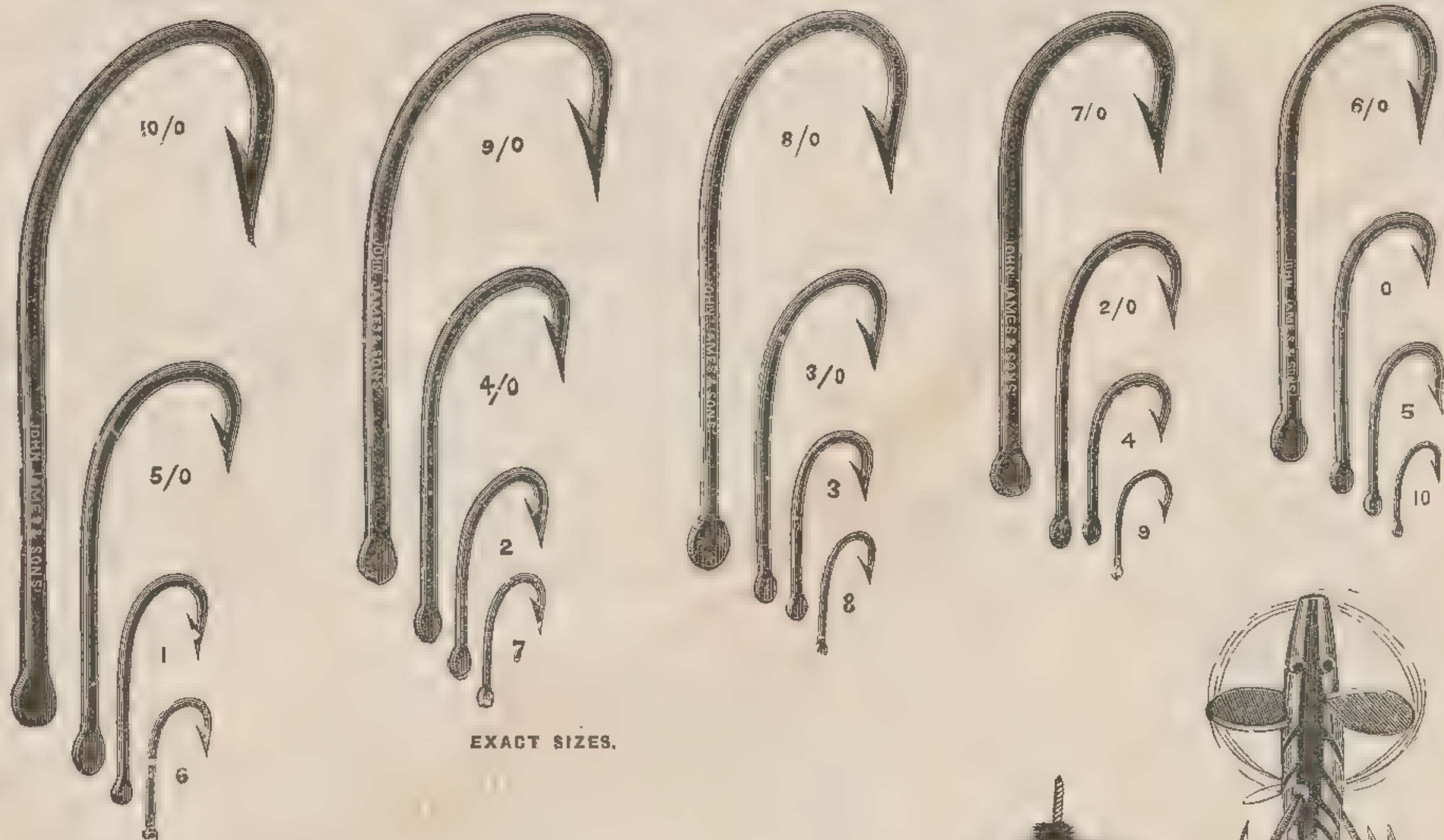
STICKS BY HATTERSLEY AND JOCKS. Balls and all Accessories.



TAYLOR'S LAWN BOWLS. 3 FULL BIAS.

"Ivory Mounted," "Silver Mounted," "Presentation."
ALL ACCESSORIES STOCKED.

Fish Hooks and Rods.



JAMES', LIMERICK, FLATTED, AND RINGED JAPANNED,
12, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 1/0, 2/0, 3/0, 4/0, 5/0,
6/0, 7/0, 8/0, 9/0, 10/0, 12/0.

" KIRBY BENT " " as above.
JAMES', KIRBY BENT, RINGED, TINNED " "
BARTLEET'S, KENDAL BRIGHT FLATTED, STRONG, EXTRA STRONG,
AND EXTRA EXTRA STRONG, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 1/0,
2/0, 3/0, 4/0, 5/0, 6/0, 7/0, 8/0, 9/0, 10/0.

JAMES', TREBLE AND QUADRUPLE RINGED BRIGHT FISH HOOKS.
BRIGHT FISH HOOKS, on single or double twisted Gut.
BRIGHT HOOKS ON GIMP, 10 to 1, 1/0 to 6/0.

ARTIFICIAL INSECTS. ARTIFICIAL FLIES



ARTIFICIAL FLY.
IN GREAT VARIETY.



MINNOW.



SPOON BAITS.

1 to 2 1/2, assorted shapes.

Fishing Lines and Sundries.



FISHING ROD.

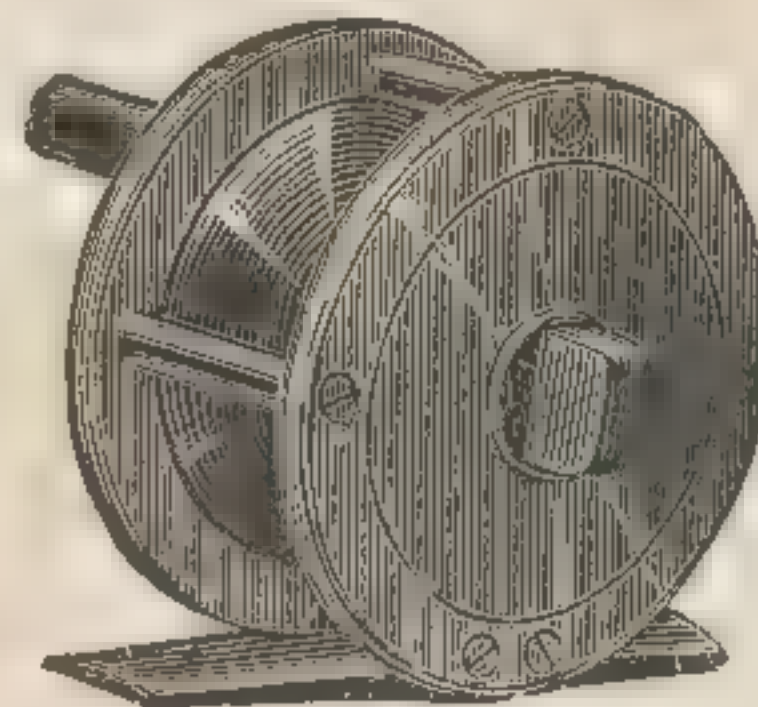
Bamboo 3 or 4-joint, Hickory ditto, 12, 14, 16ft. All Qualities for all Kinds of Fishing.



FLOAT.

FLOATS, Egg Shape, 1 to 2½ in.
Barrel Shape, 2½ to 4 in.

SILK WORM CUT, in hanks of 100, 12 inches long. All qualities.
CUT CASTS, 1, 2, 3 yds., all qualities.
CUT TRACES, 1½ yds.
CIMP TRACES, 1½ yds.
SINKERS ALL SIZES AND SHAPES.



REELS, wood and brass, 2 to 5 inches.

BRASS BOX SWIVELS, ½ to 2 in.
ROD FERRULES AND COUNTERS, all sizes
SPRING BALANCES FOR WEIGHING 20 x ½ lb.
30 x ½ lb.
EXTRA ROD TOPS.
TELESCOPIC GAFFS.

LINES.

Waterproof Silk Lines. Mounted Lines Stocked.

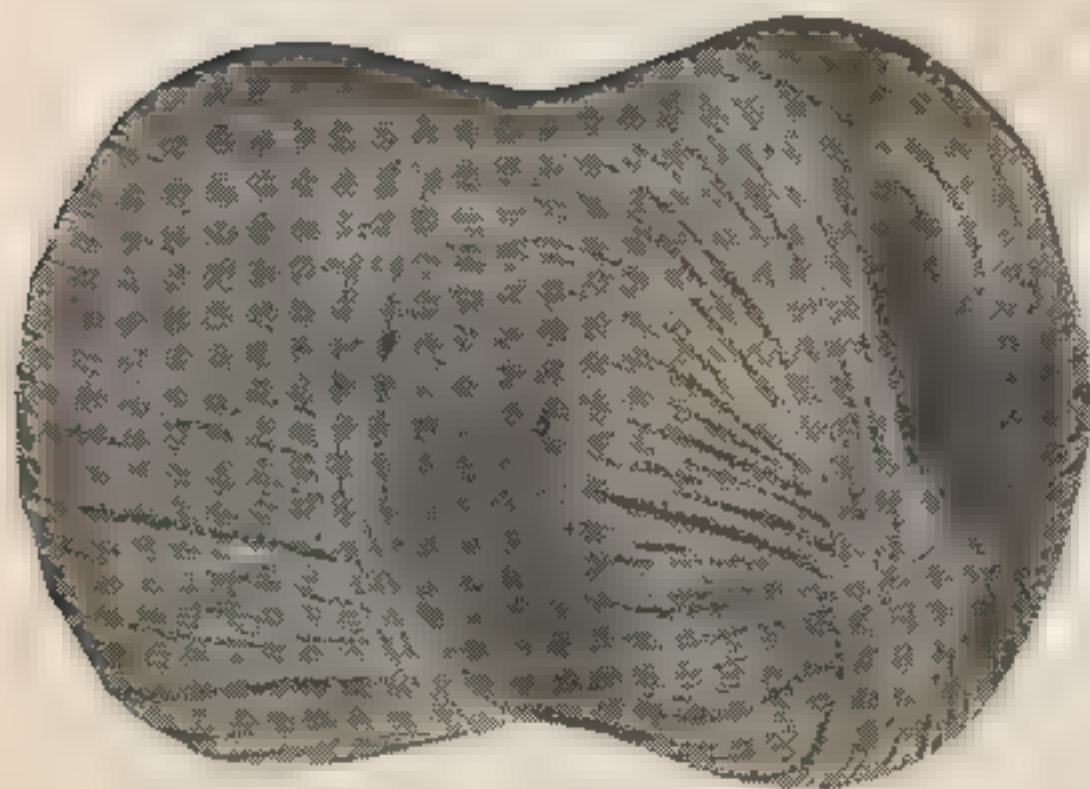
COLONIAL—Tanned, Drab, and White, in hanks or reels, from 25 to 250 yards. All qualities and thicknesses.

WHITE COTTON.—4, 6, 8, 10, 12ozs., 20 yards long; 14ozs., 1, 1½, 2, 3, 4, 5, 6, 8lbs., 30 yards long.

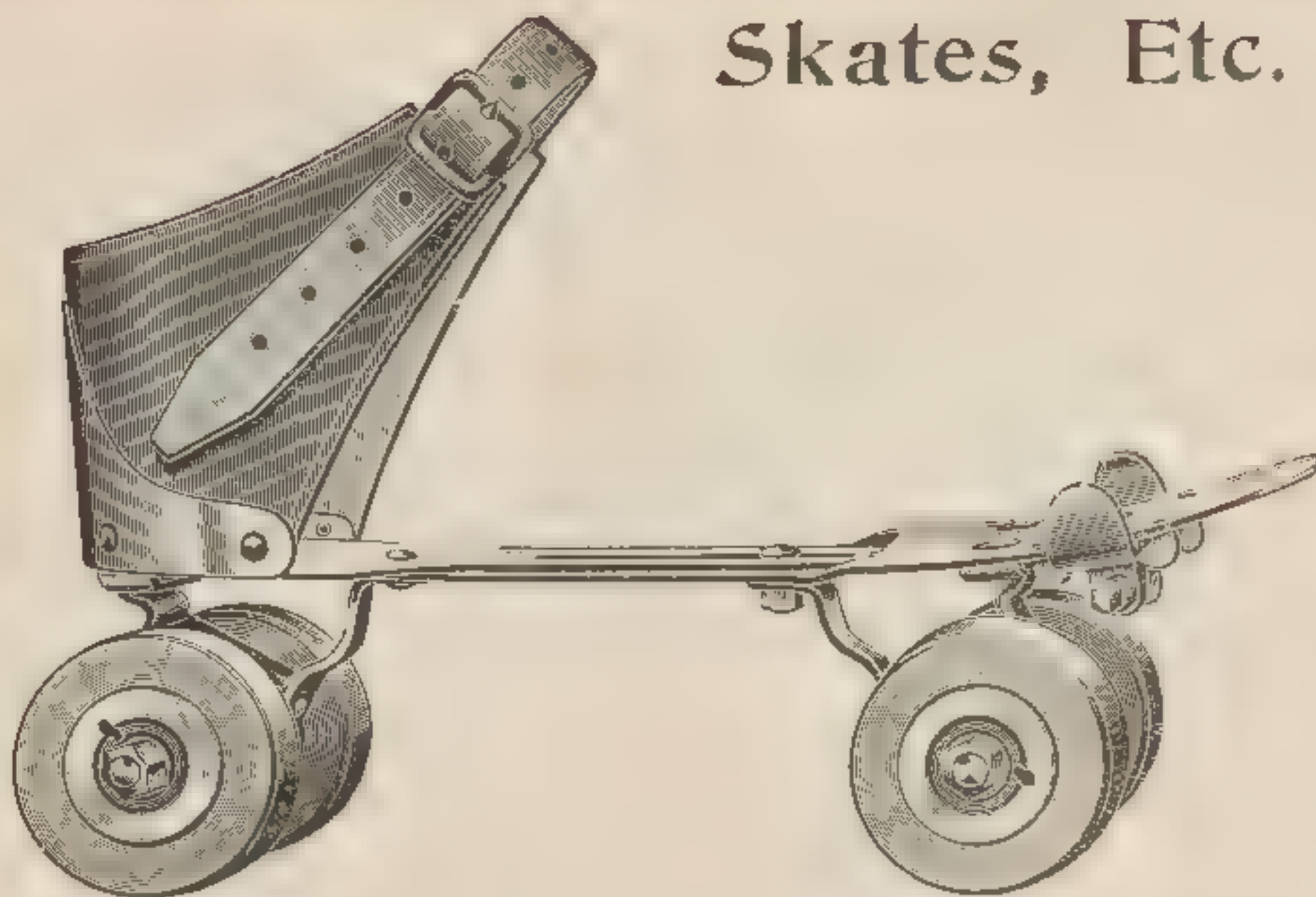
HOUNSELL'S BROWN HEMP.—6, 8, 10, 12, 14, 16, 20, 24ozs., 20 yards long; 2, 2½, 3, 4lbs., 20 yards long; 5, 6, 7, 8, 10, 12, 14, 16, 18, 20 lbs., 30 yards long.

HOUNSELL'S HERRING TWINE, in ½ lb. hanks.

	6	7	9	12	15	18	24	27	30	36	48lbs.
Numbers	190	189	231	228	225	222	216	213	166	204	192.

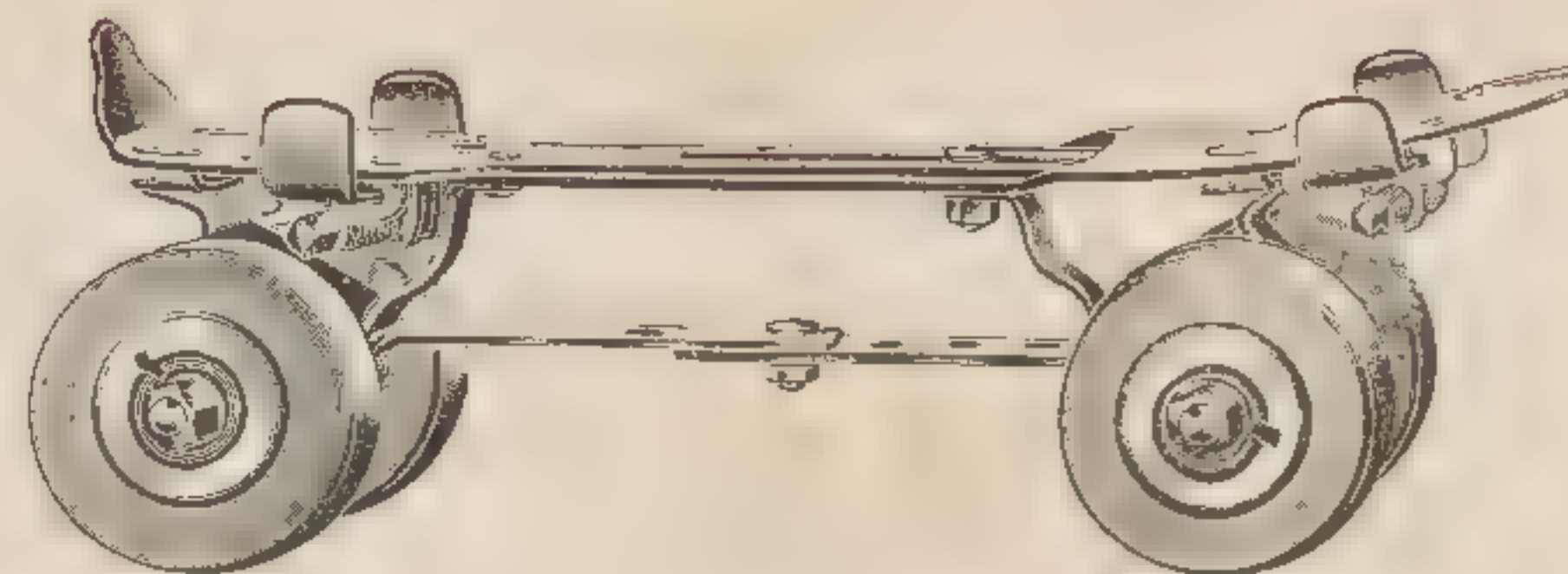


Skates, Etc.



WINSLOW'S LADY'S SKATES.

Plain and Ball-bearing Extension Pattern Skates, fitted with Fibre Wheels (superior to Boxwood for wear). Ladies' and Gent's sizes stocked in several qualities. Extra wheels stocked.



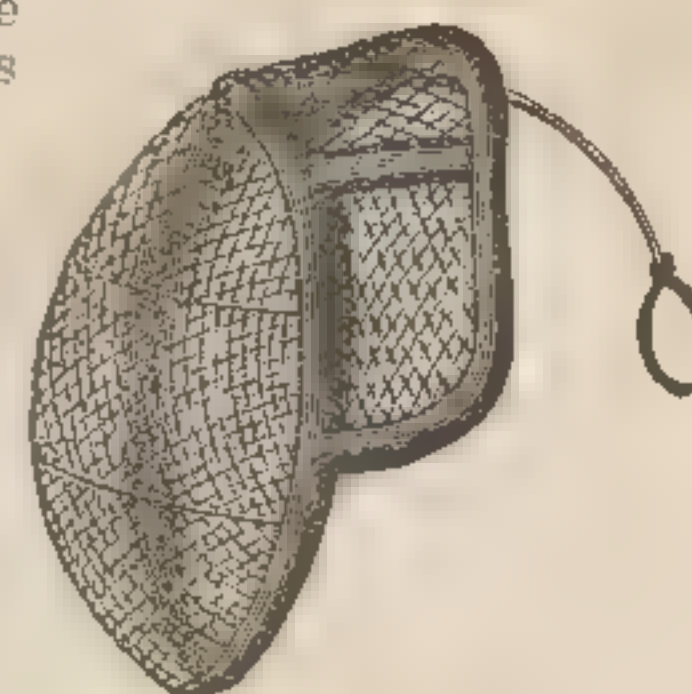
WINSLOW'S GENT'S SKATES

Ball-bearing, Extension Pattern, fitted with steel support bar and fibre wheels, bright full nickel-plated. Also Ladies' sizes stocked.

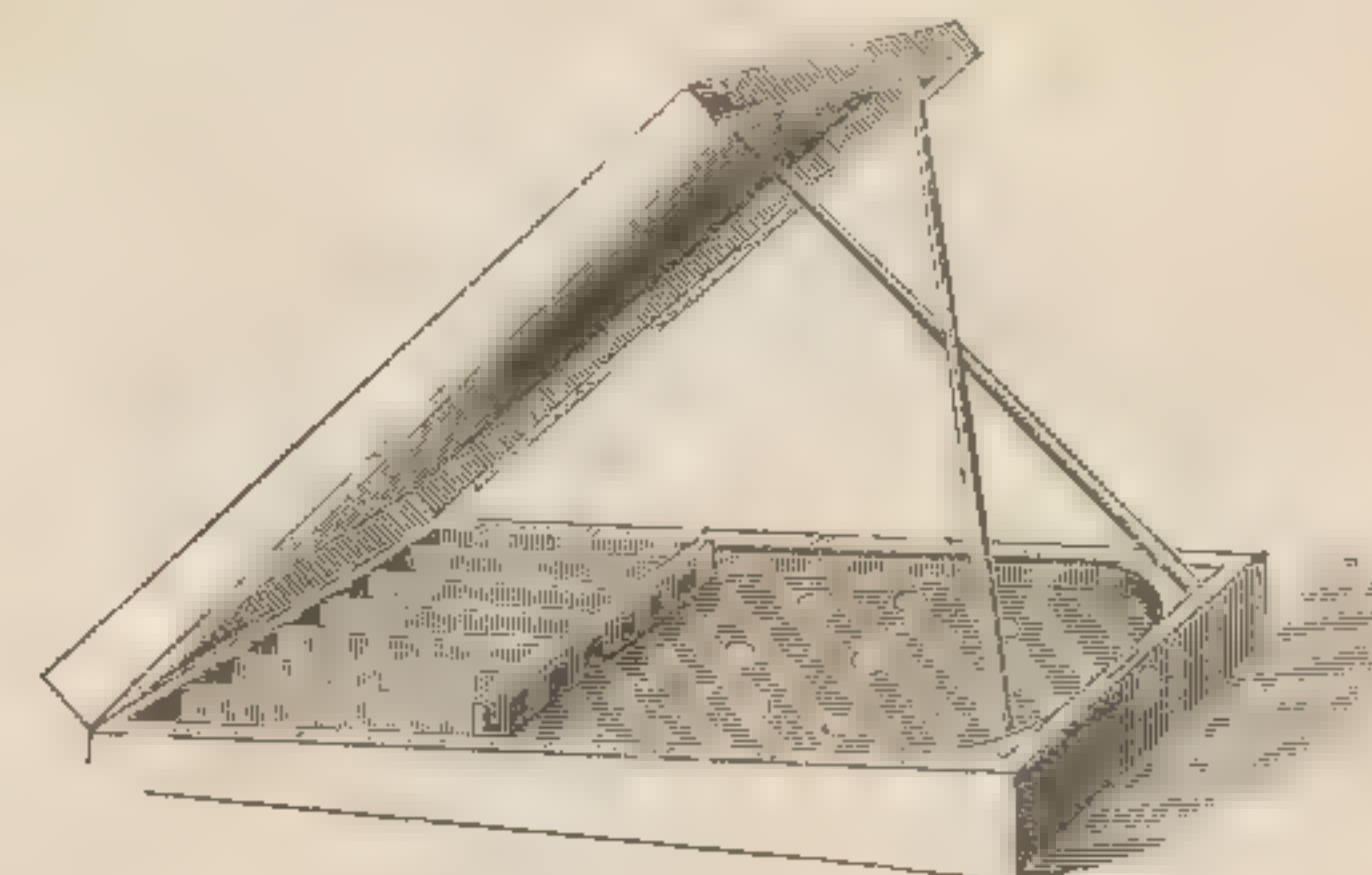


PUFF BILLIARDS.

The object is to place the Cork Ball into the holes, by blowing it about on the Board with the Inflators supplied with the game.



MASK.
French and
Italian Patterns.



BAGATELLE

Bagatelle Boards, 8, 9ft.
Ordinary and Best Quality.



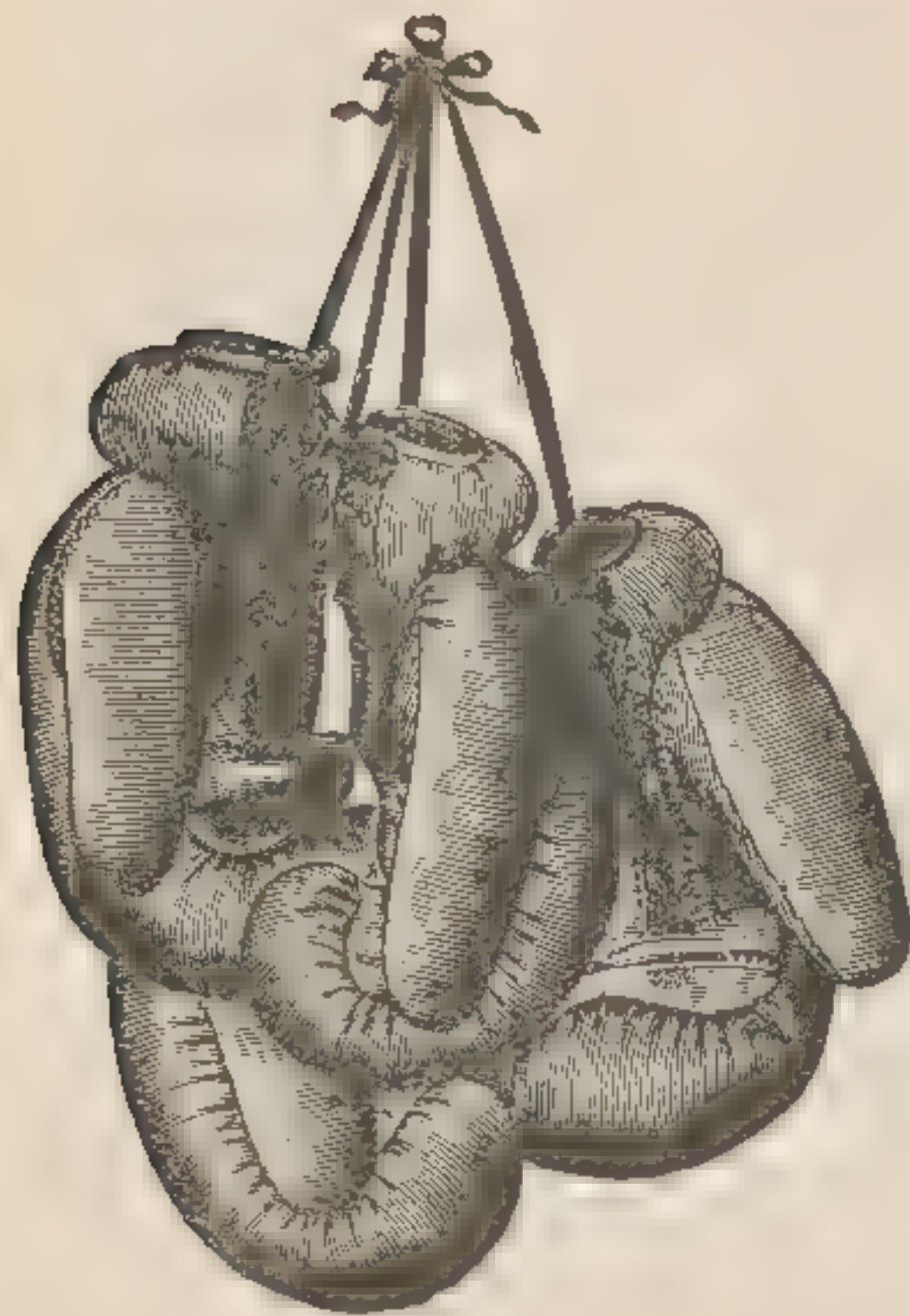
SINGLE STICKS. Wicker Hilts, Ash Sticks.



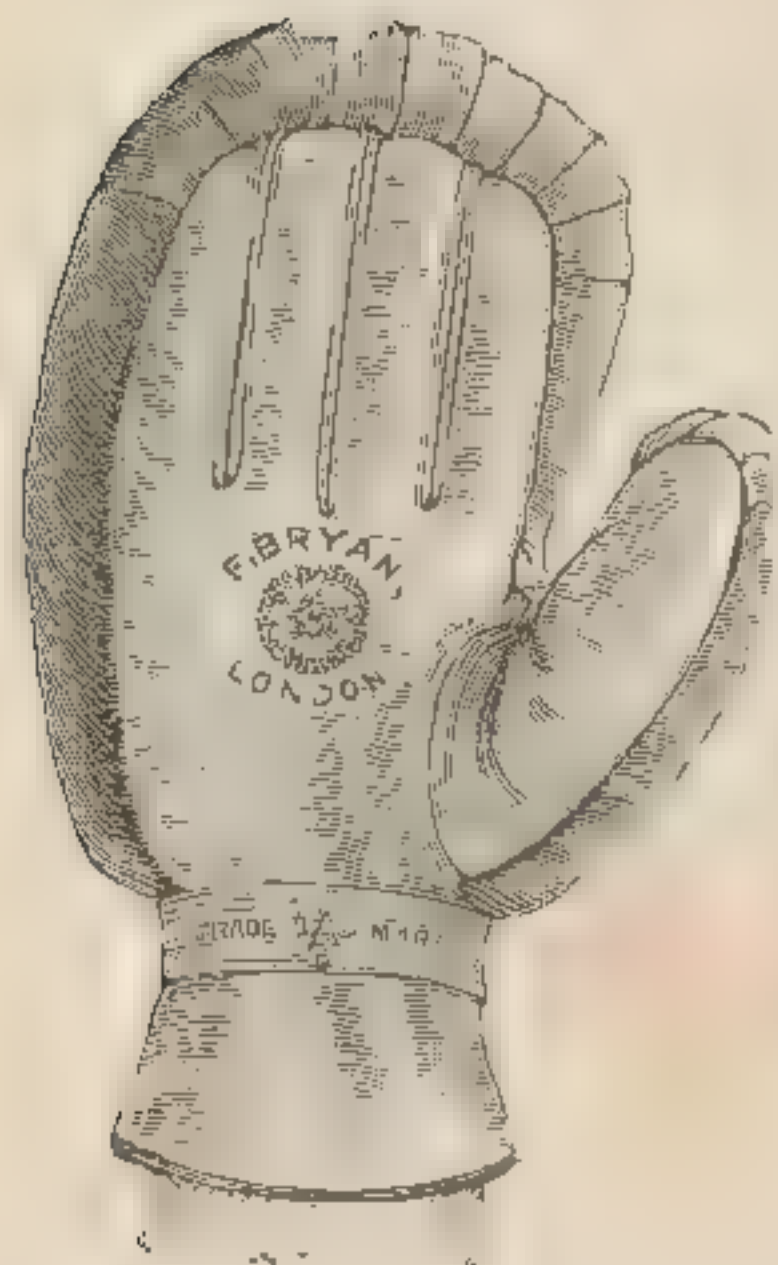
FENCING FOILS. Ladies' and Gent's.
French and Italian Patterns stocked.

I.R. FOIL TIPS, CLOVES, GAUNTLETS, JACKETS, 1 or 2 arm.

Gymnastics.

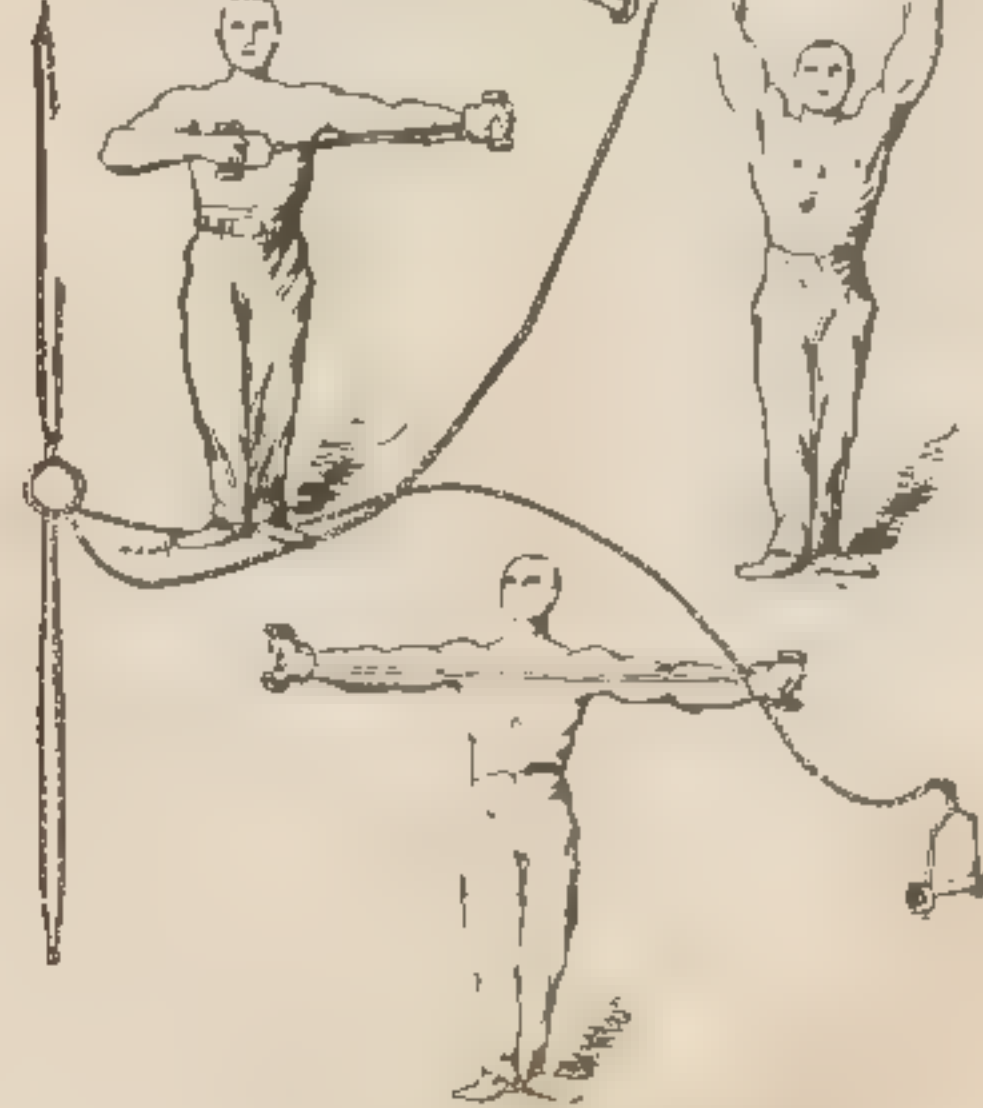


"CORBETT" PATTERN
BOXING GLOVES.



BRYAN'S CHAMPION, 4, 6, 8 oz.
Ross' (English make),
8oz., in various
qualities.

SANDOW'S OWN COMBINED DEVELOPER
USED AS
CHEST-EXPANDER



SANDOW'S DEVELOPER,
or Exerciser.



THE "ARMY"
PUNCHING BALL.



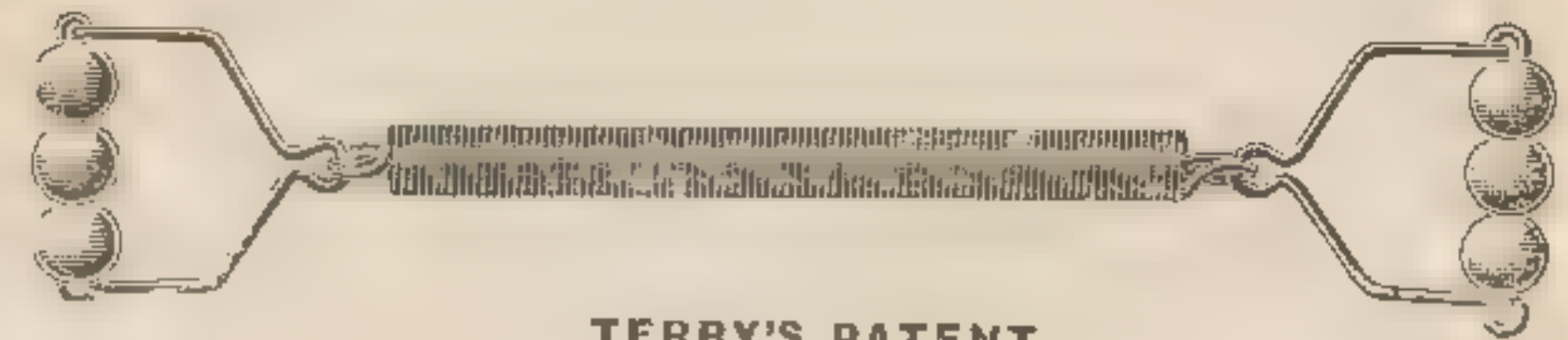
PUNCHING BALL.



HAND RINGS,
ALSO HORIZONTAL BARS
COMPLETE.
SPARE BARS STOCKED.
PARALLEL BARS.



SWINGING TRAPEZE.



TERRY'S PATENT.
Wire Chest Expander.
Youth's, Lady's, Gent's.



INDIAN CLUBS. $\frac{1}{2}$ to 6 lbs.



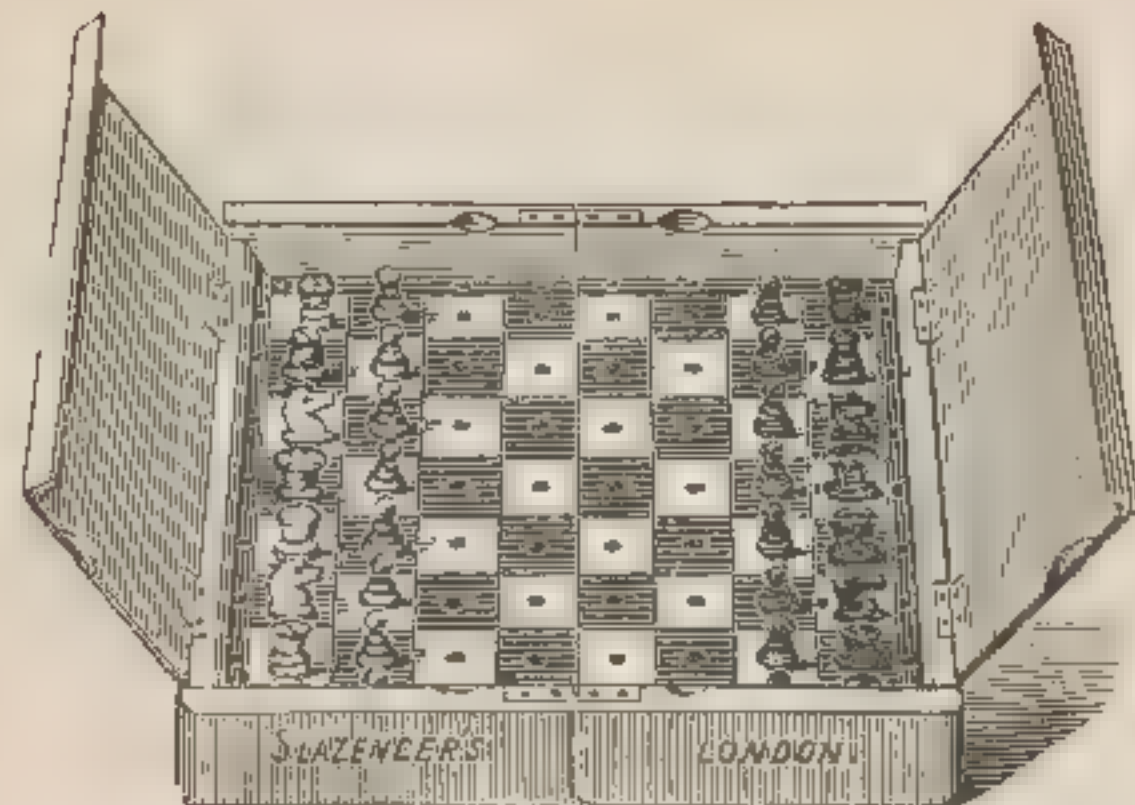
THE LATEST SHAPE
PUNCHING BALL.



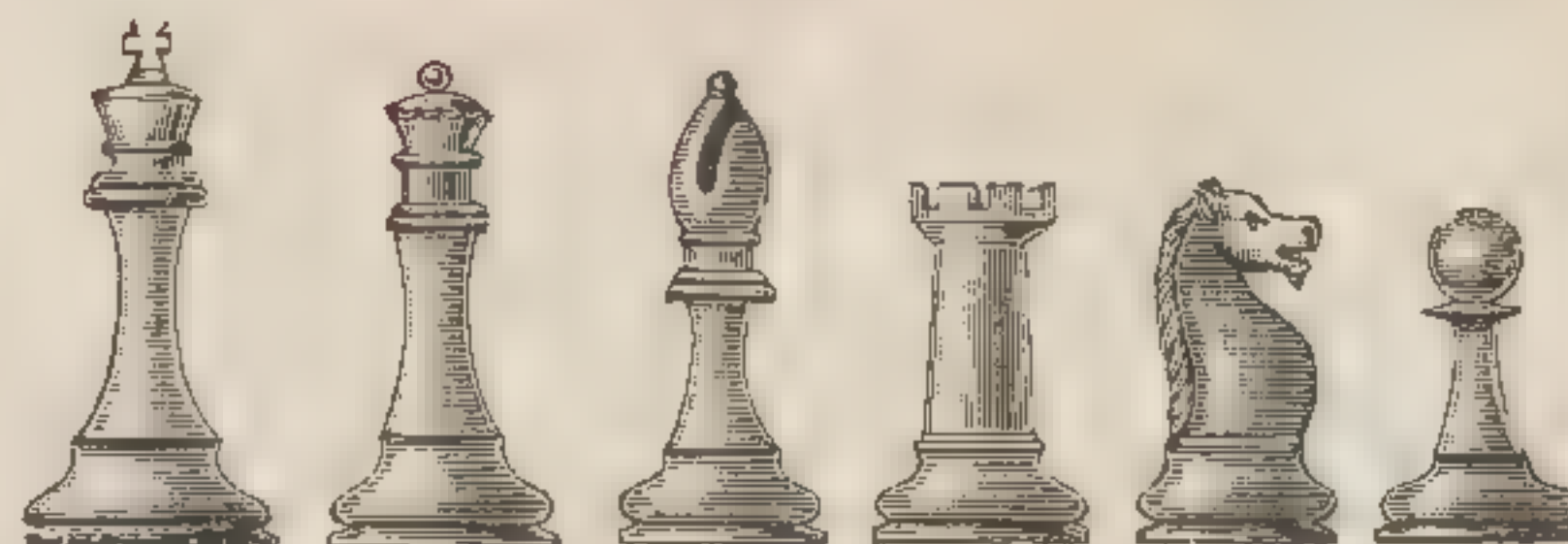
DUMB BELLS.
SANDOW'S:
Youths', Ladies',
and Men's
Ordinary, Iron,
all weights.
Ordinary, Wood,
all weights.

BAR BELLS.

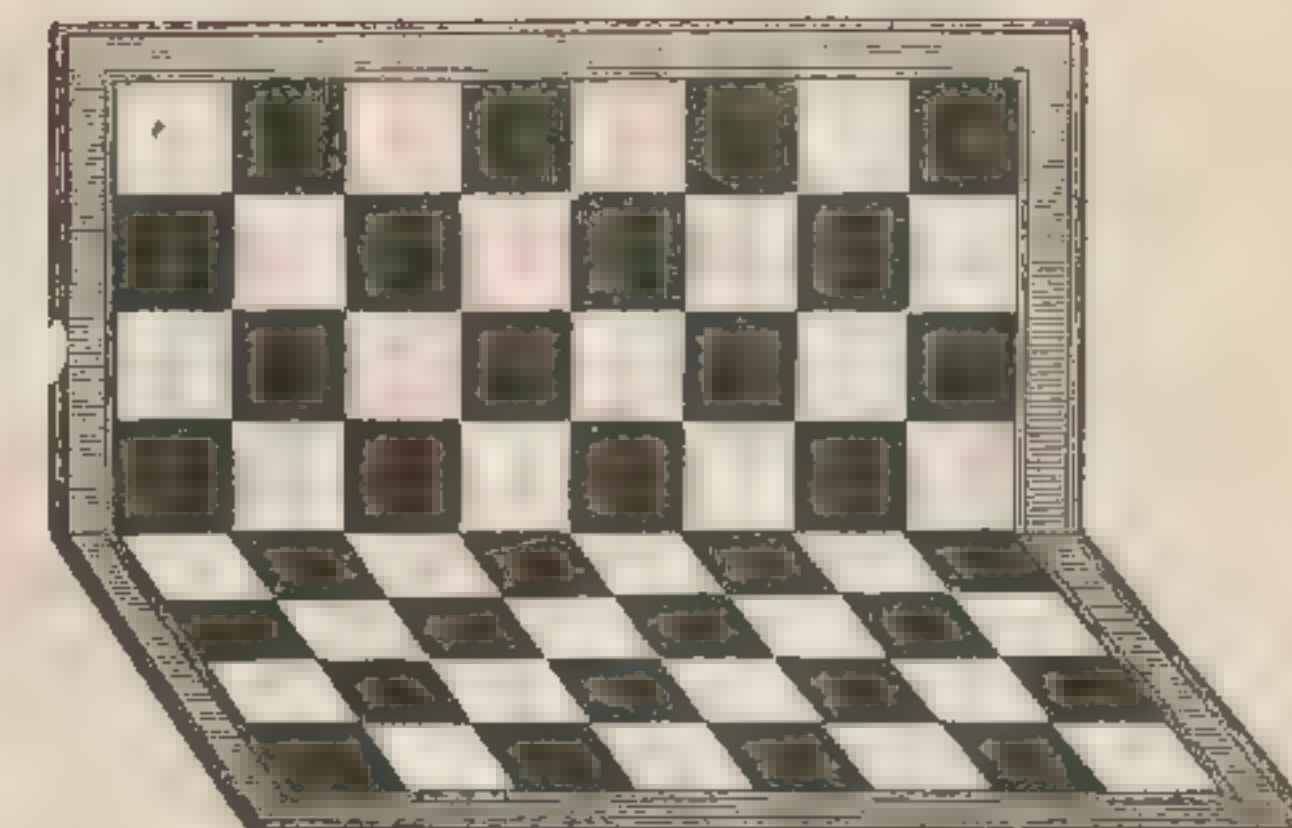
Parlor Games.



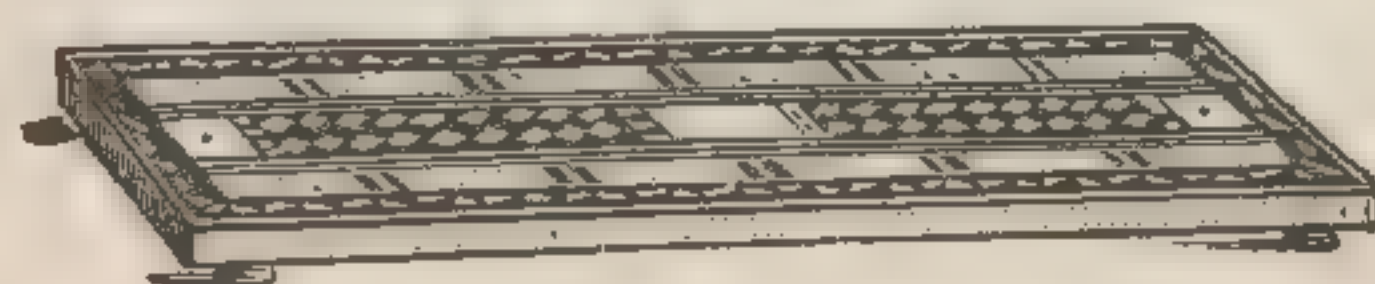
"IN STATU QUO" CHESSMEN.
For Travellers.



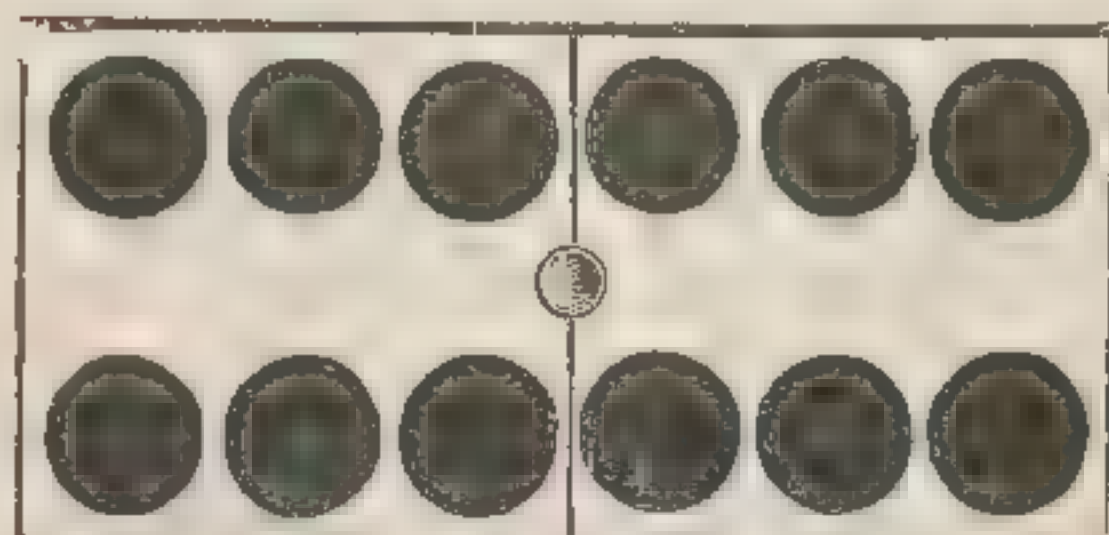
CHESS.
Staunton's Match and other shapes in all sizes.



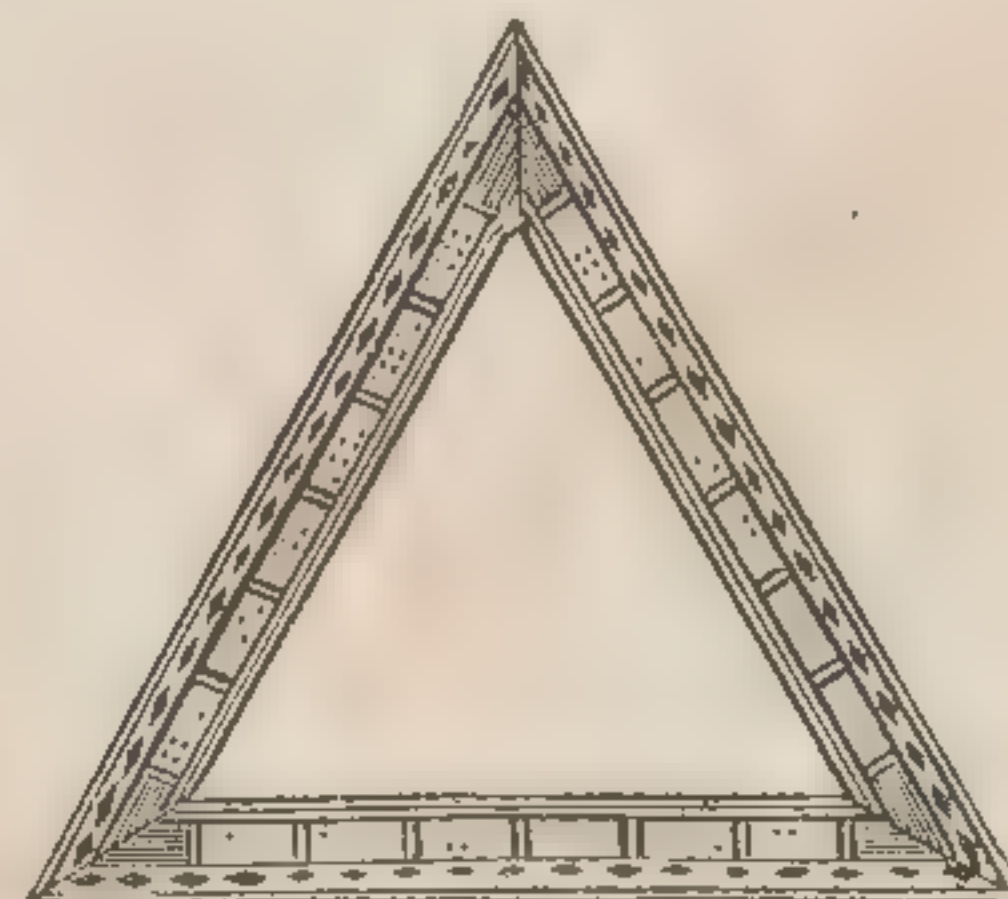
**CHESS, DRAUGHT AND BACKGAMMON
BOARDS.**
In all sizes and qualities.



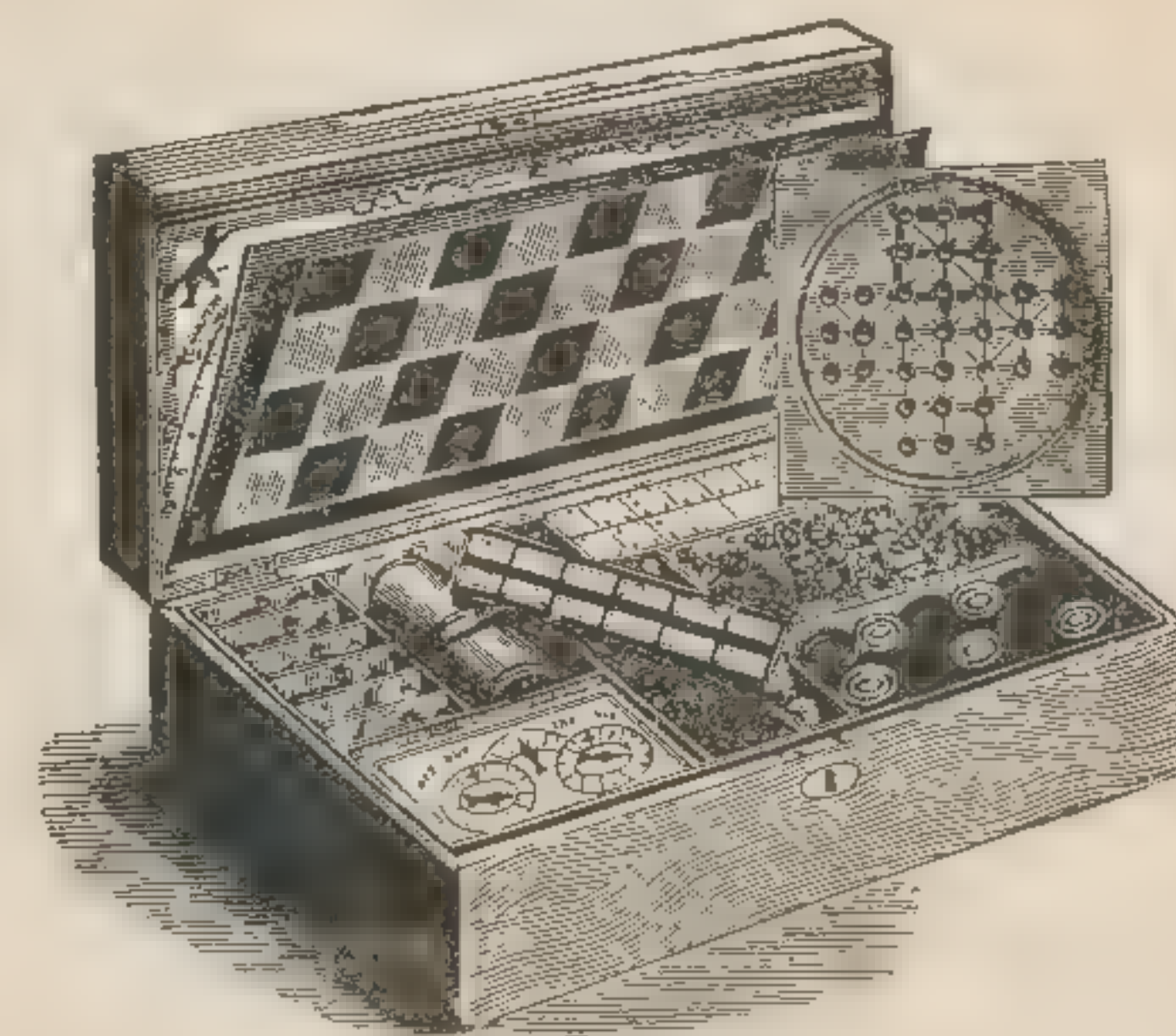
CRIBBAGE BOARDS.
All kinds and qualities.



DOMINOES.
All sizes and qualities.



TRIANGULAR CRIBBAGE BOARDS.



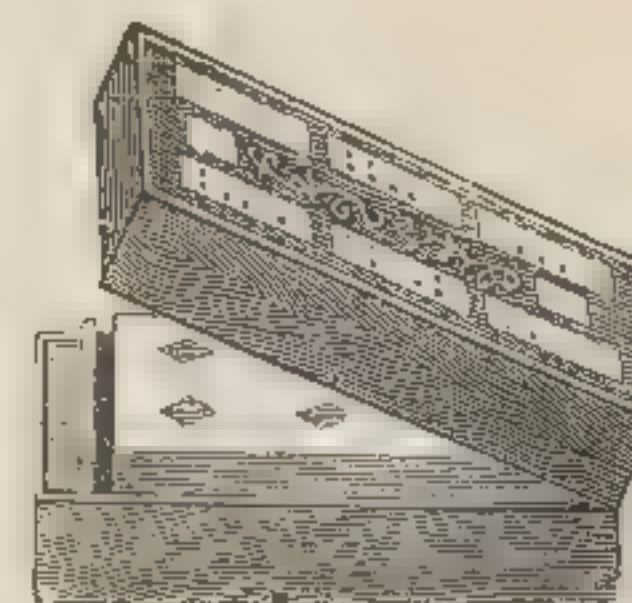
COMPENDIUM OF GAMES.
Various sizes and sundries.



DRAUGHTS.
All sizes. In bone and wood.



PLAYING CARDS.
Various qualities.



**FOLDING CRIBBAGE
BOARD.**

**BEZIQUE, BRIDGE, WHIST, PATIENCE,
PIQUET, DICE, CARD COUNTERS,
BRIDGE MARKERS, WHIST MARK-
ERS, BEZIQUE MARKERS.**

Tools of all Trades.

Adzes, Anvils and Augers.



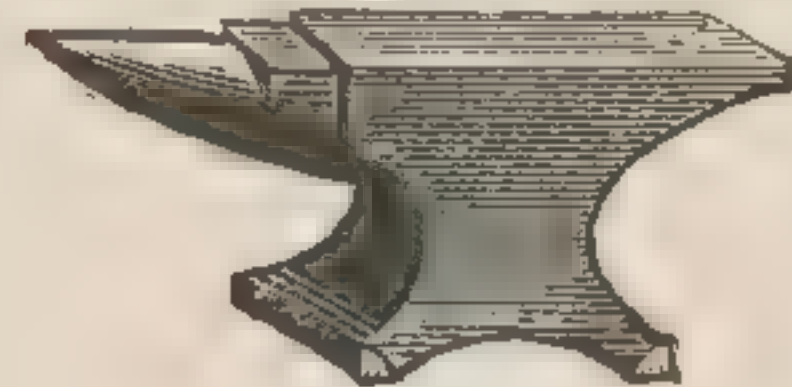
GILPIN'S SHIPWRIGHT ADZE.
No. 27.—1, 2, 3.



CARPENTER'S ADZE.
R. SORBY'S, Black and Gilt, Nos. 1, 2, 3.
Whitehouse's, 1, 2.



CANOE OR CUTTER ADZE.
Whitehouse's and other makes.



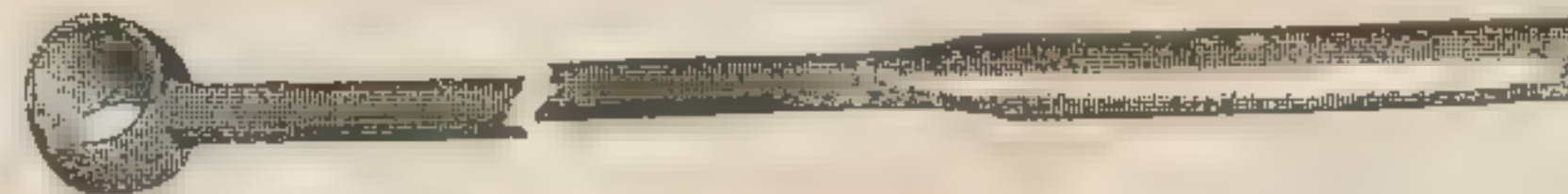
ANVIL.
PETER WRIGHTS, 28lbs., 1, 1½, 2, 3, 4 cwt.
WILKINSON'S 40, 41/9 50/6 57/70 71/94 95lbs.
up to 3 cwt.



AMERICAN-SHIPWRIGHT'S ADZE.
(Sharp's and Collin's.)



WHEELER'S ADZE.
R. SORBY'S BLACK AND GILT, Nos. 1, 2, 3, 4.
WARD AND PAYNE'S BLACK AND GILT, 1, 2, 3.
GILPIN'S, No. 38, 1, 2, 3, 4.
LOCKWOOD, No. 2.
BRADES' Nos. 1, 2, 3.
WHITEHOUSE, Nos. 1, 2.



MATHIESON'S SHELL AUGER. ¾ to 1½ inch.

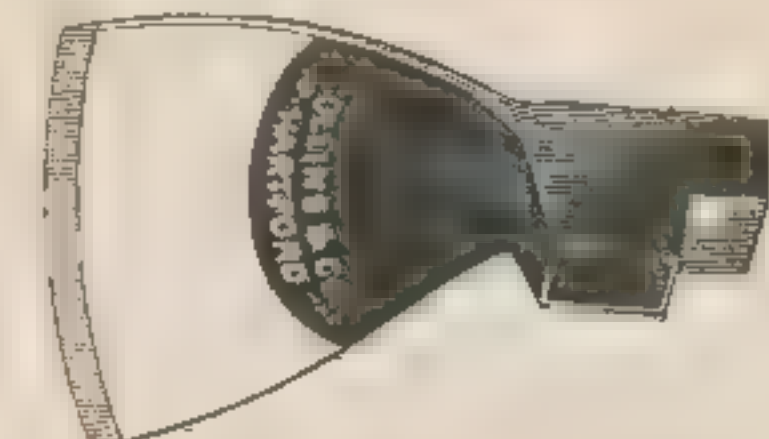


LA HOMMEDIU BULLNOSE AUGER
¾, 7-16, ½, 9-16, ⅝, 11-16, ¾, 13-16, 7/8, 15-16, 1 1-16, 1½, 1 3-16, 1¼, 1½, 1½ inch.

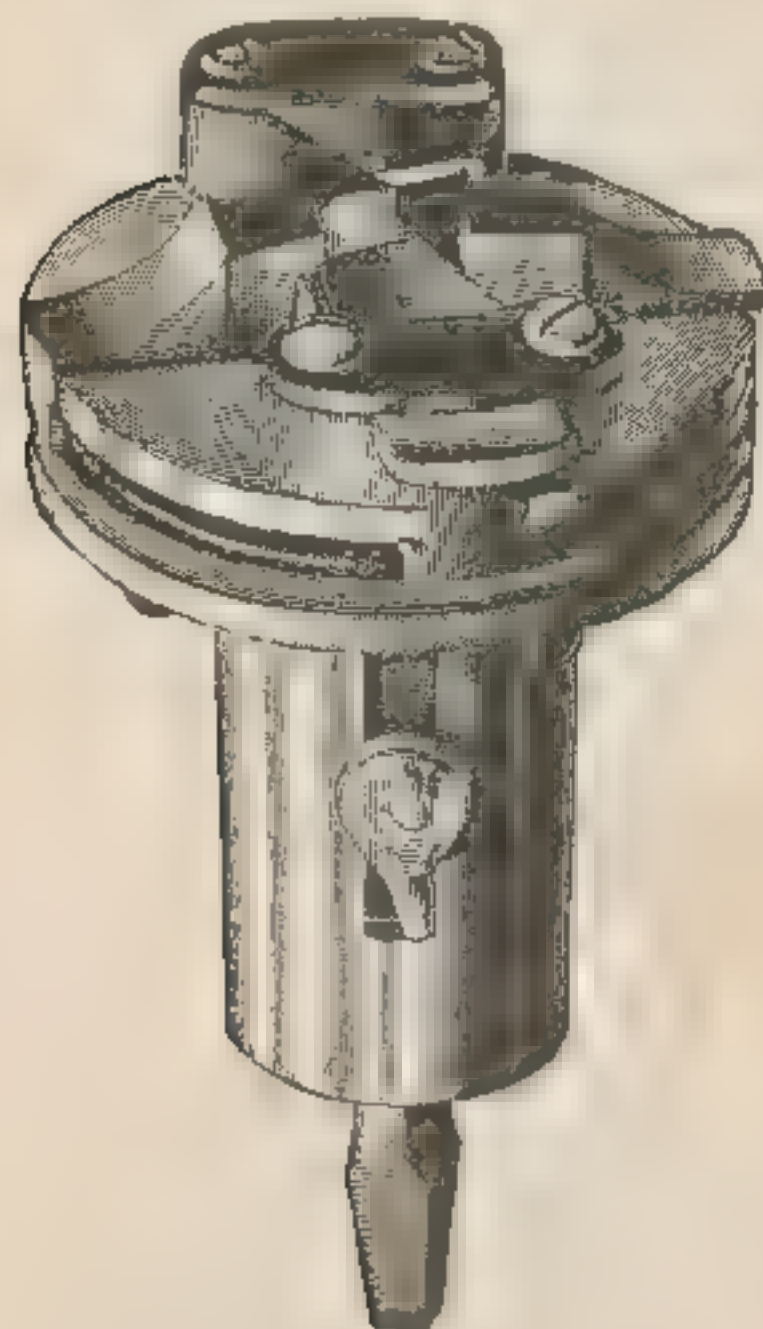


MATHIESON'S DOUBLE TWIST BRIGHT SCREW AUGERS, SINGLE AND DOUBLE
THREAD POINTS.

23/- 23/- 23/- 23/- 23/- 26/- 26/- 31/6 34/6 39/- 43/6 50/- 60/- 72/- 85/-
¼ 5-16 ⅝ 7-16 ½ 9-16 ¾ 1 1½ 1¼ 1½ 1¾ 2 2½ 2¾ 3 in.



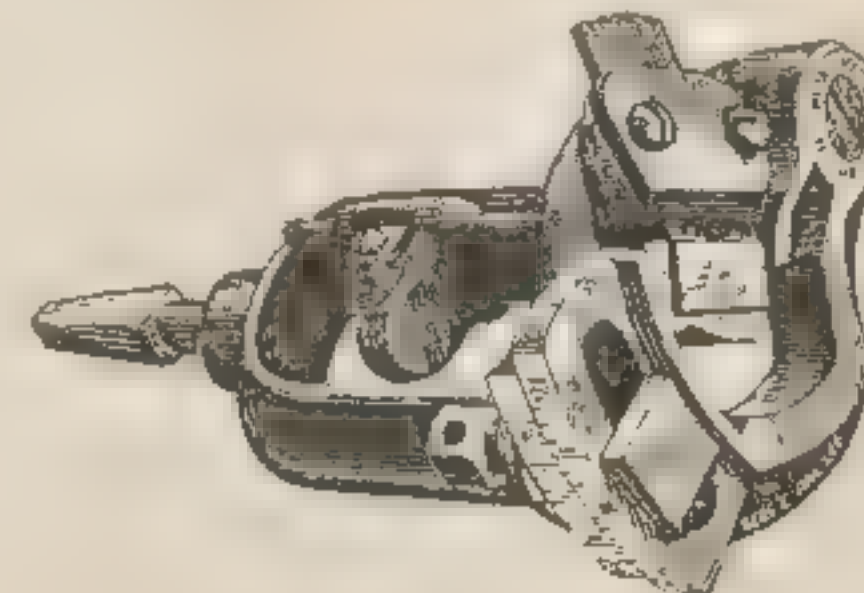
RAILROAD ADZE.
6, 7, 8 inch.



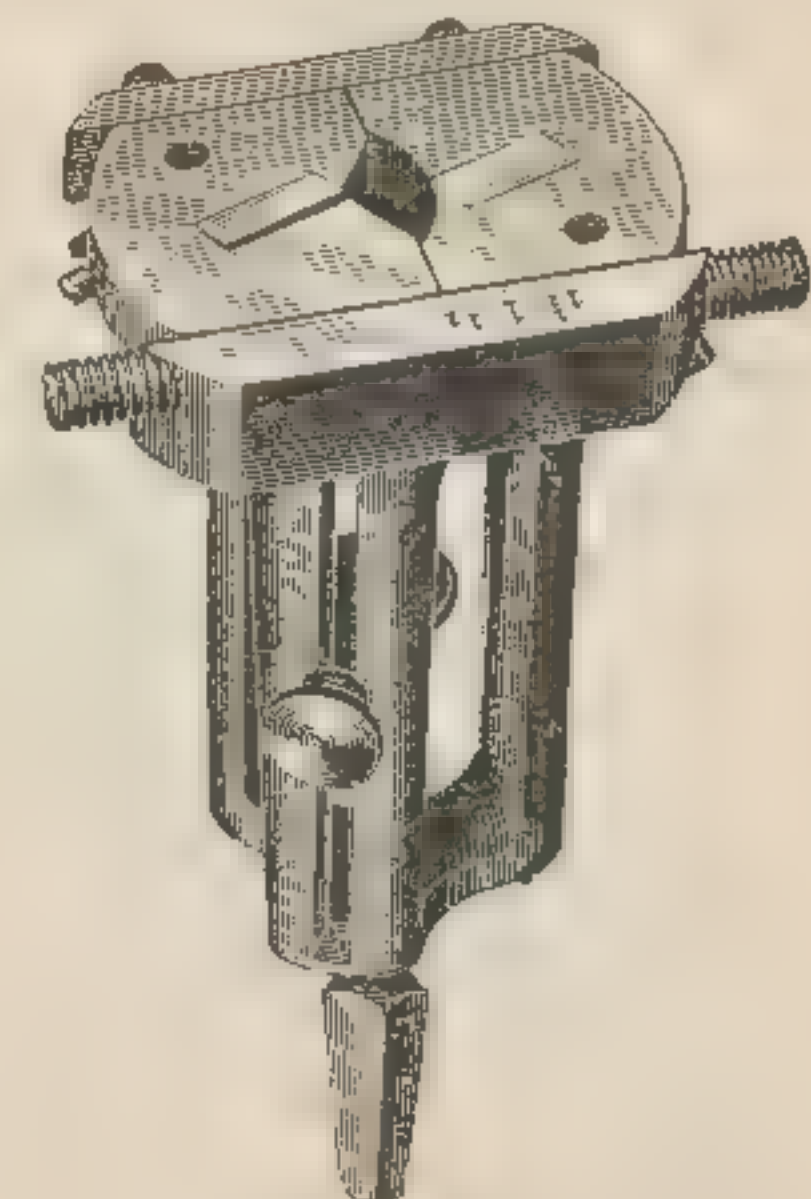
UNIVERSAL ADJUSTABLE
HOLLOW AUGER,
½ to 1½ inch.



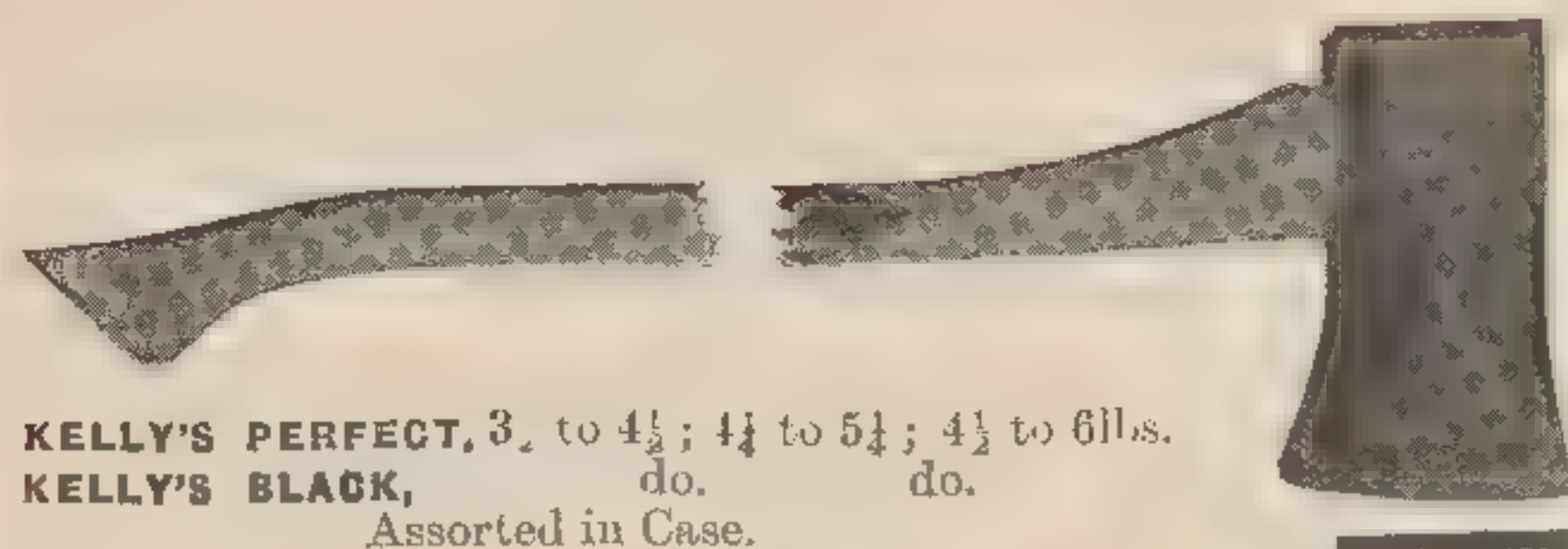
IMPROVED HOLLOW AUGER.
½, ⅝, ¾, 7/8, 1, 1½ inch.



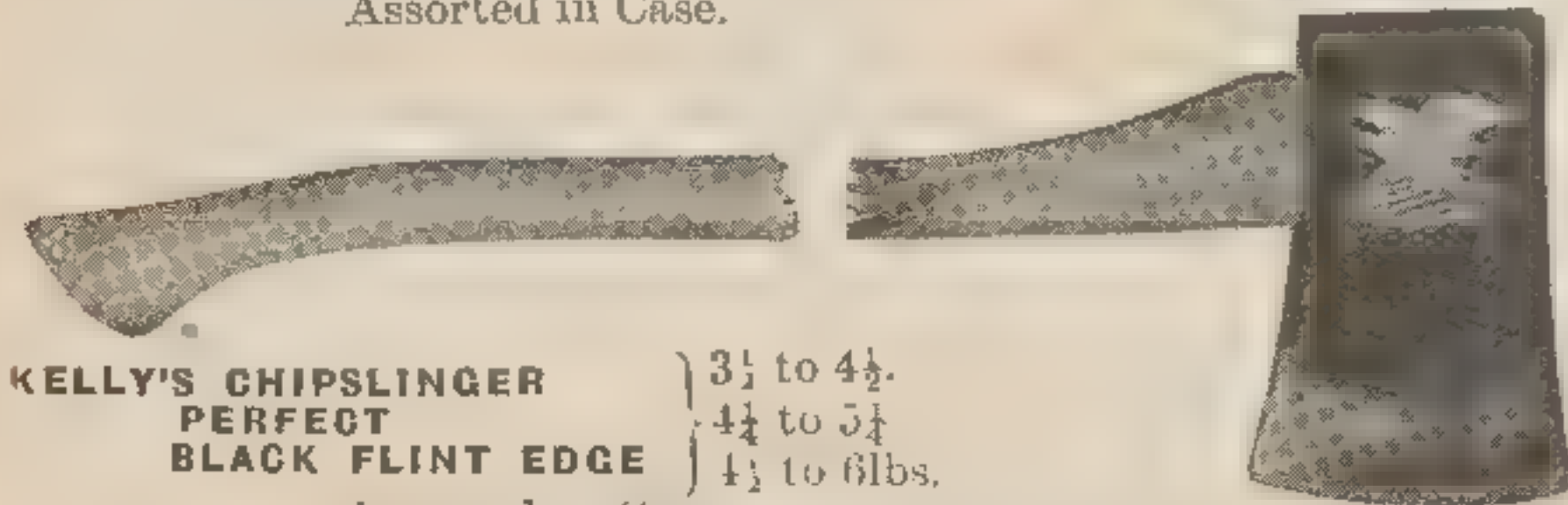
MILLER'S ADJUSTABLE HOLLOW AUGER.
½ to 1½ inch.



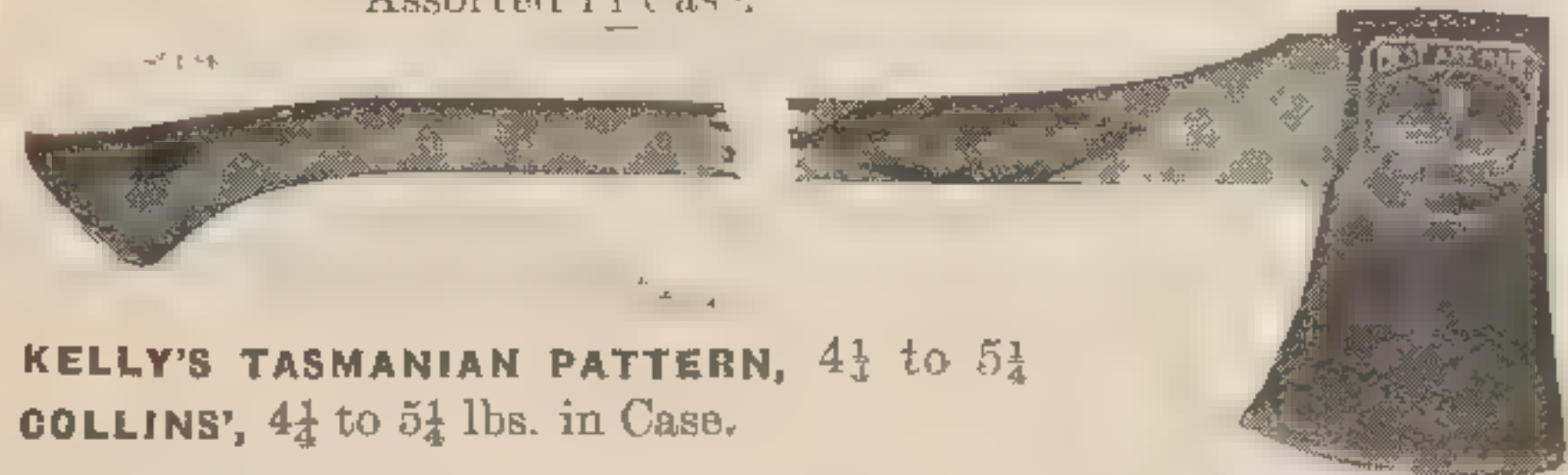
IVES' ADJUSTABLE
HOLLOW AUGER.
½ to 1½ inch.



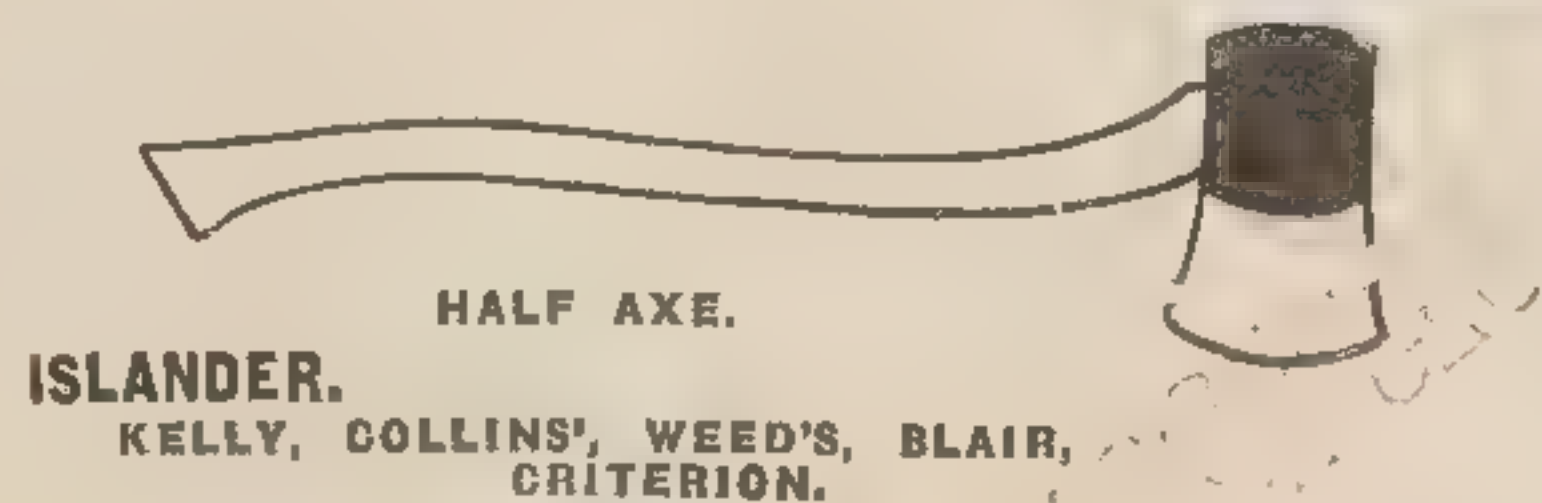
KELLY'S PERFECT, 3, to 4½; 4½ to 5½; 4½ to 6 lbs.
KELLY'S BLACK, do. do.
 Assorted in Case.



KELLY'S CHIPSLINGER PERFECT BLACK FLINT EDGE } 3½ to 4½.
 } 4½ to 5½.
 } 4½ to 6 lbs.
 Assorted in Case.



KELLY'S TASMANIAN PATTERN, 4½ to 5½
COLLINS', 4½ to 5½ lbs. in Case.



HALF AXE.
ISLANDER.
 KELLY, COLLINS', WEED'S, BLAIR,
 CRITERION.



PITTSBURG SQUARING AXE.
 Sharp's 10, 11, 12, 13, 14 inch
 Weed's 10, 11, 12, 13, 14 inch
 Hurd's — — 12, 13, — inch
 Collins' — — 12, 13, 14 inch
 Plumb's — — 12, 13, 14 inch.



COLLIE KING.
 12, 13, 14 inch.

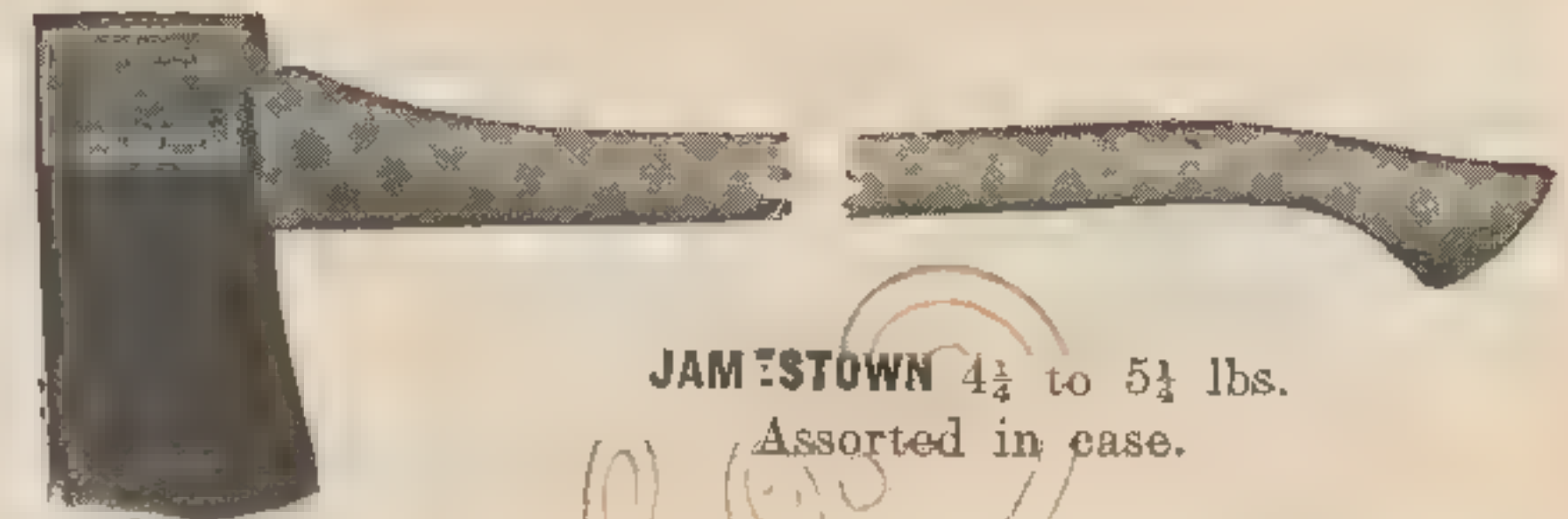
Axes.

PATTERNS
MAINE.

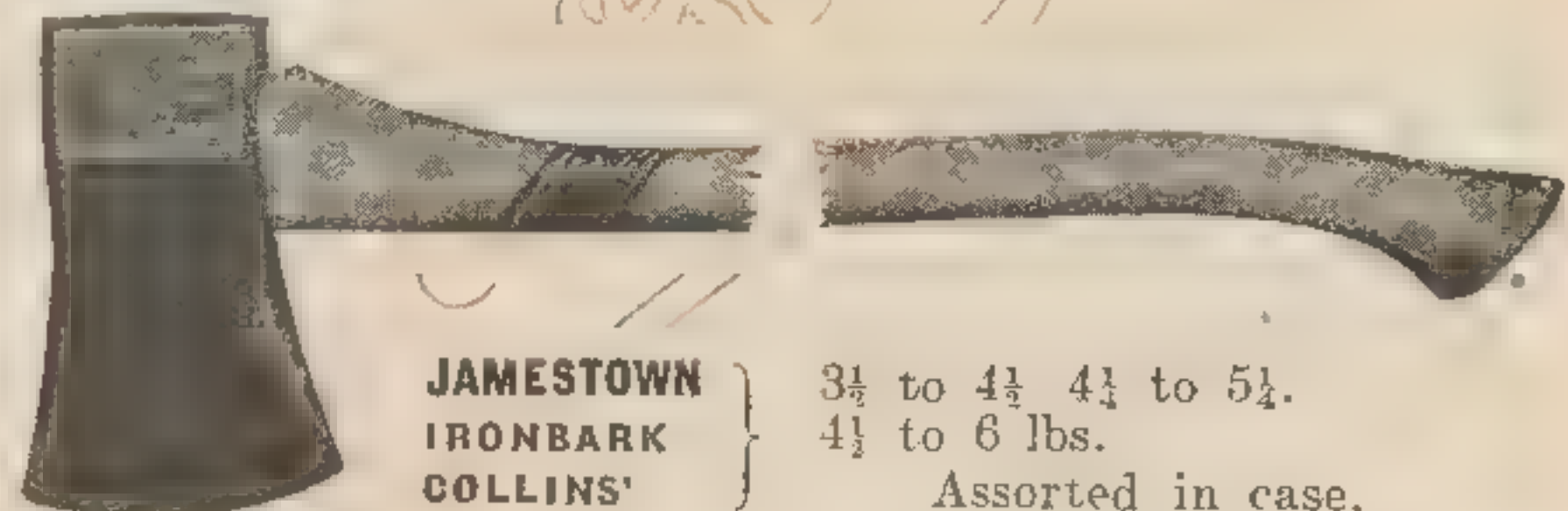
YANKEE.

TASMANIAN.

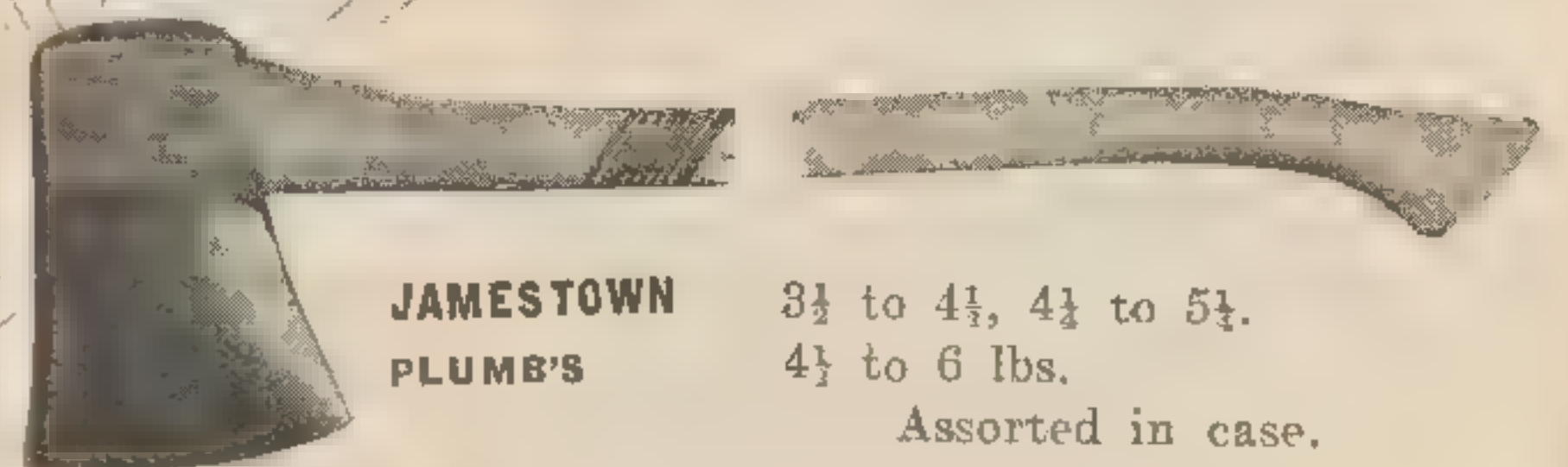
MORTICE AXE.
 Sorby's, and others,
 1½ to 2½ inches.



JAMESTOWN 4½ to 5½ lbs.
 Assorted in case.



JAMESTOWN IRONBARK COLLINS' } 3½ to 4½ 4½ to 5½.
 } 4½ to 6 lbs.
 Assorted in case.



JAMESTOWN PLUMB'S 3½ to 4½, 4½ to 5½.
 4½ to 6 lbs.
 Assorted in case.

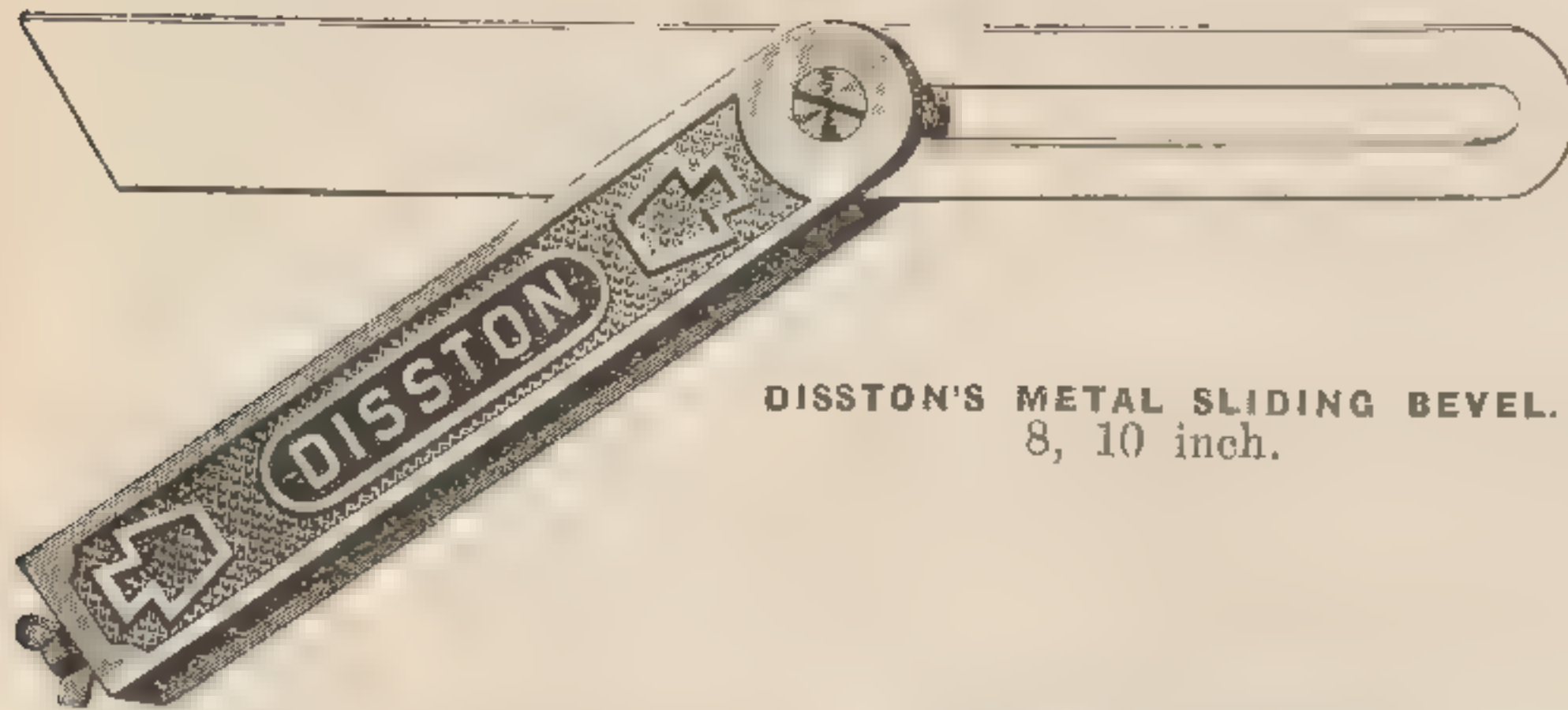


THREE-QUARTER AXE.
ISLANDER. WEED'S
 KELLY BLAIR
 COLLINS CRITERION

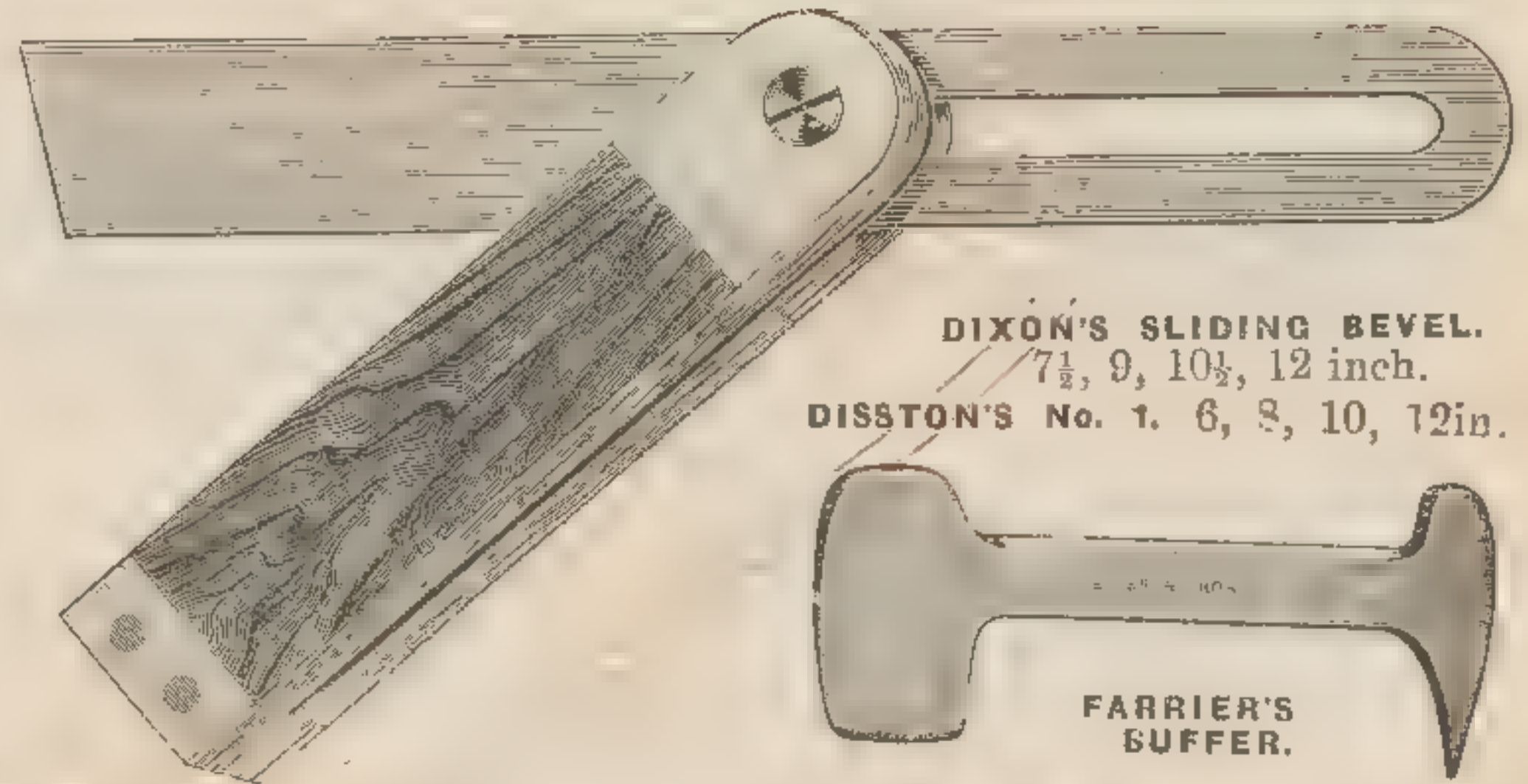


NEW ORLEANS SQUARING AXE.
 Sharp's 10, 11, 12, 13, 14 inch.
 Weed's 10, 11, 12, 13, 14 "
 Hurd's — — 12, 13 — "
 Collins' — — 12, 13, 14 "
 Plumb's — — 12, 13, 14 "

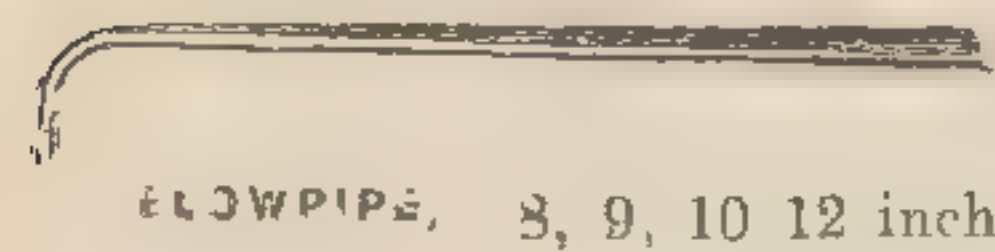
Awls, Bevels, Benches, Etc.



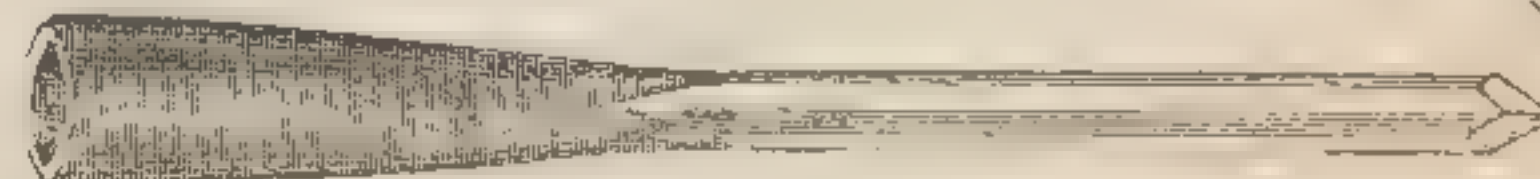
DISSTON'S METAL SLIDING BEVEL.
8, 10 inch.



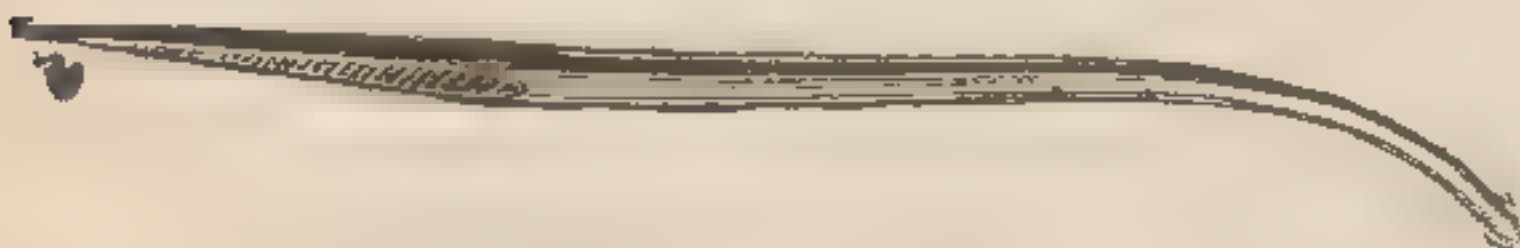
DIXON'S SLIDING BEVEL.
7½, 9, 10½, 12 inch.
DISSTON'S No. 1. 6, 8, 10, 12in.



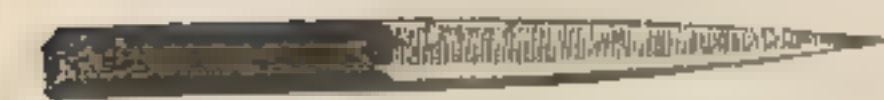
BLOWPIPE, 8, 9, 10 12 inch



WHEELER'S BRUZZ, ½, ¾, 1 inch.



SEWING AWL BLADE.



PEGGING AWL BLADE.



BRADAWL BLADE.



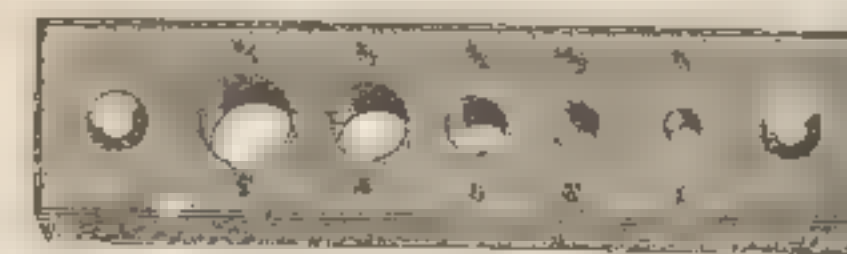
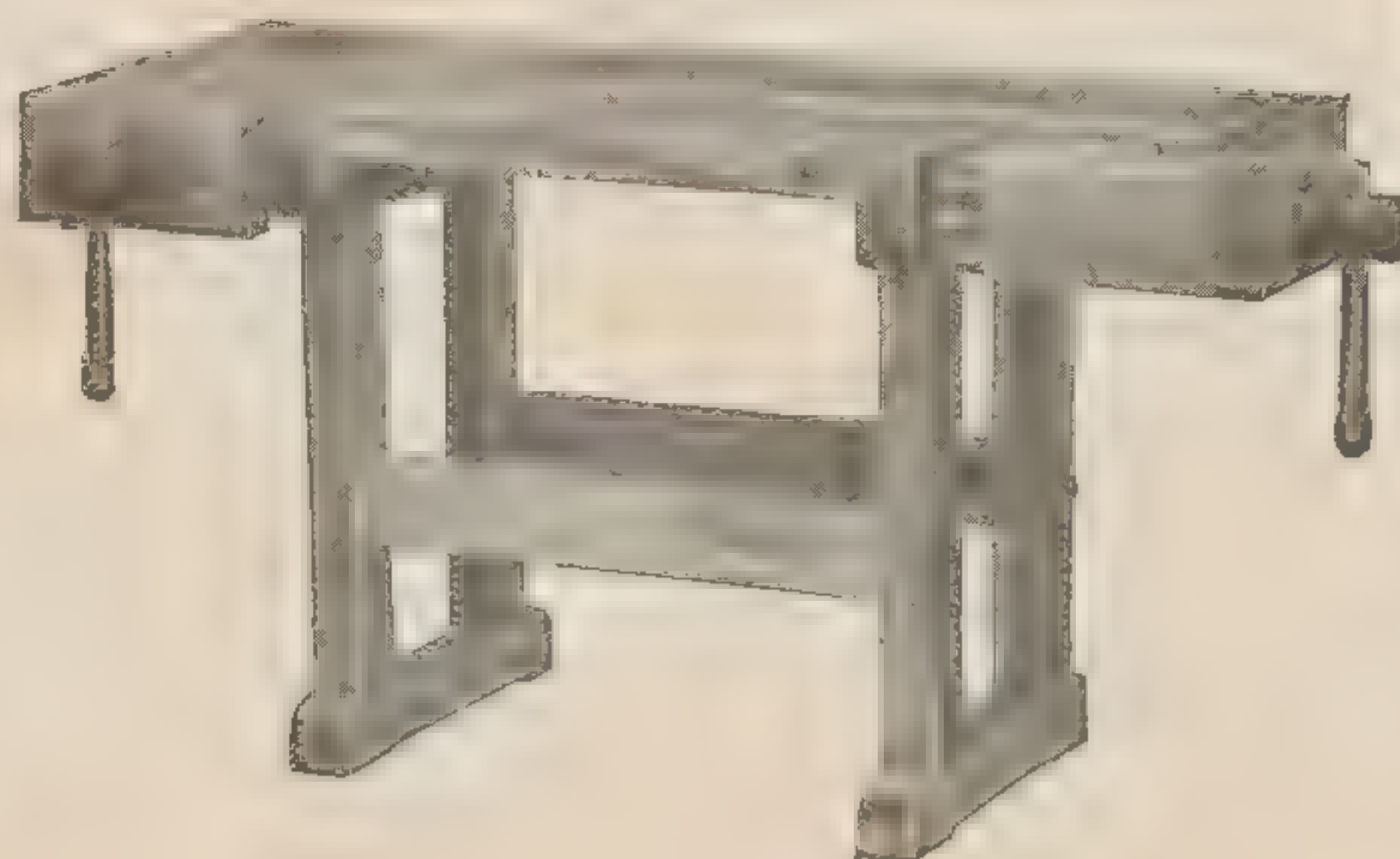
BRADAWL
Mathieson's Marples', and others.



MARKING AWL.



BOATBUILDER'S BEVEL,
12 inch.

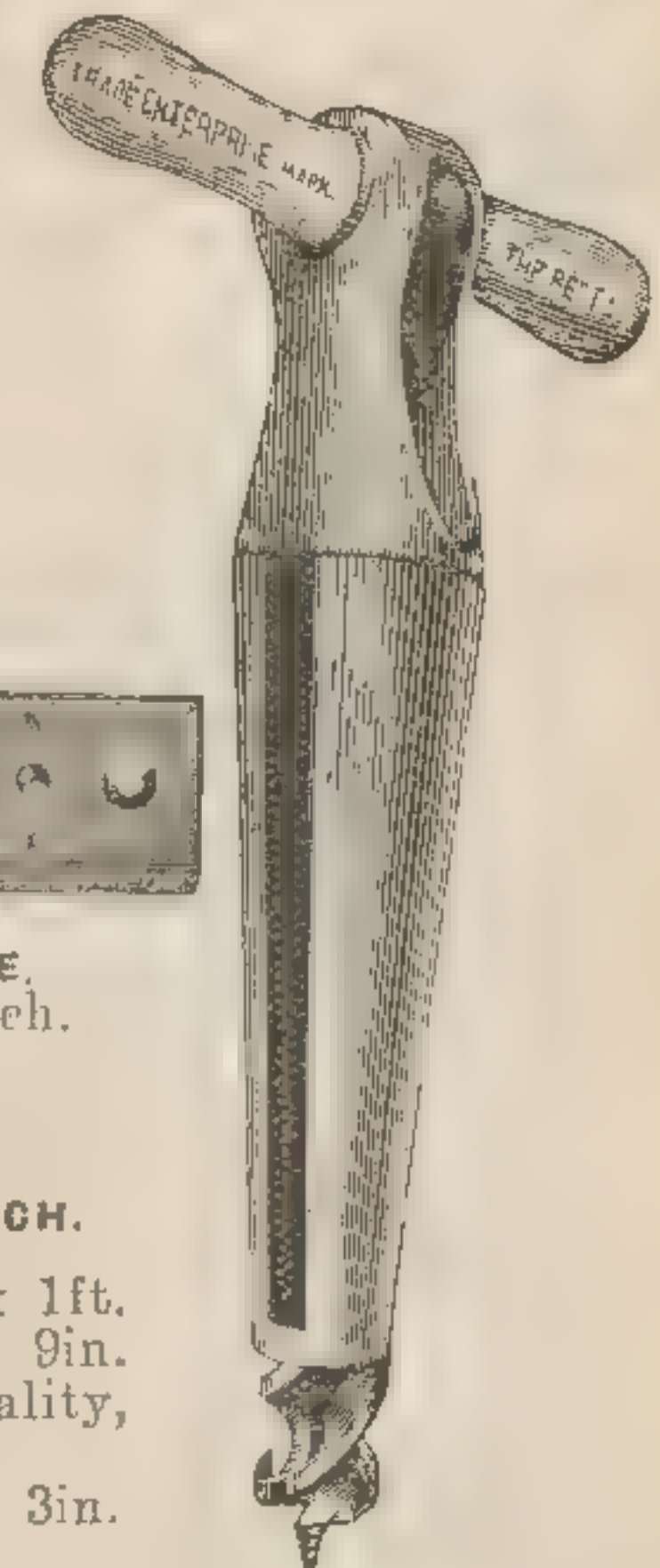


DOWEL PLATE.
¼, 5-16, ¾, 1 inch.

CARPENTER'S BENCH.

Size of top, 5ft. x 1ft.
10in. Height 2ft. 9in.
Also. better quality,
with drawer.
5ft. 6in. x 2ft. 3in.
x 2ft. 9in.
Or made to any
specification.

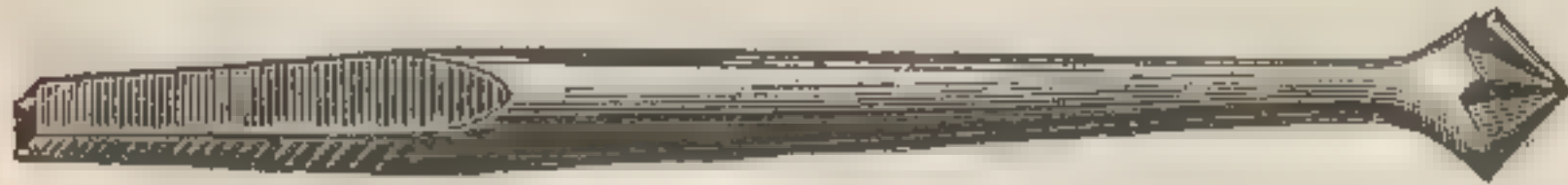
BUNG BORER.
No. 1, ⅝ to 1½ in.
No. 2, 1½ to 2 in.
No. 3, 1½ to 3 in.



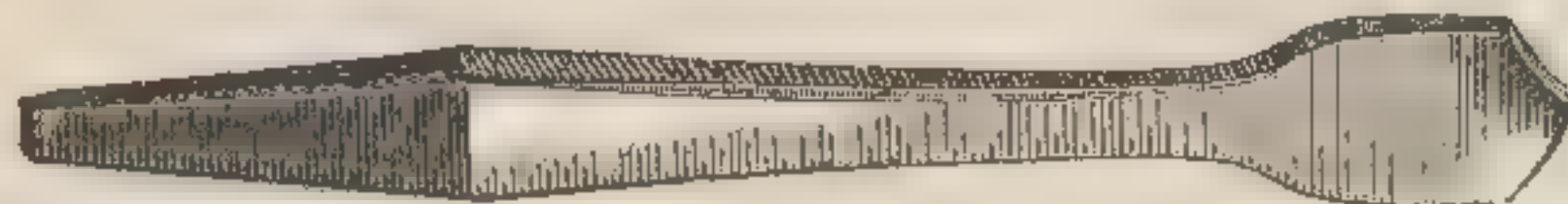
Bits. Boker's, and other Makers.



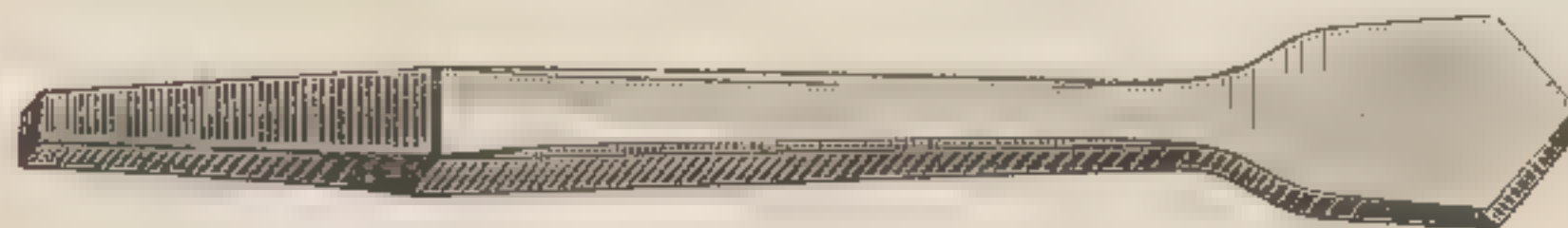
SNAIL COUNTERSUNK BIT Assorted sizes.



ROSE COUNTERSUNK BIT.



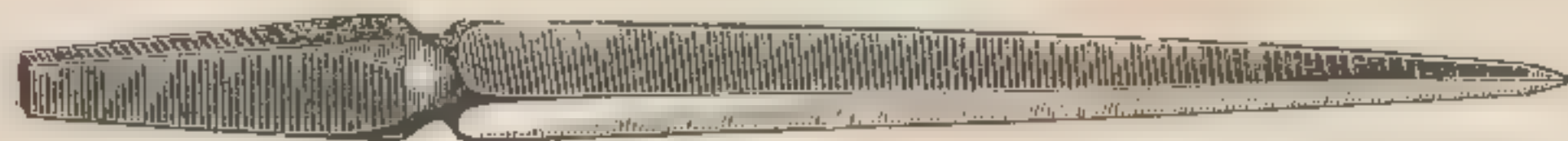
LIP COUNTERSUNK BIT.



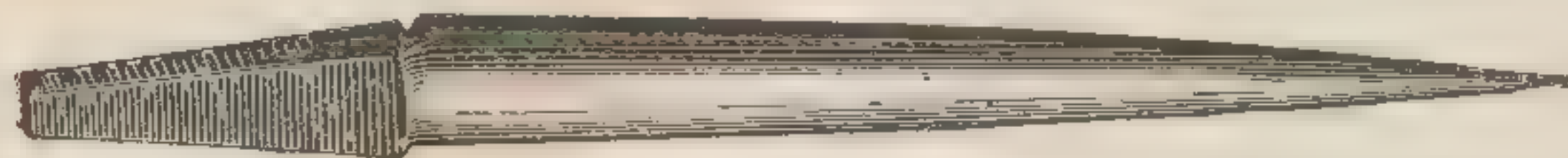
FLAT COUNTERSUNK BIT.



SQUARE RIMER BIT (Assorted sizes).



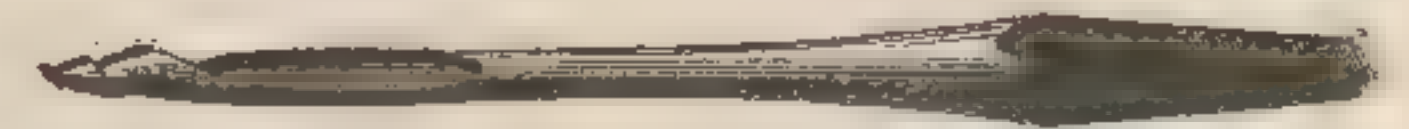
PENTAGONAL RIMER BIT (Assorted sizes).



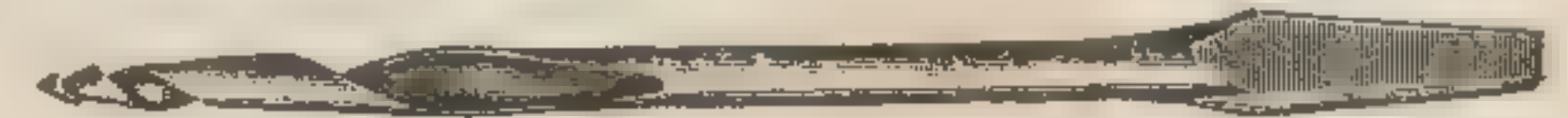
HALF ROUND RIMER BIT (Assorted sizes)



TAPER BIT. $\frac{5}{8}$, $\frac{3}{4}$, 1 inch.



COBRA BIT, 677, 679B, 677 $\frac{1}{2}$. 2 to 12-32nds.



IMPROVED DOUBLE TWIST GIMLET BIT. 675. 2 to 8-32nds



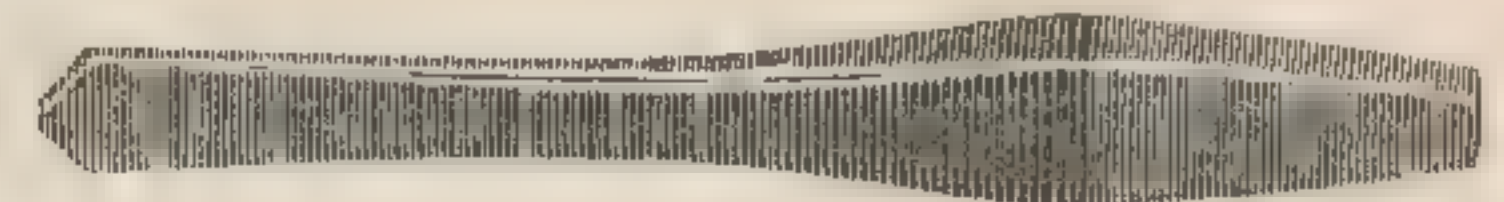
BOAT BUILDER'S BIT, No. 679. 2 to 12-32.



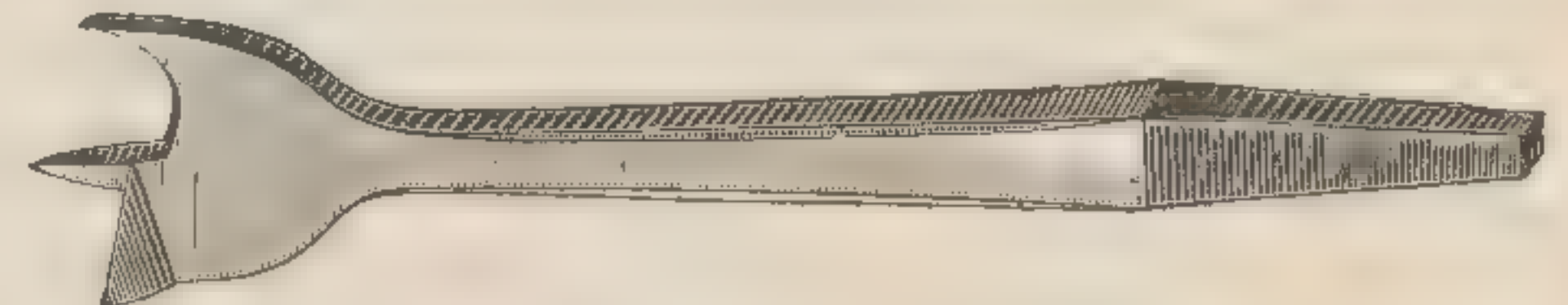
FORKED SCREWDRIVER BIT (Assorted sizes).



FLAT SCREWDRIVER BIT (Assorted sizes).



DRILL BIT, for Engineer's Ratchet Brace, $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch.



CENTRE BIT. $\frac{1}{4}$ to 2 inch.



EXPANSIVE BITS, $\frac{1}{4}$ to 1 $\frac{1}{2}$, $\frac{1}{8}$ to 3 inch.

Bits and Boring Machines.



MATHIESON'S DOUBLE TWIST BRIGHT SCREW AUGER BIT.

(Single and double thread points.)

30/-	18/-	18/-	18/-	18/-	18/-	20/-	22/-	24/-	27/-	30/-	36/-	42/-	List.
3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	9-16	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	

CHAMPION PATTERN, $\frac{1}{2}$, $\frac{3}{4}$ -inch.



MATHIESON'S WAGGON SCREW BIT.

MATHIESON'S WAGGON SCREW BITS, BLACK, 20/- 21 - 22 - 23 - 24 - 27/- 27/- List.

" " " BRIGHT. 23 - 24 - 25 - 26 - 27 - 30 - 36 - List.

" " " CHAMPION WAGGON BITS, $\frac{3}{4}$, 7-16, $\frac{1}{2}$ $\frac{3}{4}$ inch.

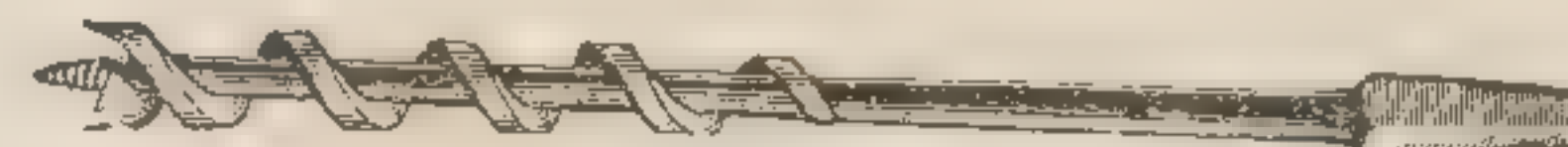


GILPIN'S AUGER BIT $\frac{1}{4}$ to 1 inch.



JENNINGS' DOUBLE CUTTER BIT— $\frac{1}{2}$ to 1 inch.

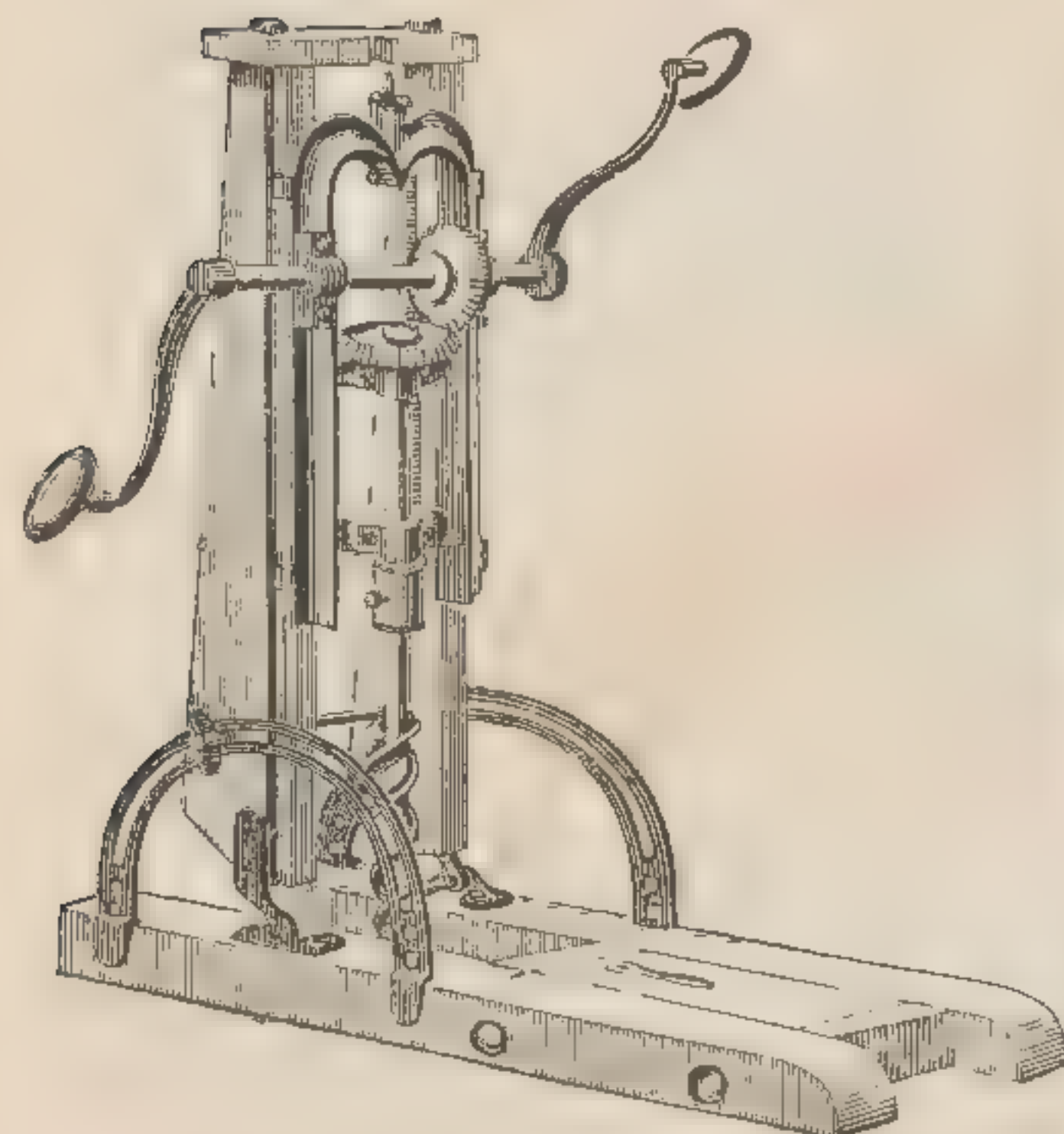
MATHIESON'S ditto ditto.
EXCELSIOR ditto ditto.



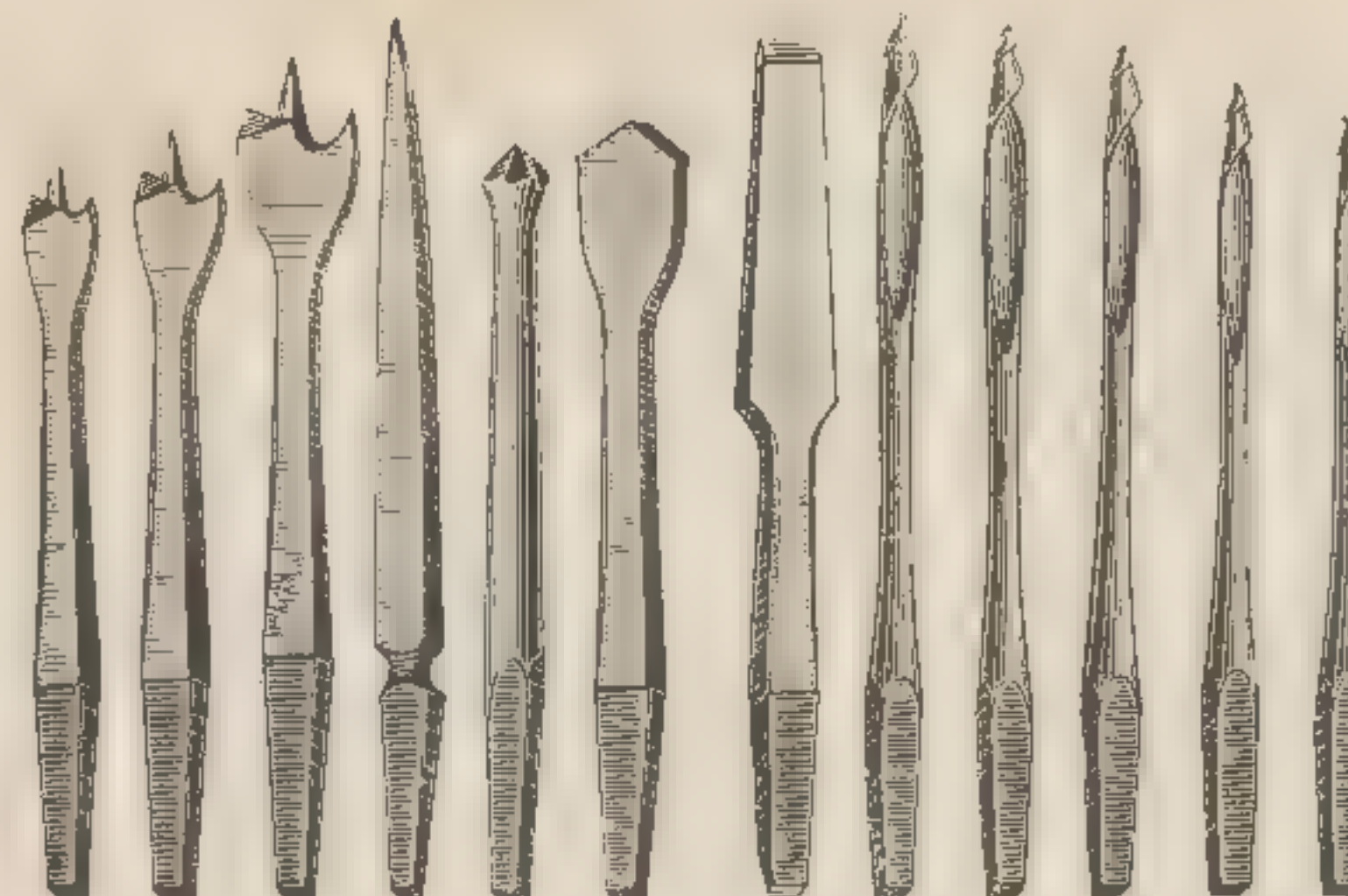
IRWIN'S AUGER BITS, with cutters $\frac{1}{4}$ to 1 inch.
" " without cutters for hardwood, $\frac{1}{2}$ to 1 inch.



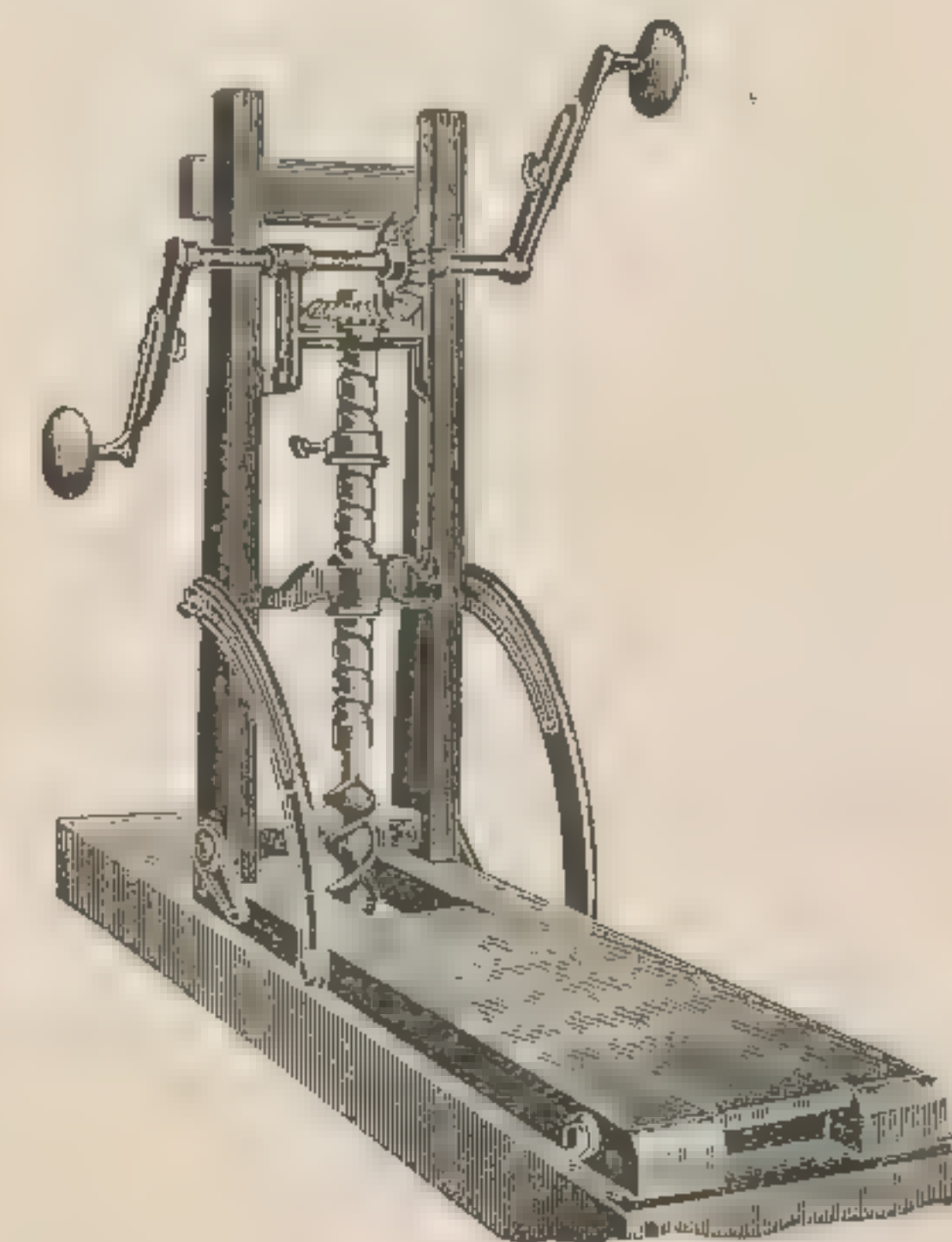
BORING MACHINE BIT,
 $\frac{1}{2}$, $\frac{3}{8}$, $\frac{1}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, 2 inch.



SNELL'S BORING MACHINE, without Bits.

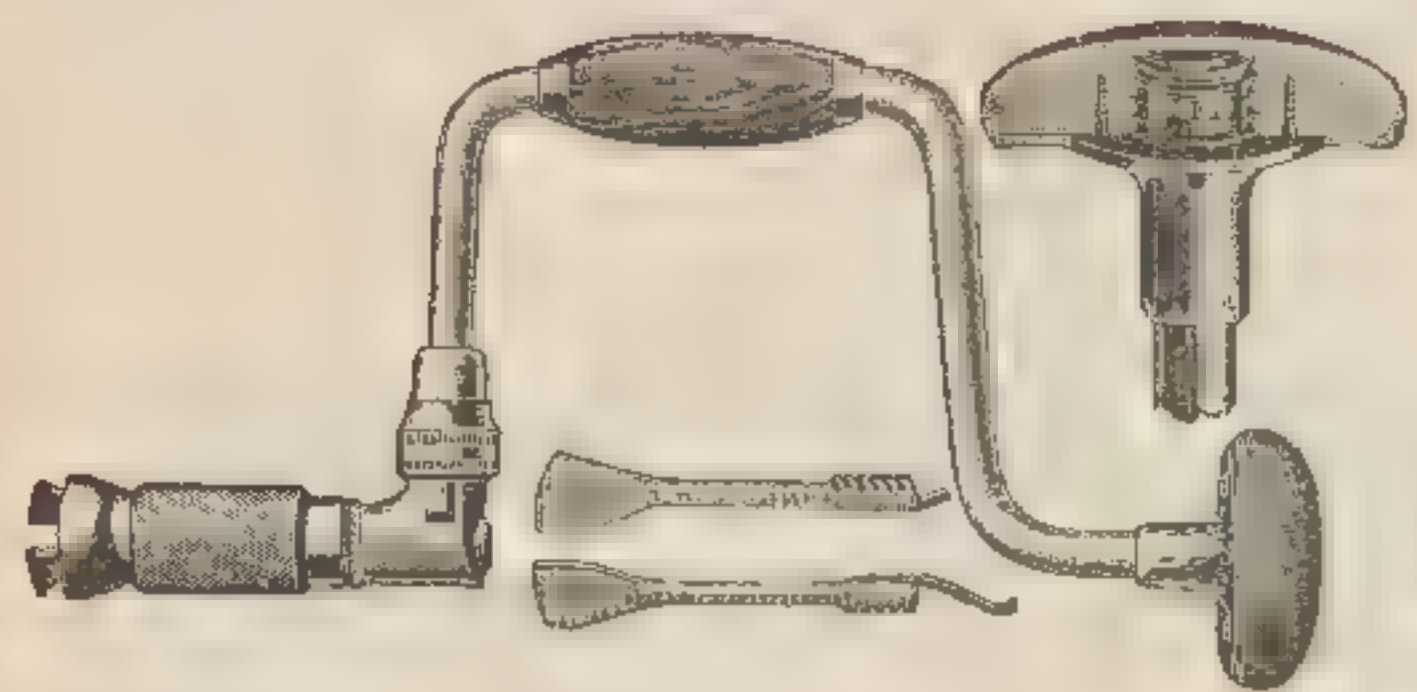


BOKER'S SETS OF BITS, 18 and 24's.

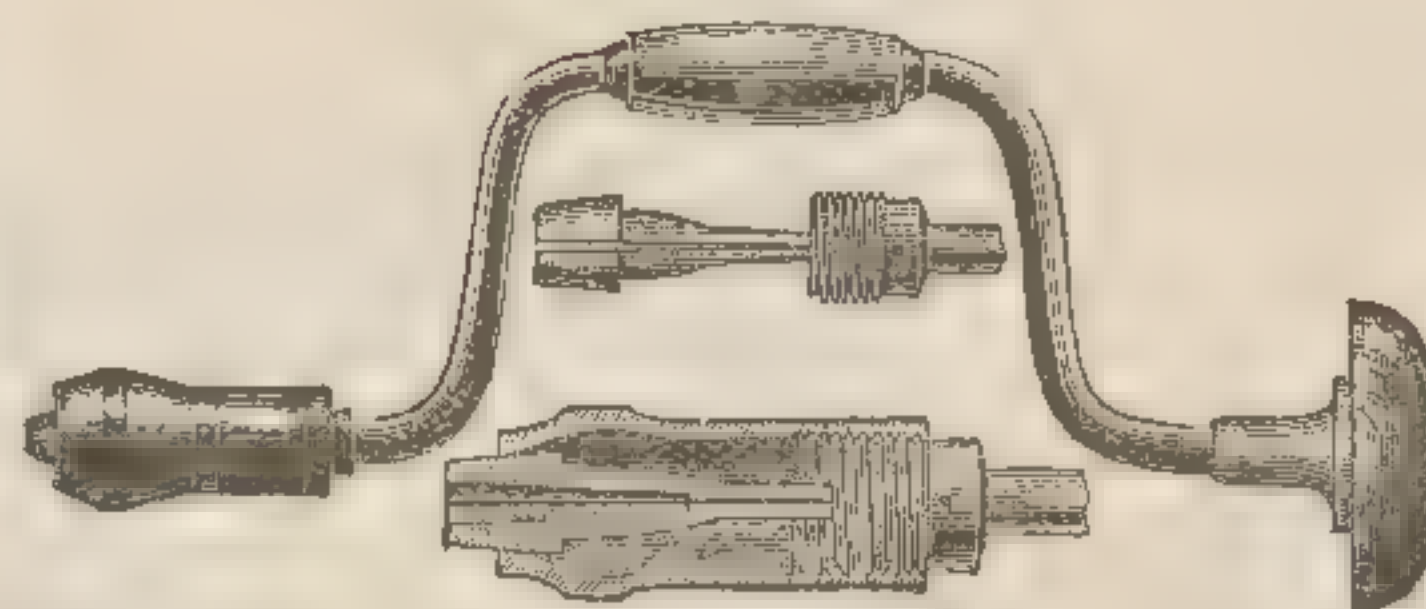


PHILLIPS' BORING MACHINE, without Bits.

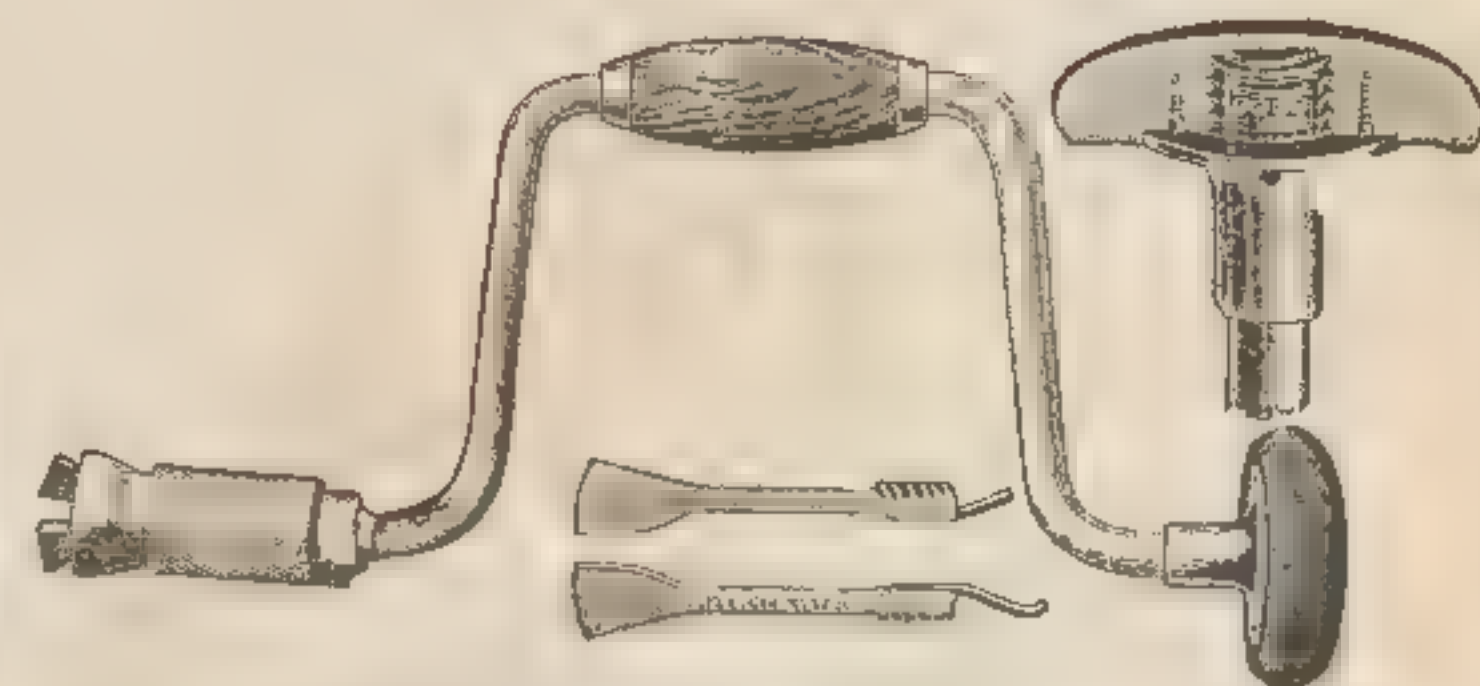
Braces.



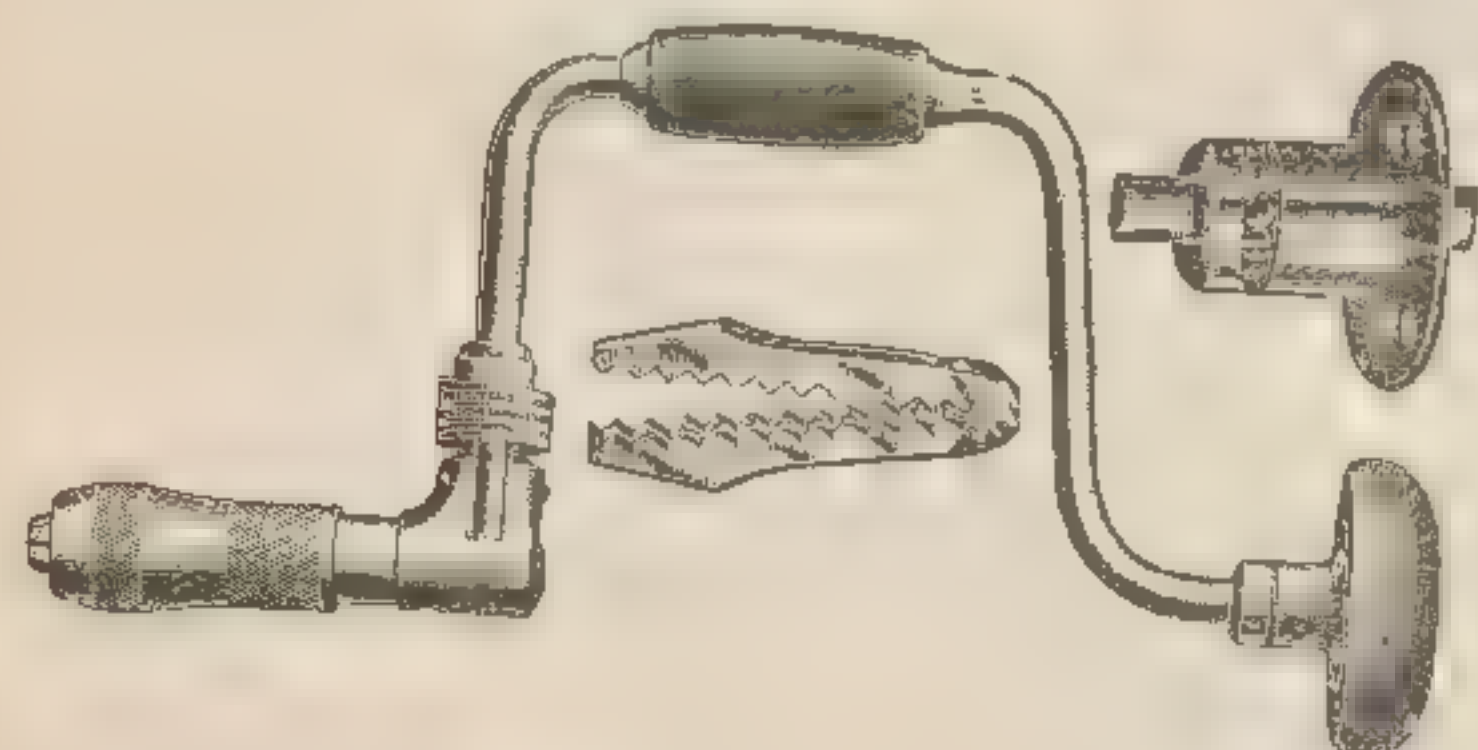
BALL BEARING RATCHET BRACE.



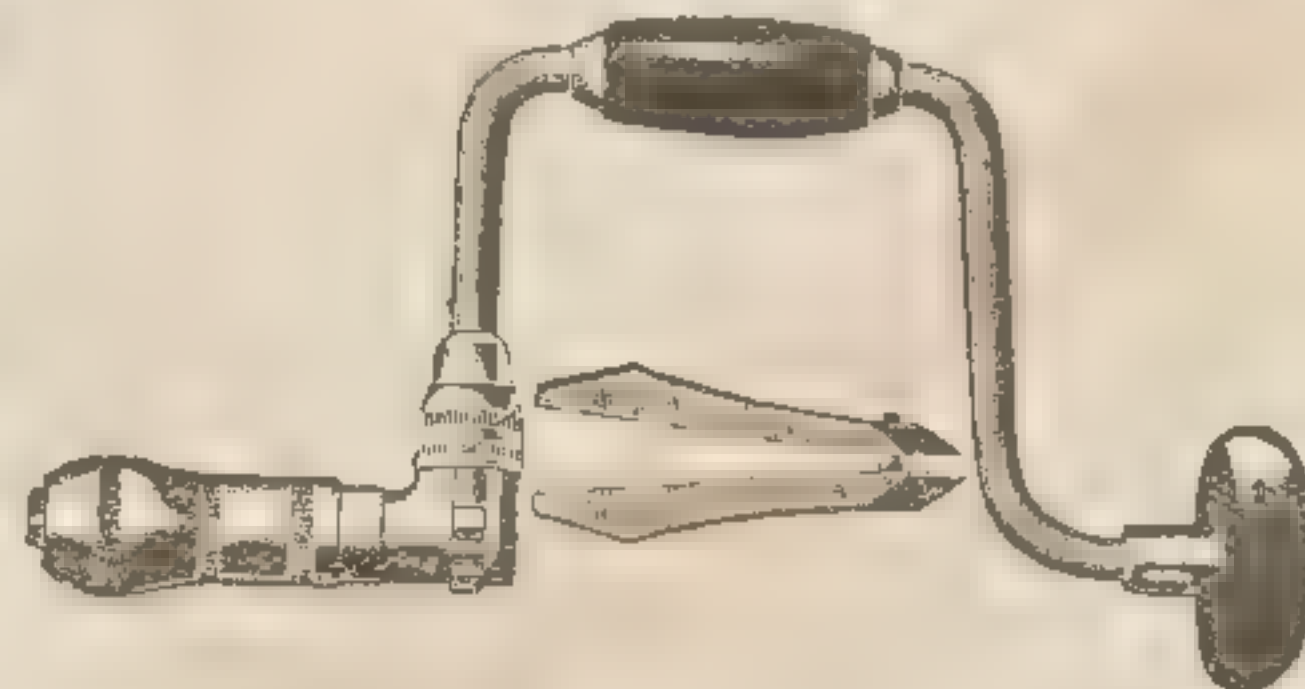
AMERICAN NOVELTY BRACE.
All Qualities.



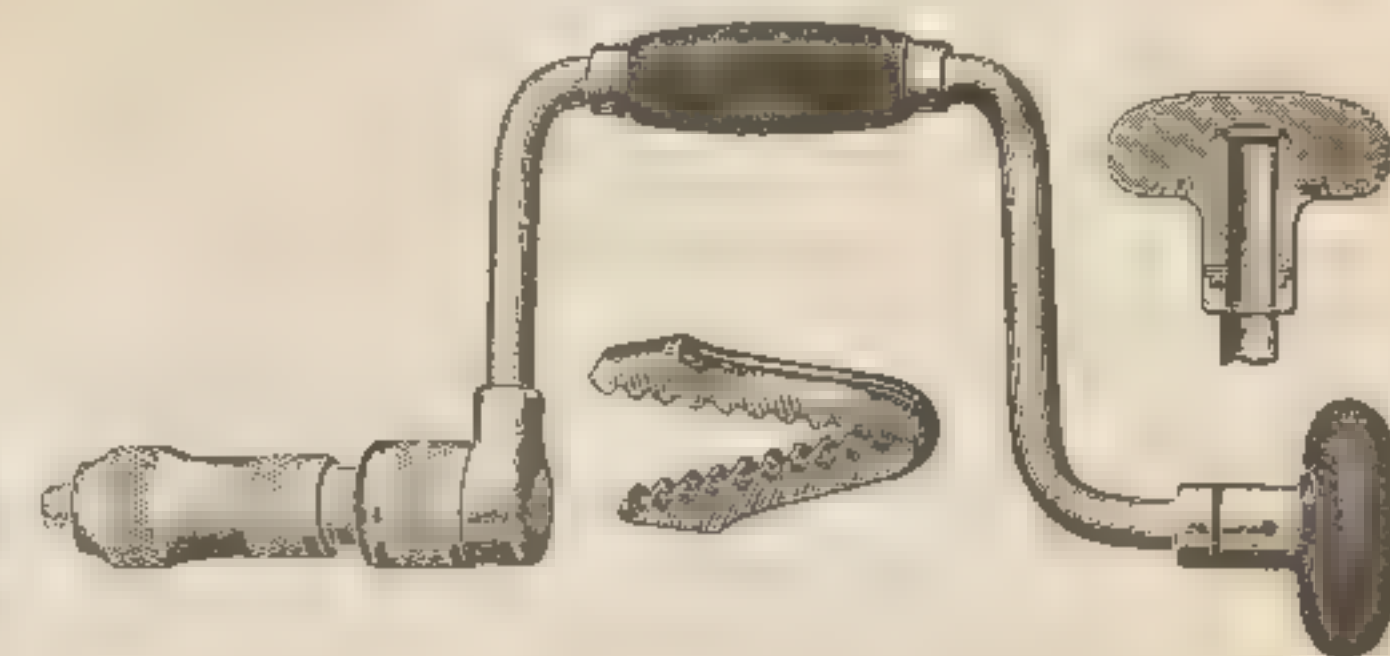
BALL-BEARING NOVELTY BRACE.



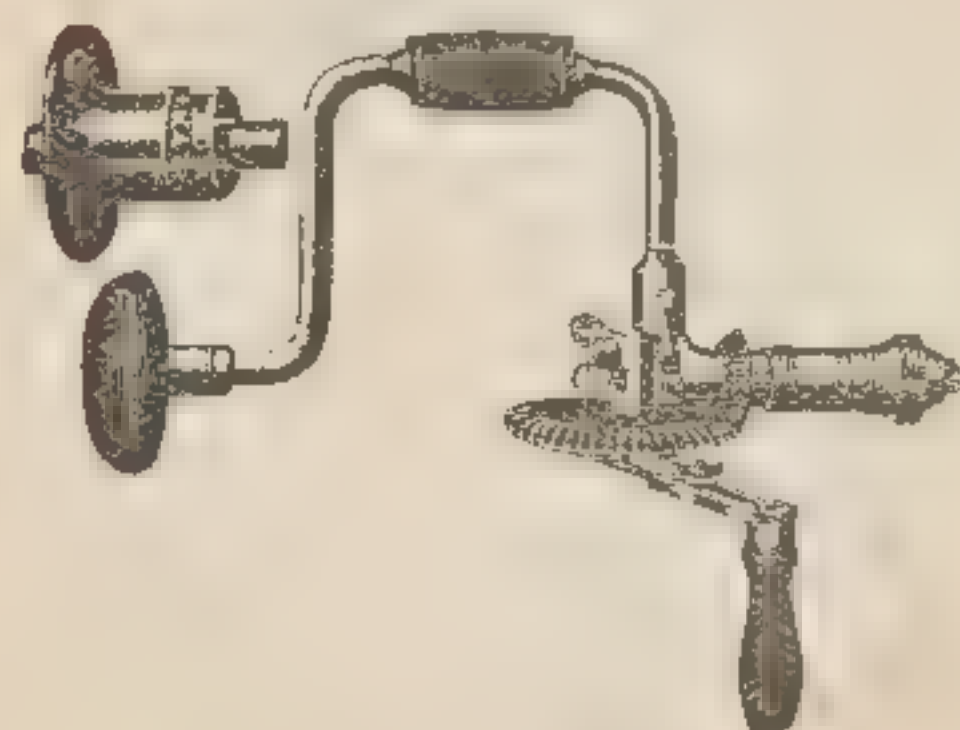
MILLER'S RATCHET BRACE, BALL-BEARING HEAD.
8, 10, 12 inch Sweep.



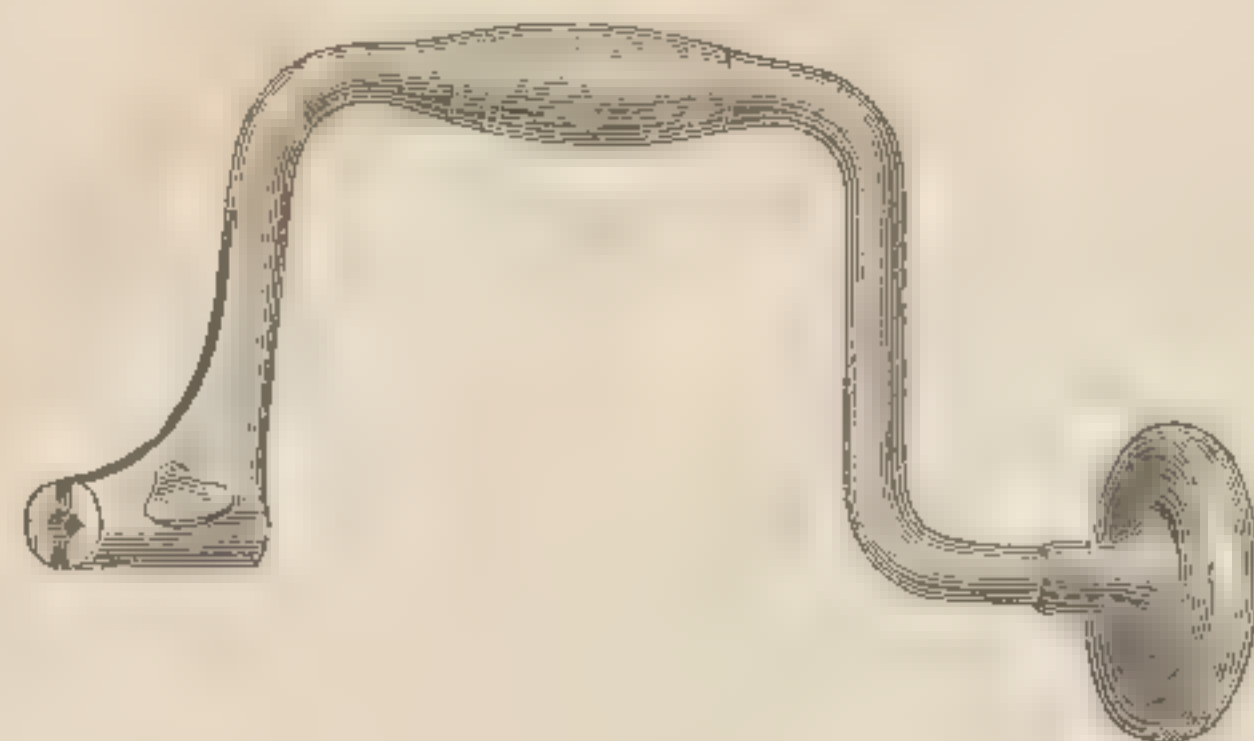
AMERICAN RATCHET BRACE.
All Qualities.



STANLEY'S BALL-BEARING CONCEALED
RATCHET BRACE.
10in. Sweep.



RATCHET BRACE,
with Drill Attachment.



SPLIT JAW BRACE.

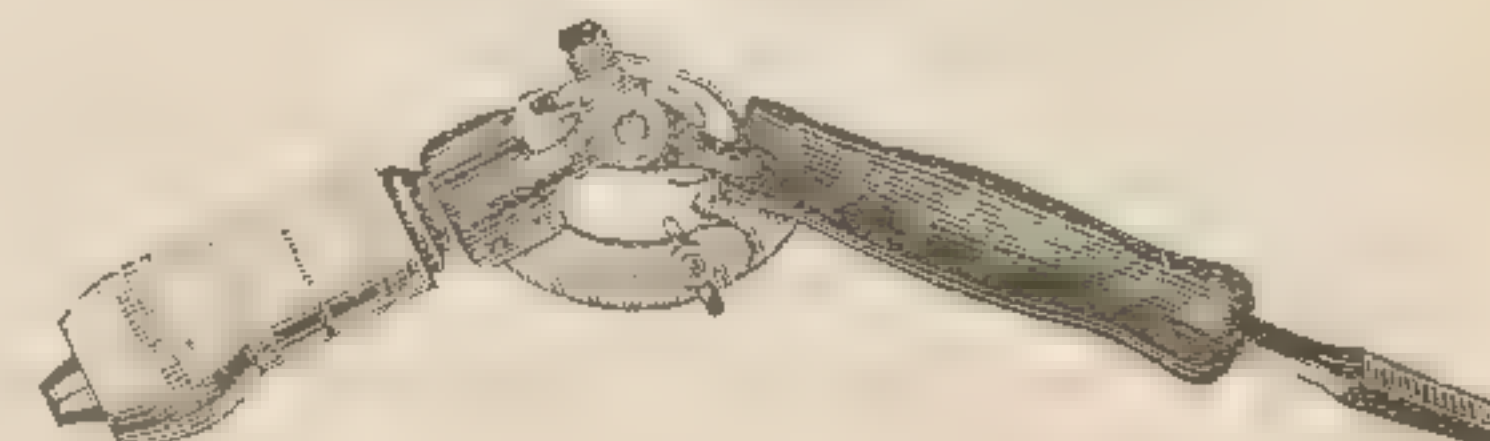
SPOFFORTH'S, with wood head and grip, NP,
8, 10, 12, 14 inch.
SPOFFORTH'S, with Iron Head, and Wood
Grip, 8, 10, 12, 14 inch.
SPOFFORTH'S, All Iron, 8, 10, 12, 14 inch.
MATHIESON'S ditto ditto (strong for fencer's
use), 8, 10, 12, 14 inch.
BOKER'S, and other Makers.



GERMAN BALL BRACE.

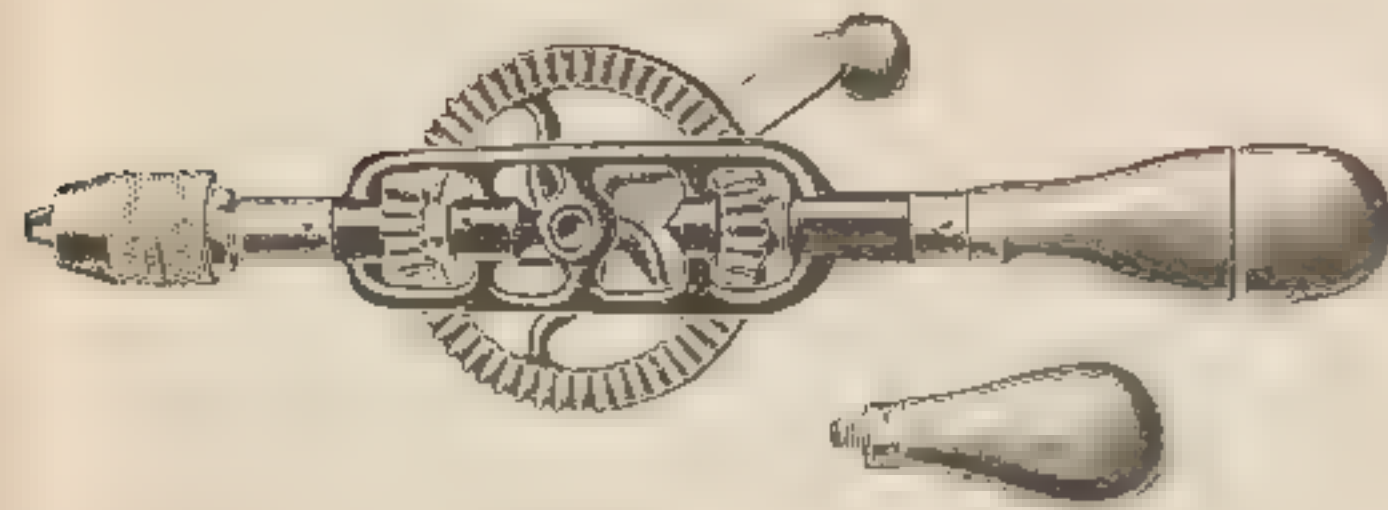


CORNER BRACE.



ANGLE BORER FOR BRACE.

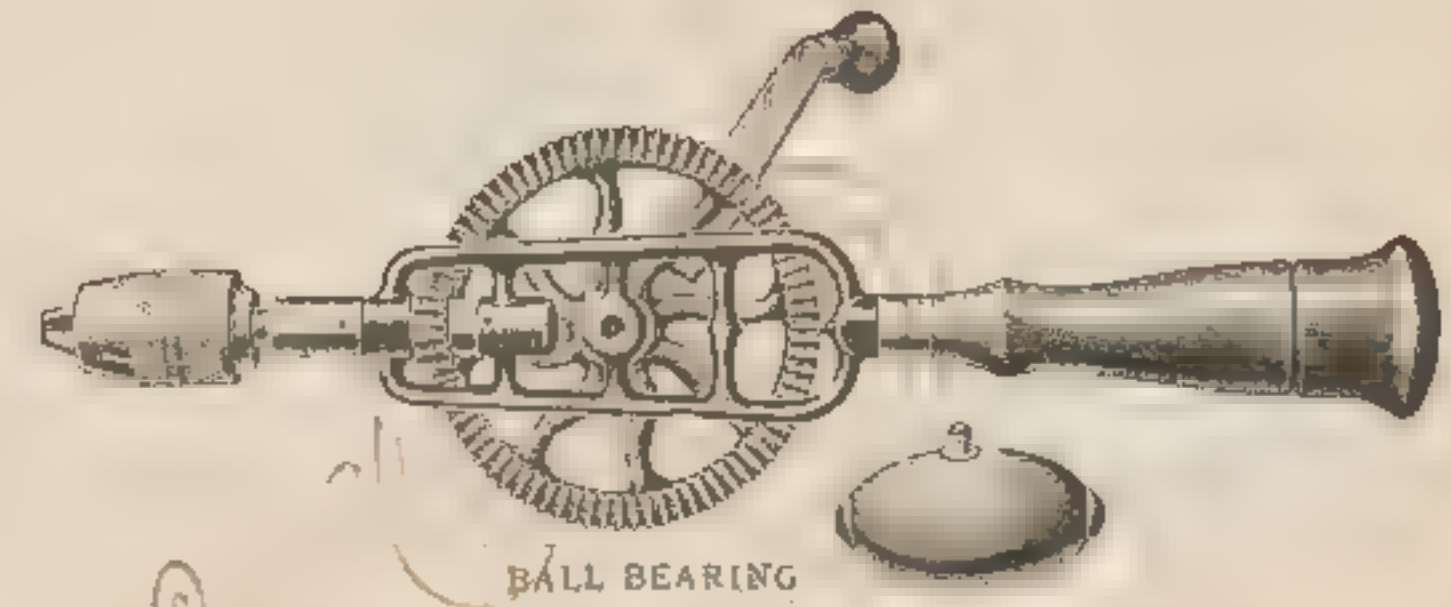
Drills.



HAND DRILL
No. 5.



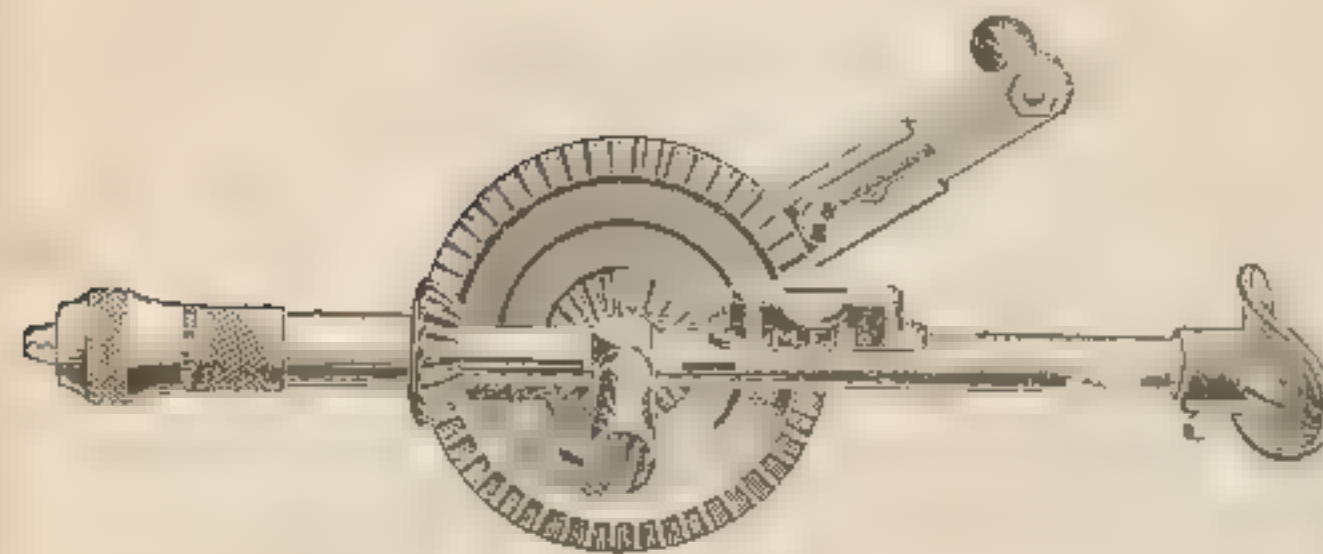
HAND DRILLS, No. 4.



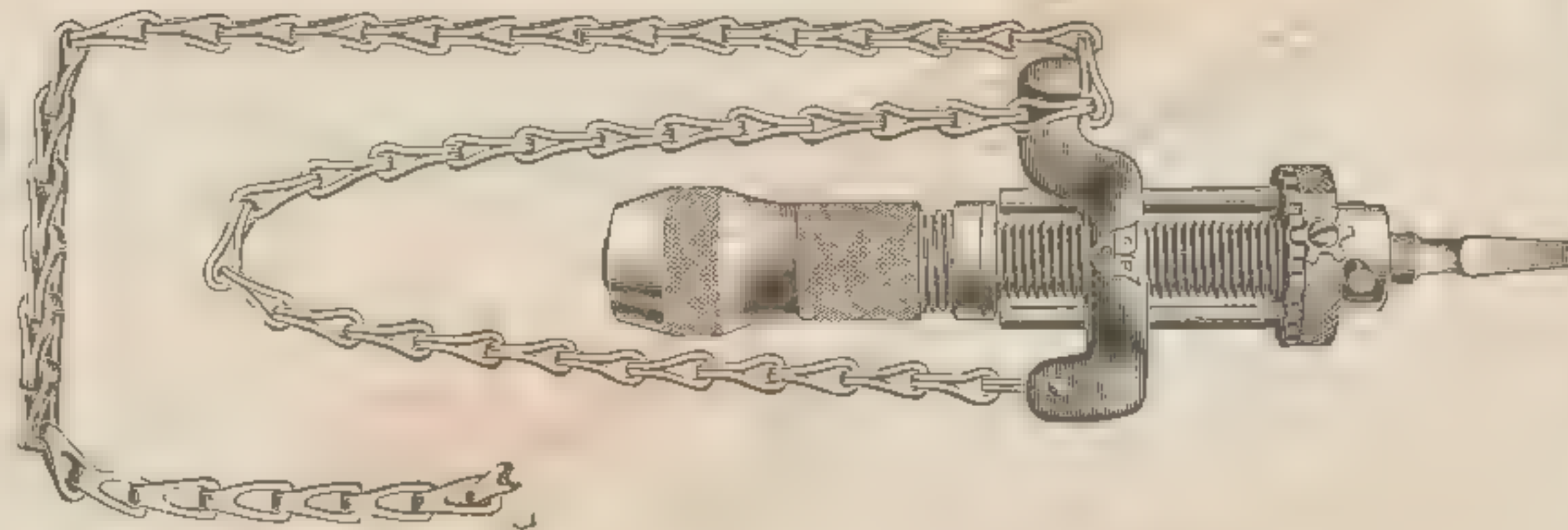
BALL BEARING
HAND DRILL, No. 2.



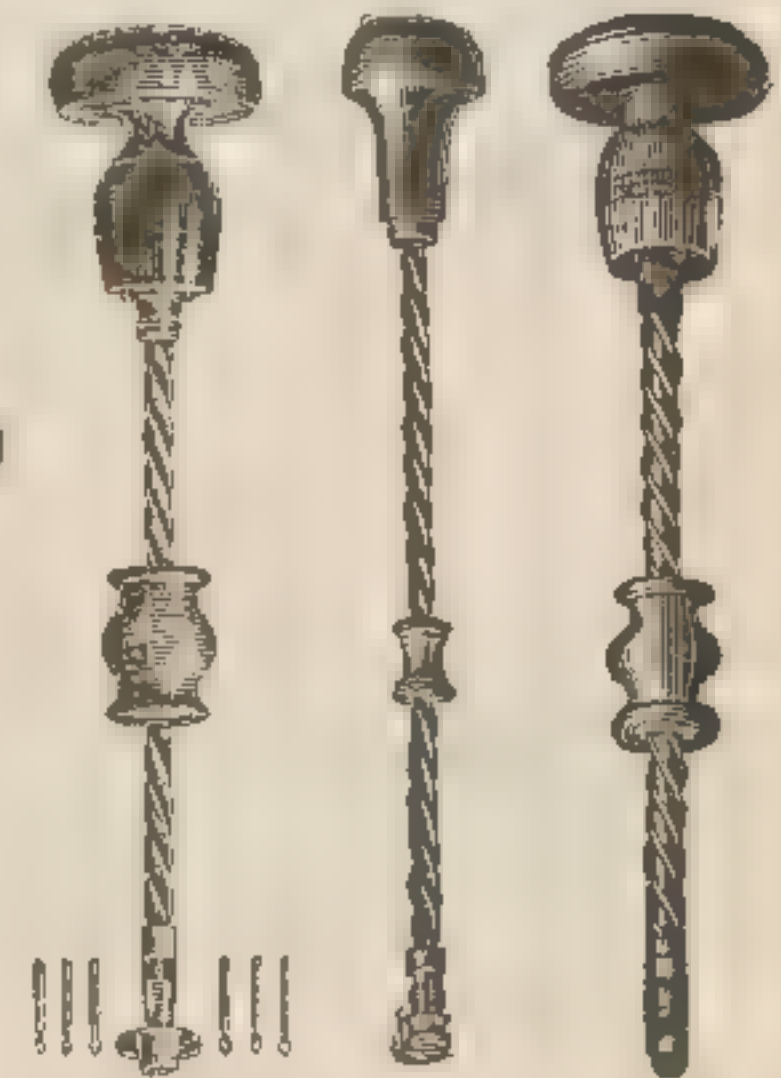
AUTOMATIC HAND DRILL, with Pat.



BREAST DRILL, No. 10.



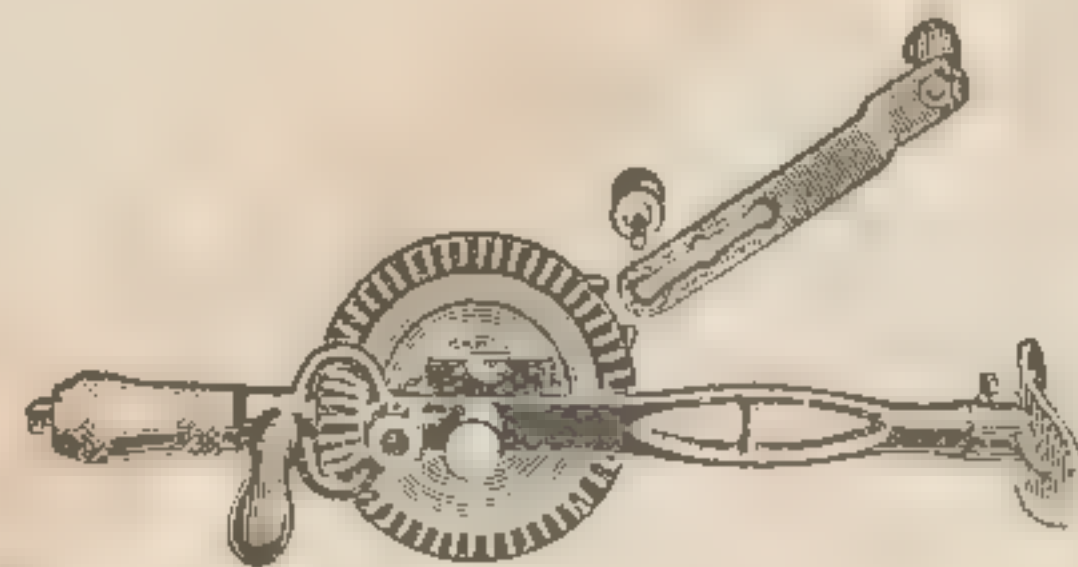
COODALL'S CHAIN DRILL, to take Bit Stock Drills



No. 1. No. 2. No. 3.
ARCHIMEDEAN DRILLS.

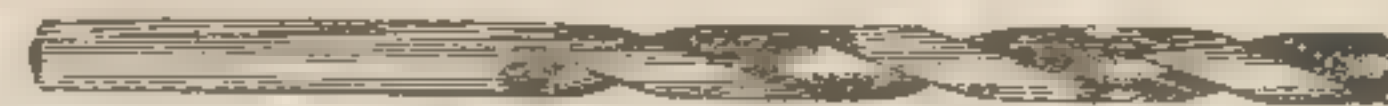


NETTLEFOLD'S ENGINEER'S
RATCHET.
8, 10, 12, 14, 16, 18 inch.

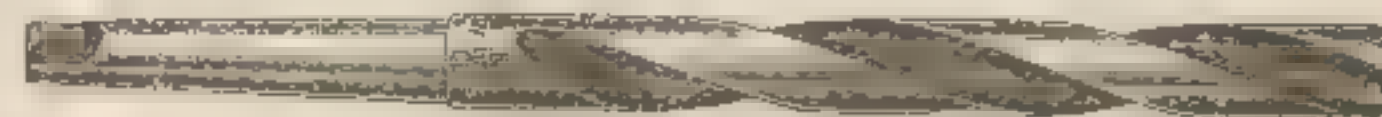


BREAST DRILL No. 12.

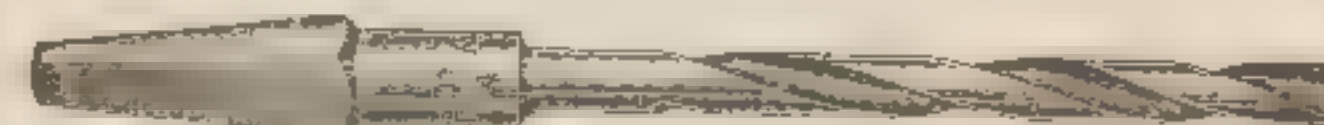
Morse Drills.



JOBBERS OR ROUND SHANK.



TAPER SHANK.



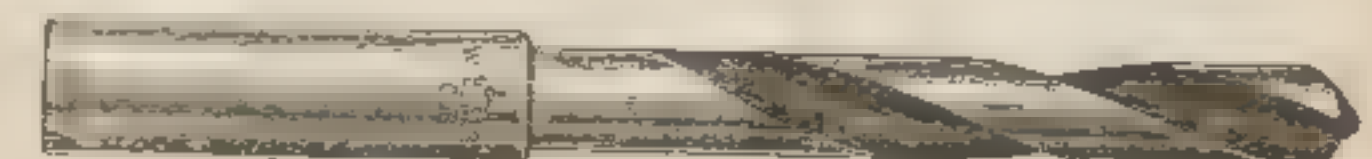
BIT SHANK.



DRILLS FOR ARCHIMEDEAN
BRACE.



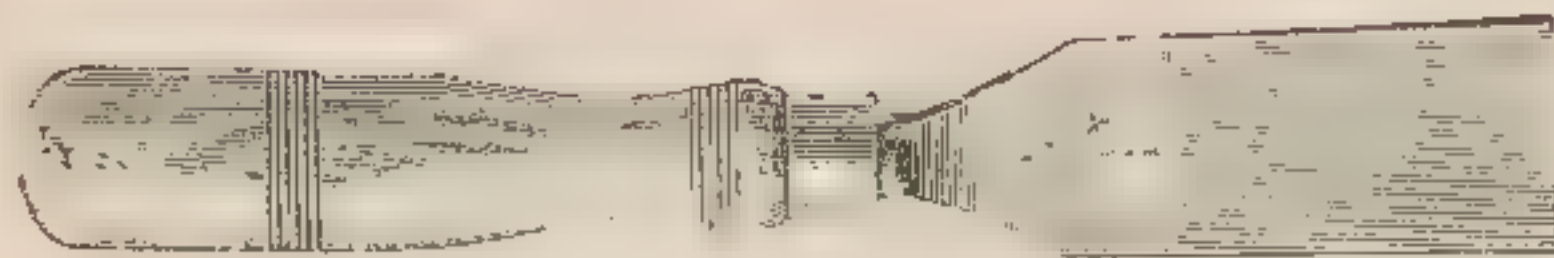
RATCHET SHANK.



HALF-INCH ROUND SHANK.

All sizes, from 1-32 to 1 inch.

Chisels.



SASH POCKET CHISEL, 1½, 2 inch.



WARD & PAYNE'S FIRMER CHISEL.

6/9 7/- 7/3 8/- 8/6 9/- 10/- 10/6 12/9 13/9 16/6 20/- 23/6. List.
 1 3 16 ½ 5-16 ¾ 1 1 ¾ 1 1 1 1 1 1 1 2 inch.



WARD & PAYNE'S REGISTERED FIRMER CHISEL.

12/- 12/3 12/3 12/6 13/3 14/6 15/9 18/9 19/9 20/9 23/3 27/3 30/3. List.
 1 5-16 ¾ 1 1 ¾ 1 1 1 1 1 1 1 2 inch.



WARD & PAYNE'S SOCKET CHISEL.

17 17/- 17 17/- 17/9 18/9 19/9 21/3 23/ 24/9 27/6 31/9 36/- List.
 1 5-16 ¾ 1 1 ¾ 1 1 1 1 1 1 1 2 inch.



WARD & PAYNE'S LONG THIN BEVEL EDGE PARING CHISEL.

17/- 18/- 19/3 20/- 22/6 30/9 35/- 49/-. List.
 1 1 1 1 1 1 1 2 inch.



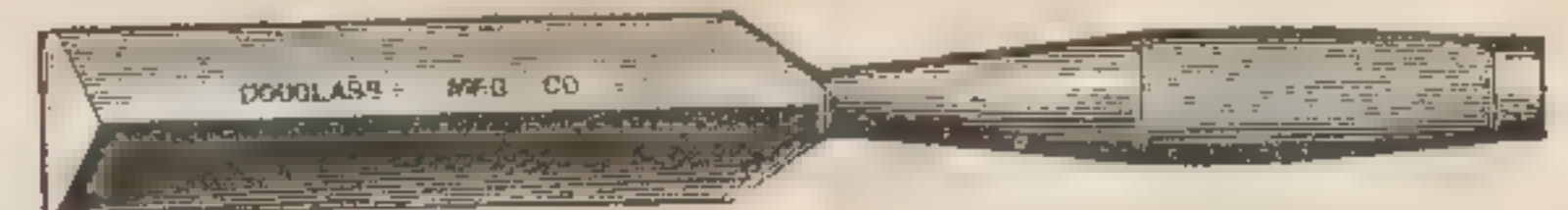
WARD & PAYNE'S BEVEL EDGE FIRMER CHISEL.

10/9 11/3 11/3 12/- 12/6 13/- 14/- 14/6 17 19/9 22/6 28/- 31/6. List.
 1 5-16 ¾ 1 1 ¾ 1 1 1 1 1 1 2 inch.



TURNING CHISEL.

1, 5-16, ¾, 1, 1½, 2, 2½, 3, 1, 1½, 1½, 1½, 1½, 2 inch.



AMERICAN SOCKET FRAMING CHISEL.

1, 5, ¾, 1, 1½, 1½, 1½ inch.

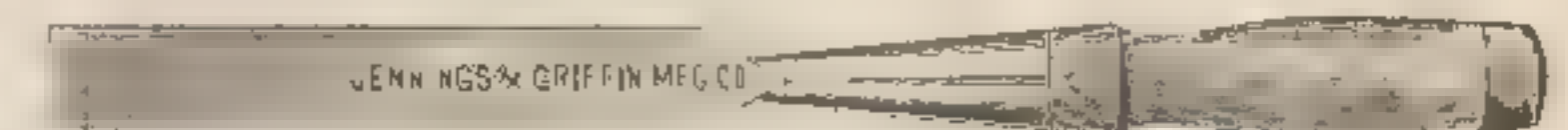


CORNER CHISEL. 1, 5, ¾ inch.



AMERICAN SOCKET FIRMER CHISEL.

1, 1, 5-16, ¾, 7-16, 1, 1, 1, 1, 1, 1, 1, 1 inch.



AMERICAN SOCKET FIRMER CHISEL, LEATHER TIPPED

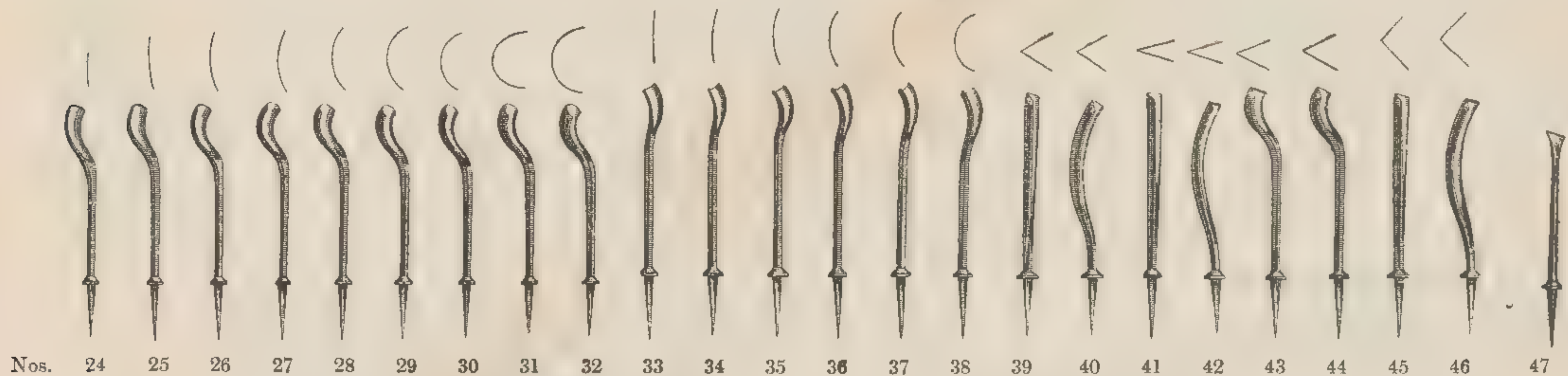
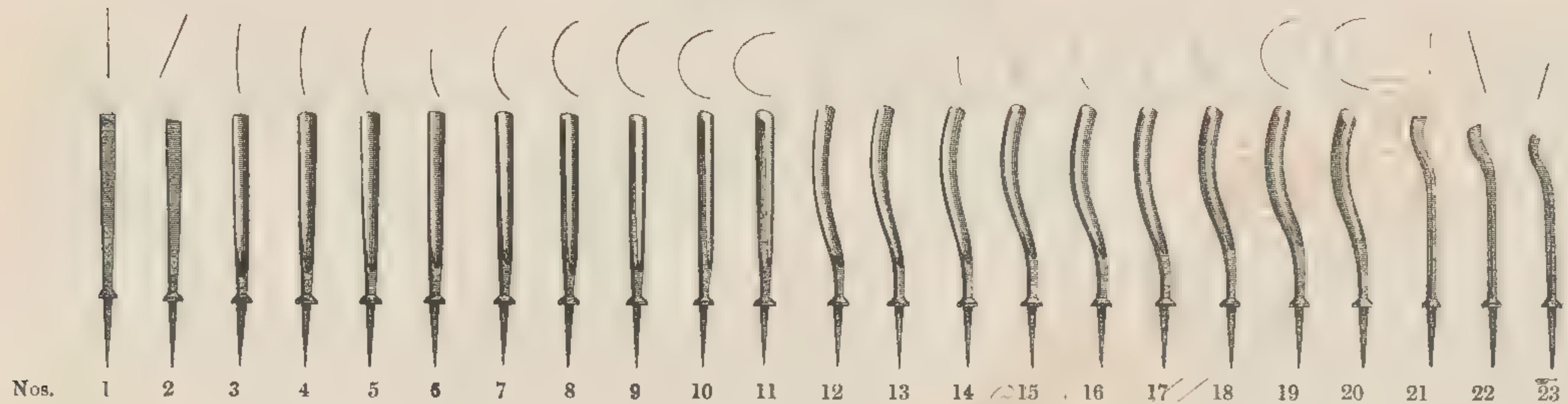
1, 5-16, ¾, 1, 1, 1, 1, 1, 1, 1 inch.



SWAN NECK OR LOCK MORTICE CHISEL.

1, 5 inch.

Carving Tools.



ALSO IN BOXES: 6 and 12 HANDLED.

HANDLES FOR ABOVE, EXTRA.



CHIP CARVING KNIFE, No. 1



CARVER'S Mallet.



SHARPENING STONES.

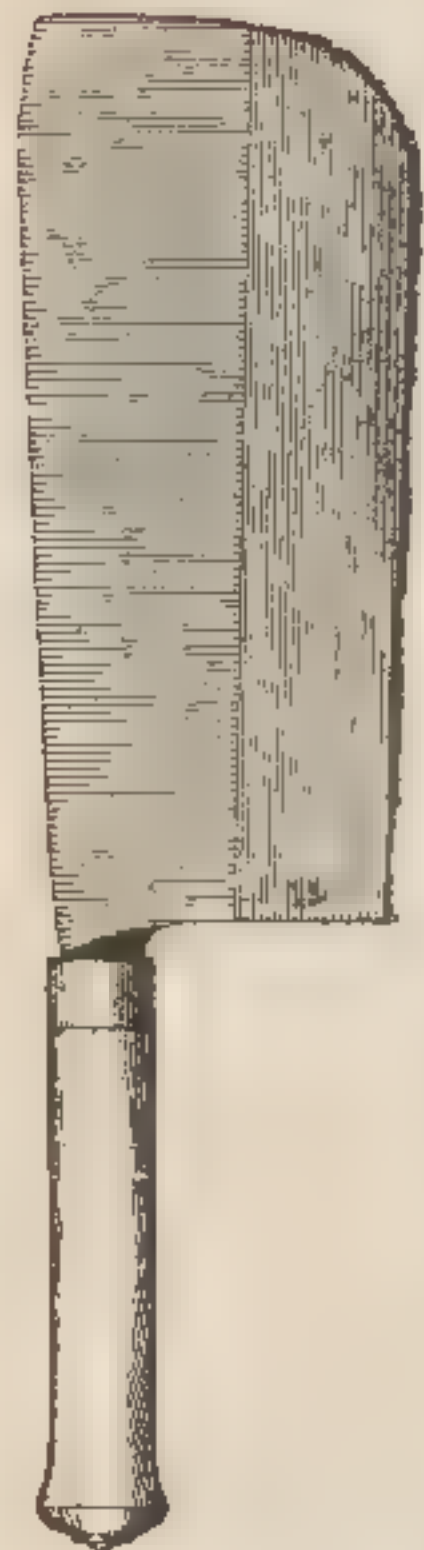


CHIP CARVING KNIFE, No. 2.

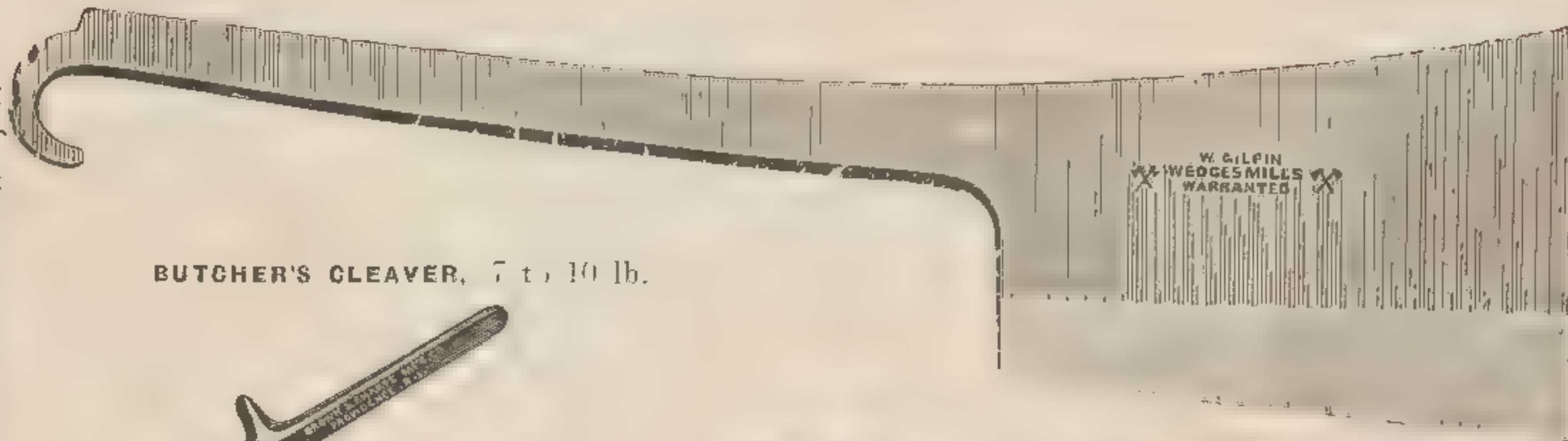


PUNCHES.

Choppers, etc.



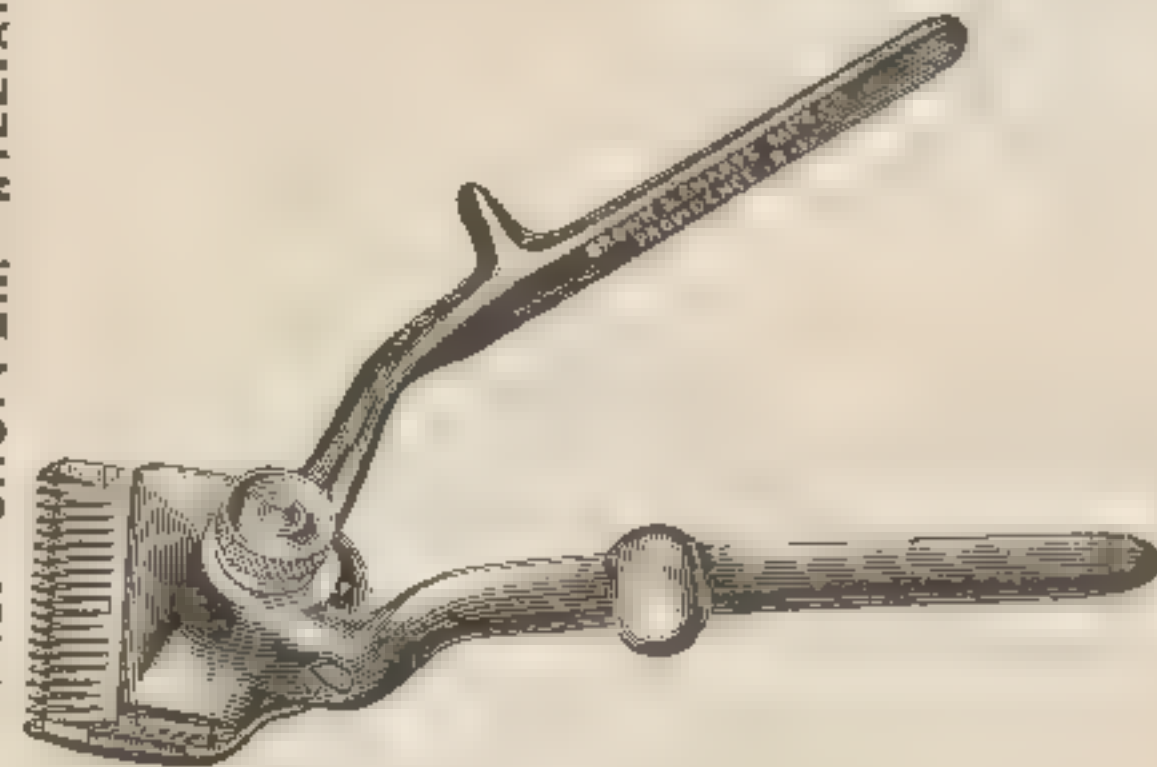
CALF CHOPPER. WILLIAMS'-Nos. 2, 3.



BUTCHER'S CLEAVER, 7 to 10 lb.



BUTCHER'S CHOPPER.
WILLIAMS' Nos. 1, 2, 3, 4.
BOKER'S Kitchen, 6 in., 7 in.
GILPIN'S—Nos. 0, 1, 2, 3, 4, 5.



HAIR CLIPPER.
BROWN and SHARP'S—Nos. 0, 1, 2, 3,
BOKER'S, with two combs to cut, three
lengths.
ATLAS, ditto.



No. 1.



No. 2.



No. 3.

COOPERS' DRIVERS.



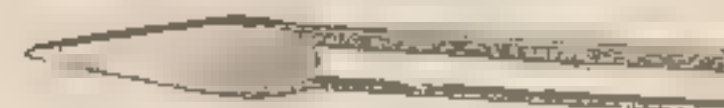
NO 3 "NEW EASY"

FOR 5-8
IN. BOLTS.

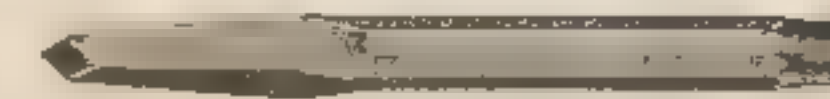
NEW EASY BOLT CUTTER.

	Nos. 0	1	2	3
Cuts to ..	5 16	1 2	1 1	1 1

inch iron

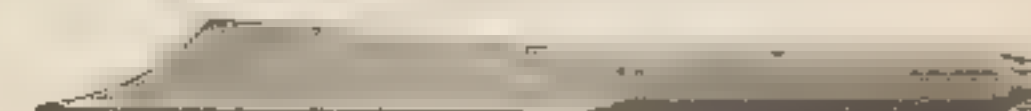


No. 1.



No. 2.

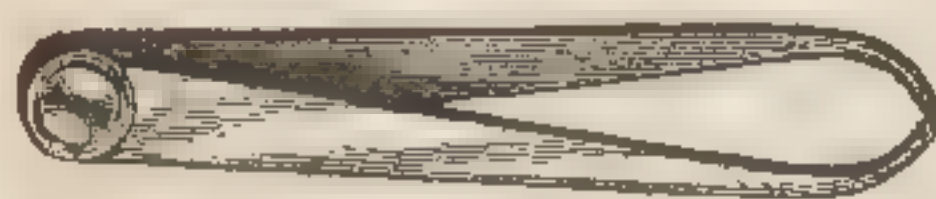
COLD CHISELS.



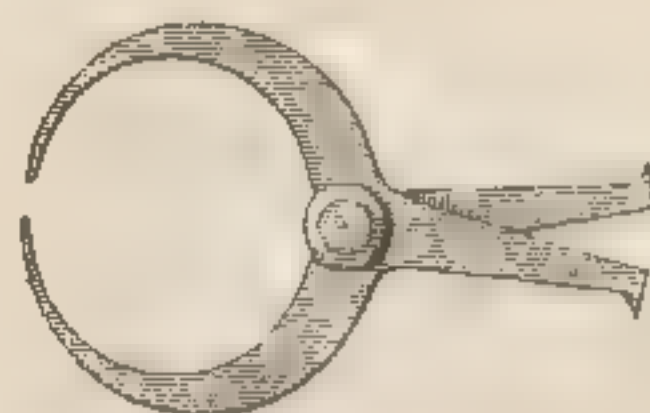
PLUGGING CHISEL.



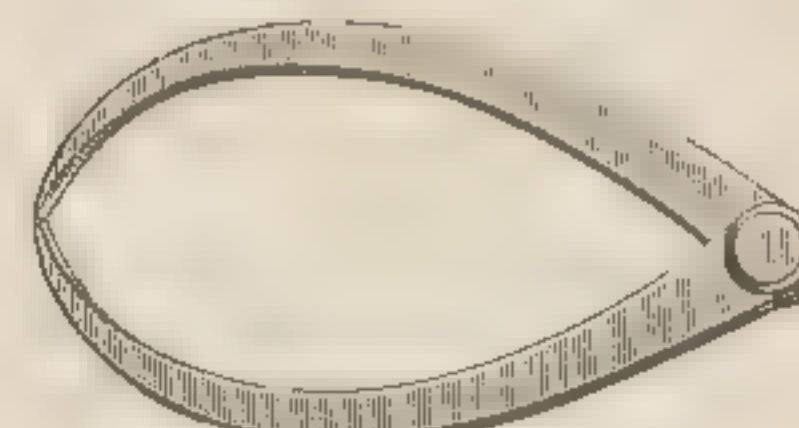
COLD CHISELS,
No 3, 1, 1 1/2, 1, 1 1/2, 1 1/2 in.



INSIDE CALLIPERS.
4, 5, 6, 7, 8, 10 inch.



COMBINATION CALLIPERS.
4, 5, 6, 7, 8 inch.



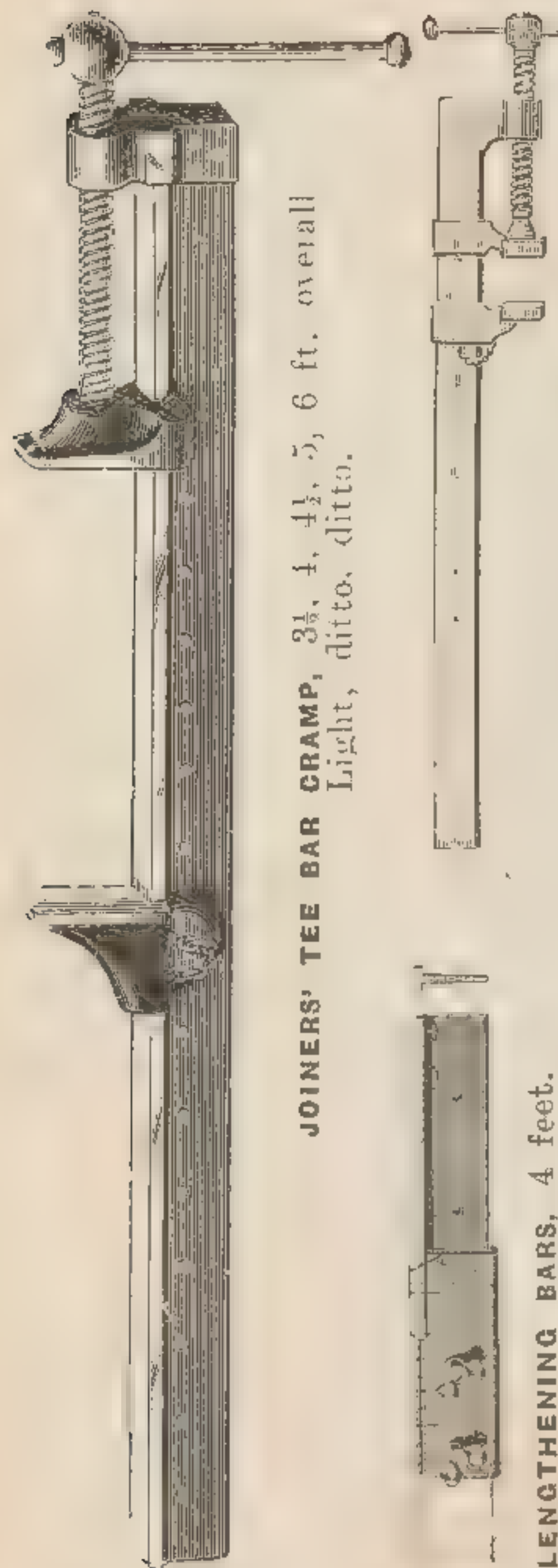
OUTSIDE CALLIPERS.
4, 5, 6, 7, 8, 10 inch.



WING COMPASS.
6, 7, 8, 9, 10, 12 inch.

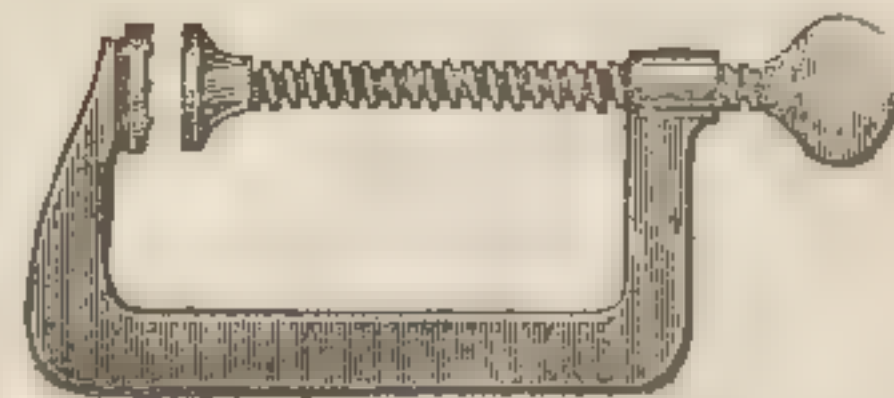
Cramps, etc.

(Size is over all.)



JOINERS' TEE BAR CRAMP, 3½, 4, 4½, 5, 6 ft. overall
Light, ditto, ditto.

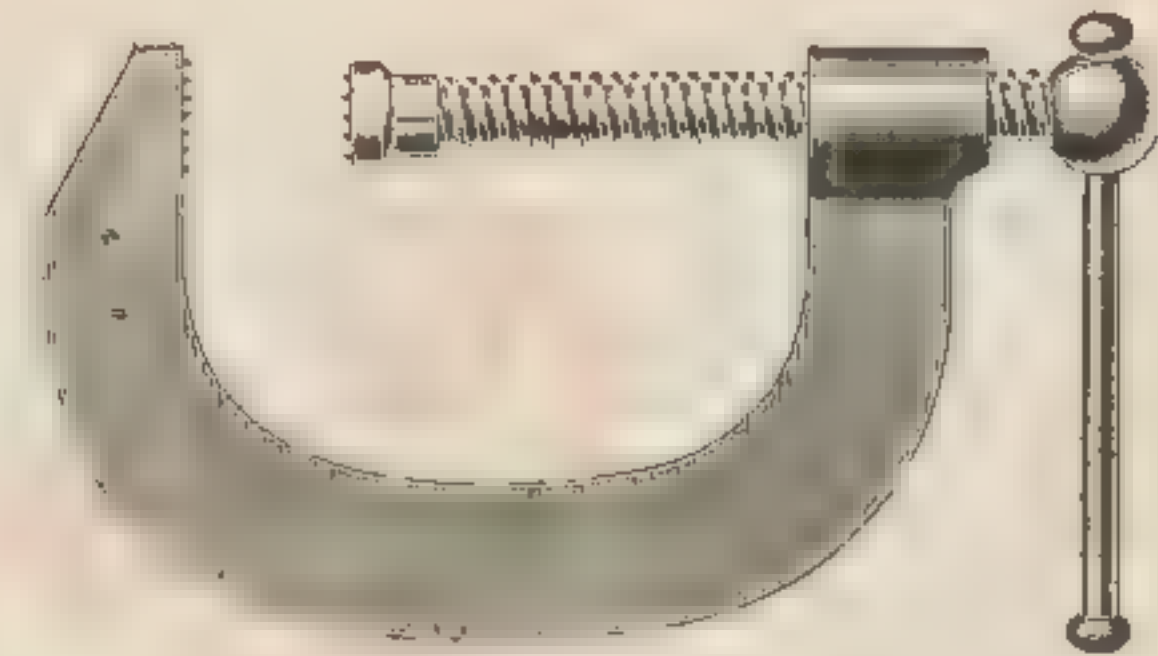
BRIGHT SASH CRAMP, 24, 30, 36, 42 inch
MATHIESON'S and others.



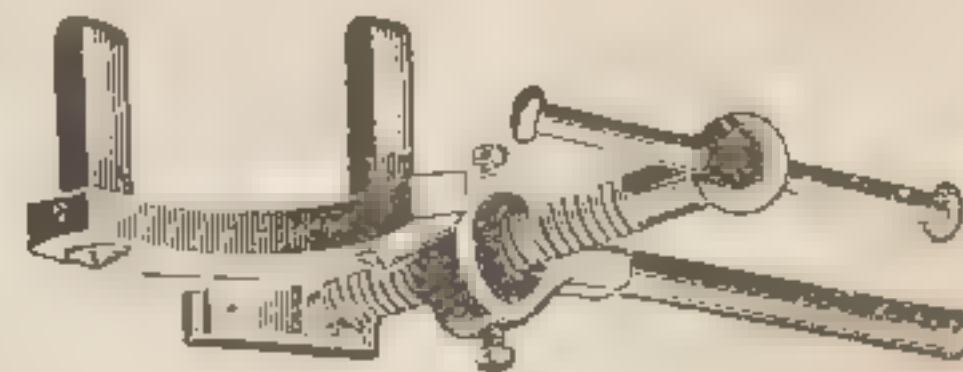
COMMON SCREW CLAMP,
2 to 6 inch.



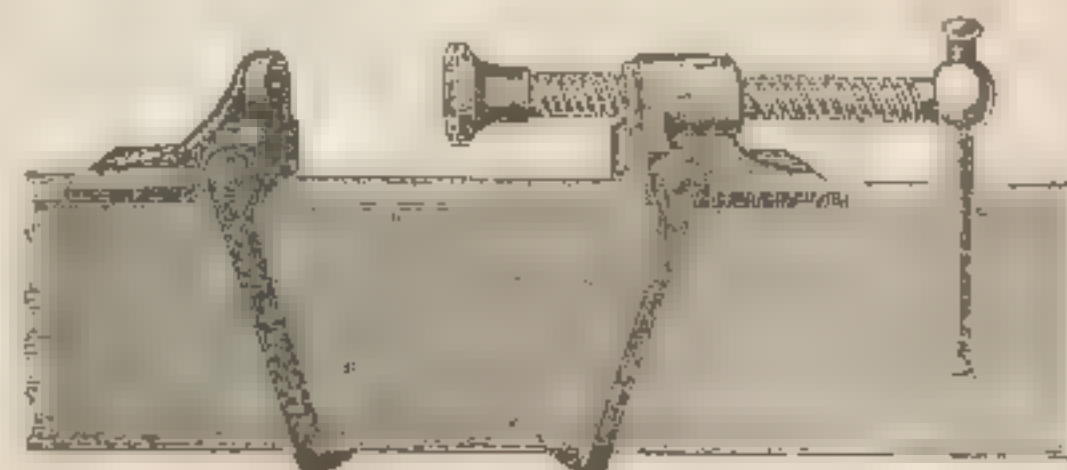
EAGLE SCREW CLAMP.
2 to 12 inch.



BOAT BUILDER'S WROUGHT CLAMP, 11, 16, 18 inch.



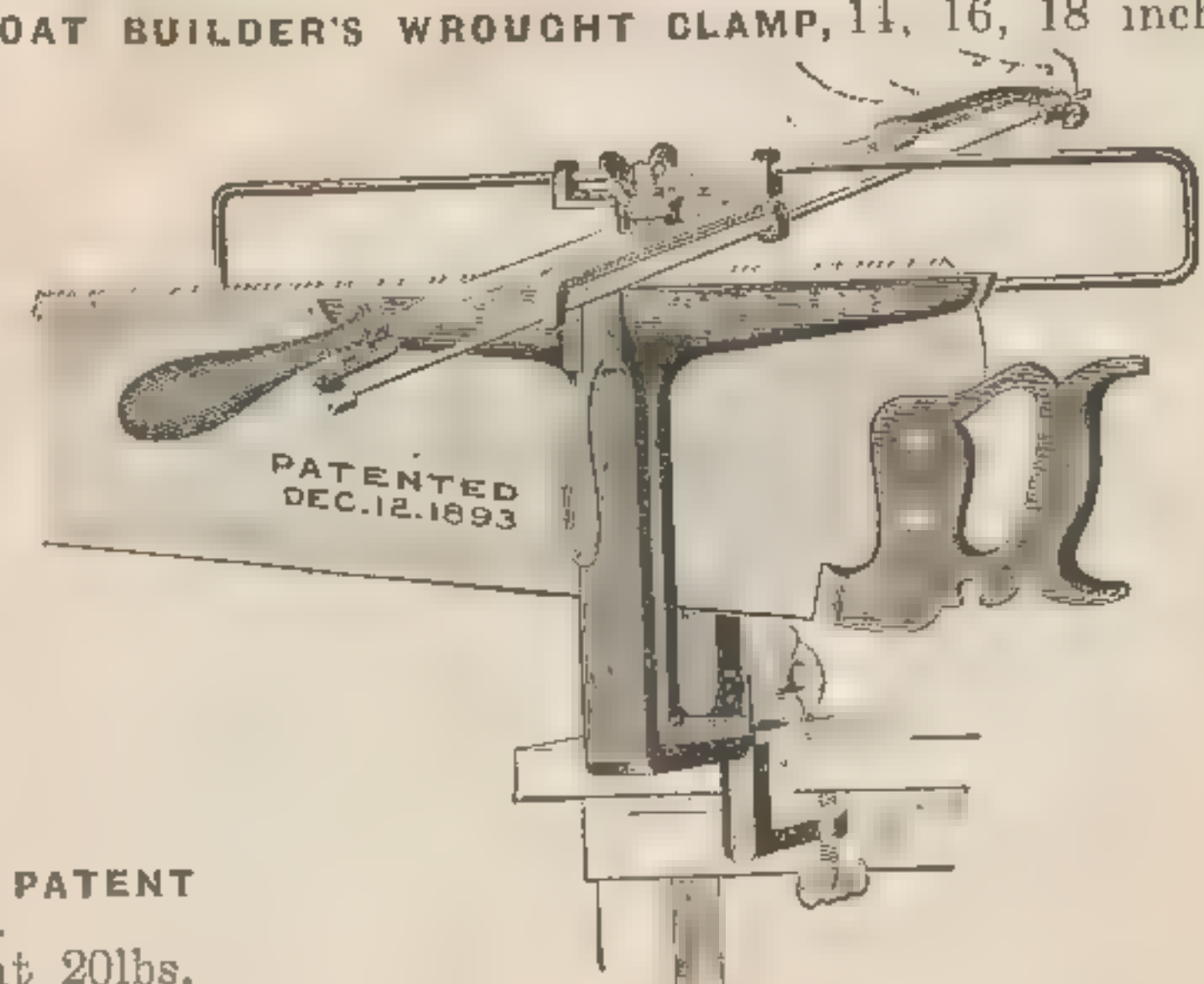
KIMBERLEY'S FLOORING CRAMPS, in pairs.
No. 1, heavy. No. 2, light.



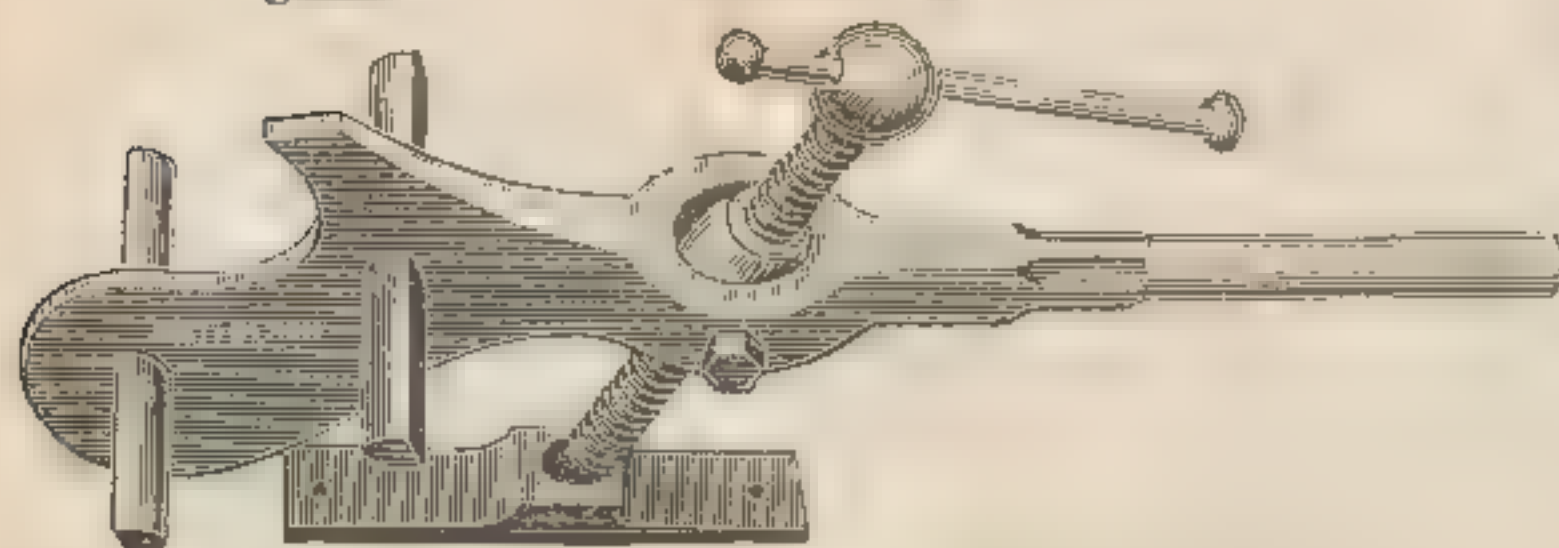
CRAMP HEADS.

WOODHEAD'S IMPROVED PATENT
FLOORING CRAMP.

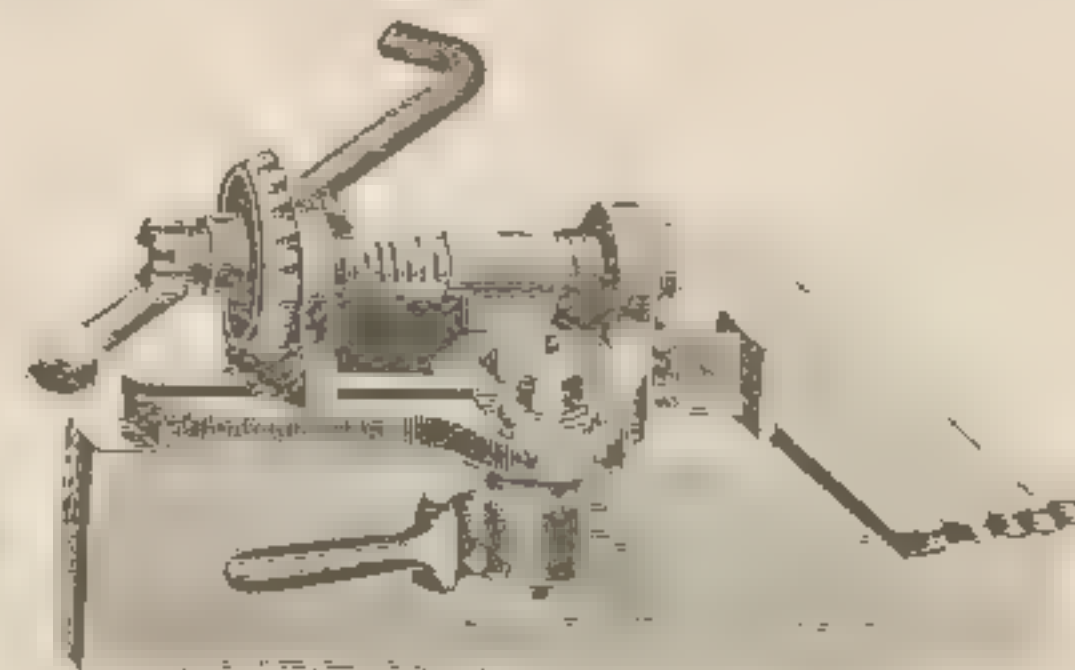
No. 5—41 in. long, weight 20lbs.
Grip 1½ to 3 in. joists. Suitable
for flooring. Can also be used
as a lifting Jack.
No. 6—27 in. long, weight 8 lbs.
Grip 1 to 3 in. joists.
No. 7—16 in. long, weight 4 lbs.
Grip 1 to 2½ in. joists.



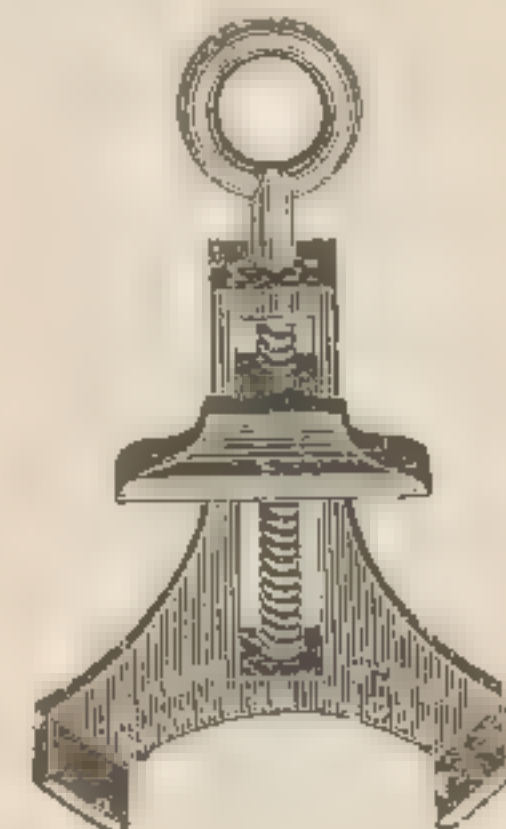
DISSTON'S SAW-FILING GUIDE AND
CLAMP.



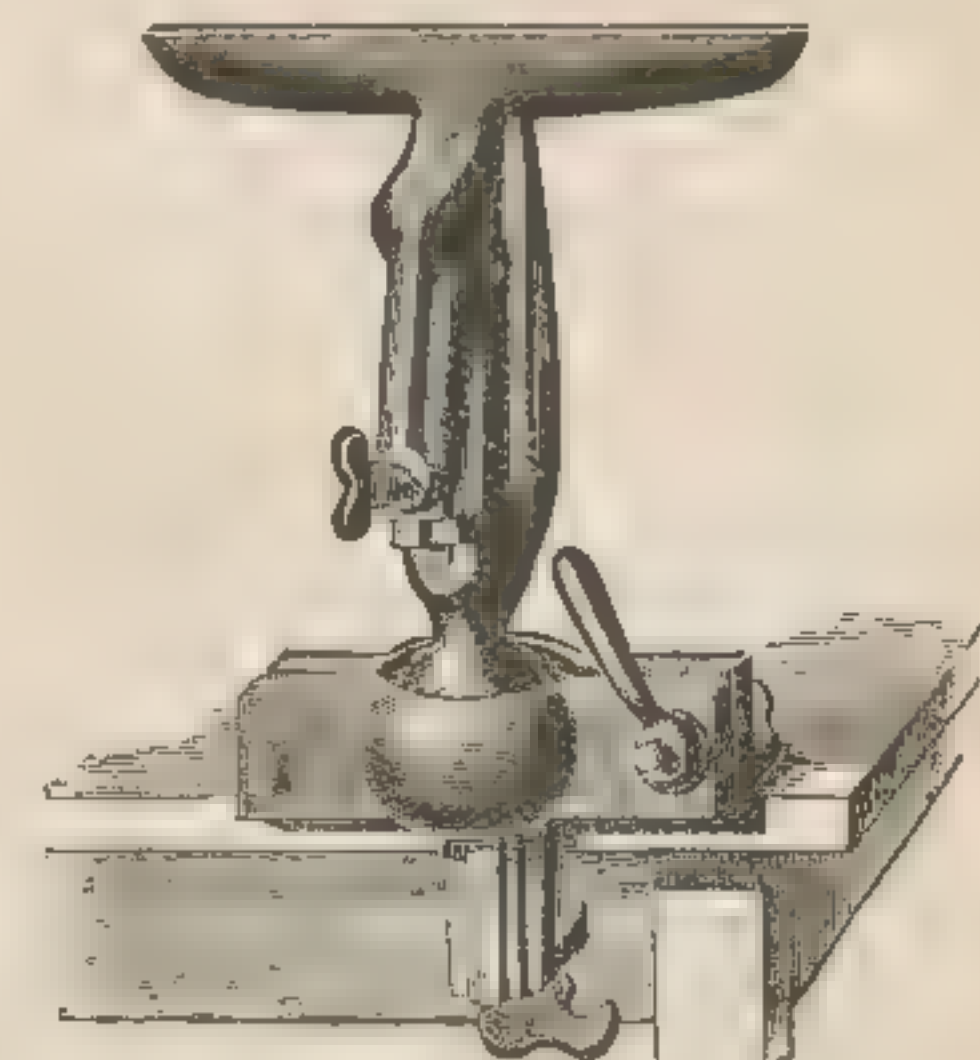
KIMBERLEY'S FLOORING CLAMP. Single Hand



BISSELL'S WROUGHT FLOORING CLAMP,
BISSELL'S CAST HEAVY CRAMP.



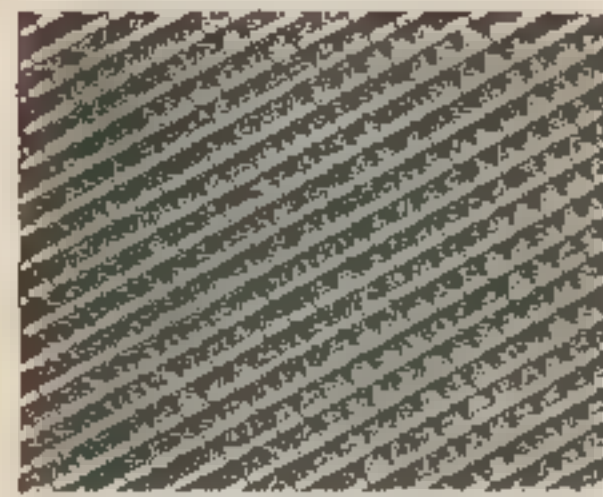
CORNER CRAMP.
Nos. 1, 2, 3.



DISSTON'S BALL AND SOCKET
SAW CLAMP.

Files and Rasps.

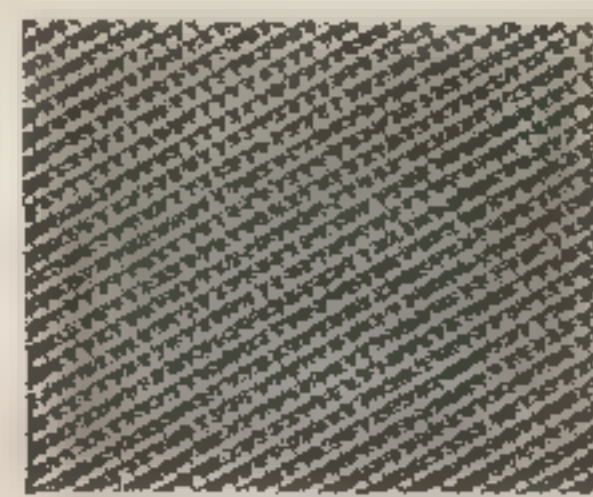
BLACK DIAMOND, Disston's, Wing's,
Nicholson's, Jowitt's, Kearney and Foot's, Heller Bros.'



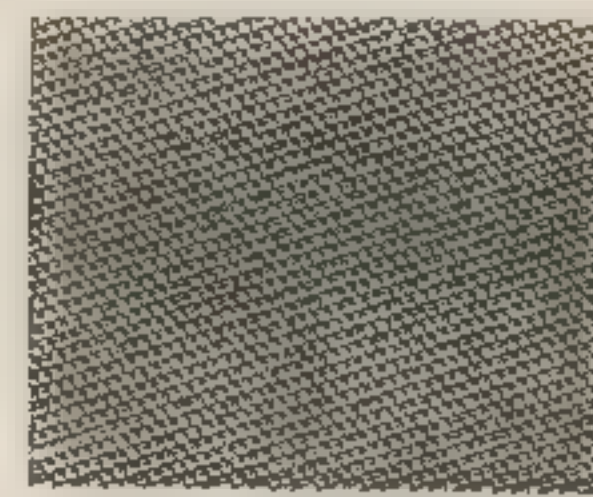
ROUGH.



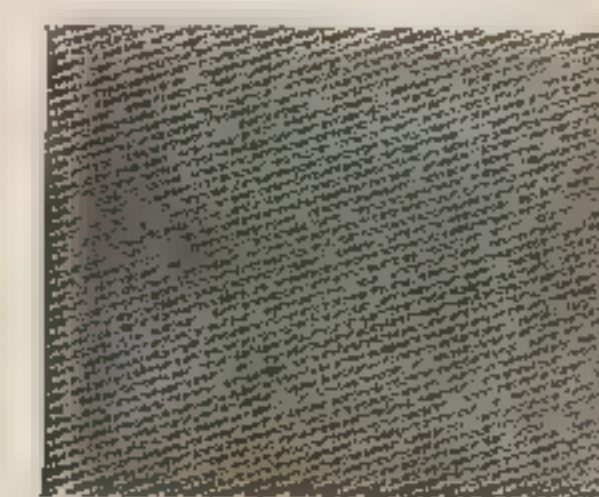
MIDDLE CUT



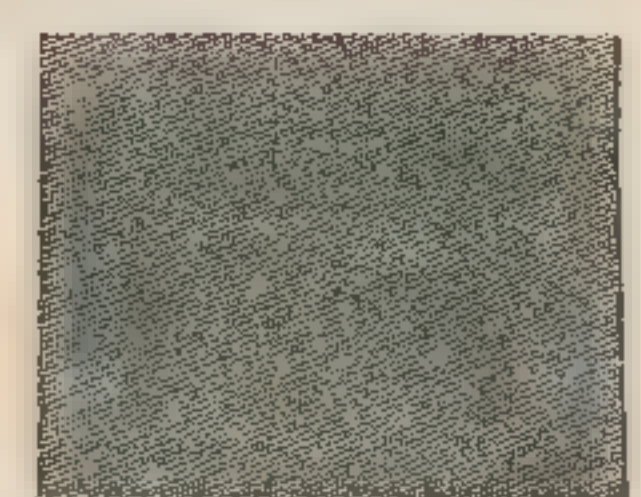
BASTARD CUT.



SECOND CUT.



SMOOTH.



DEAD SMOOTH.



HORSE.



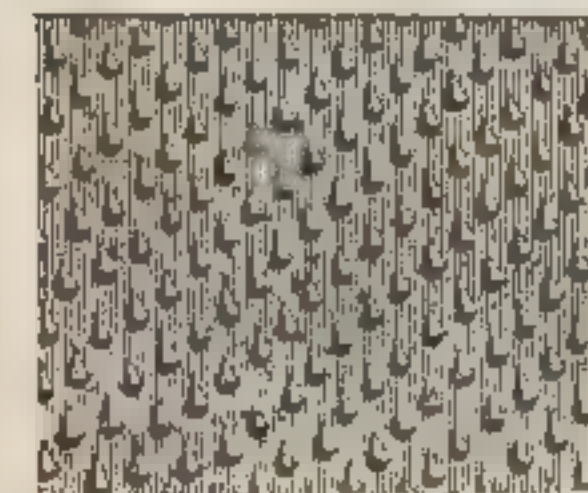
ROUGH.



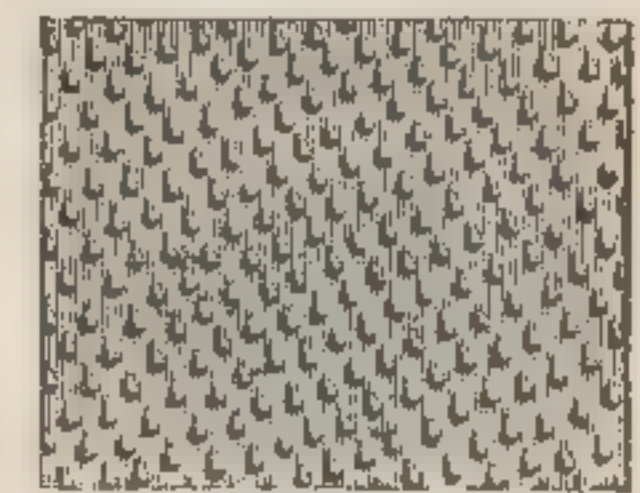
MIDDLE.



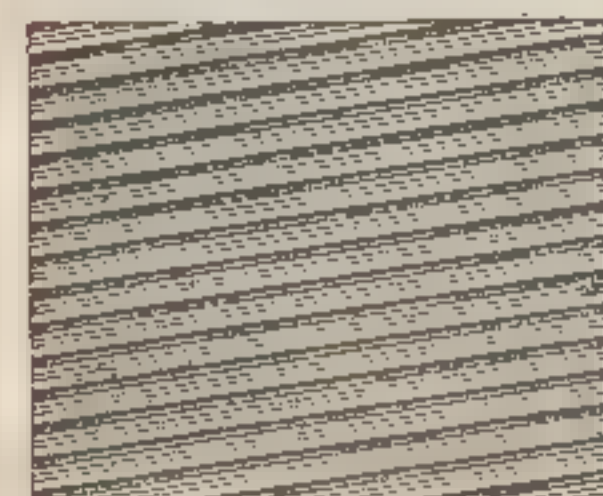
BASTARD.



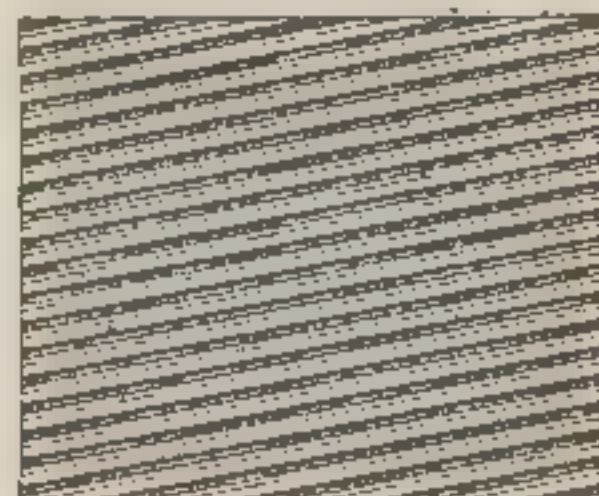
SECOND CUT.



SMOOTH.



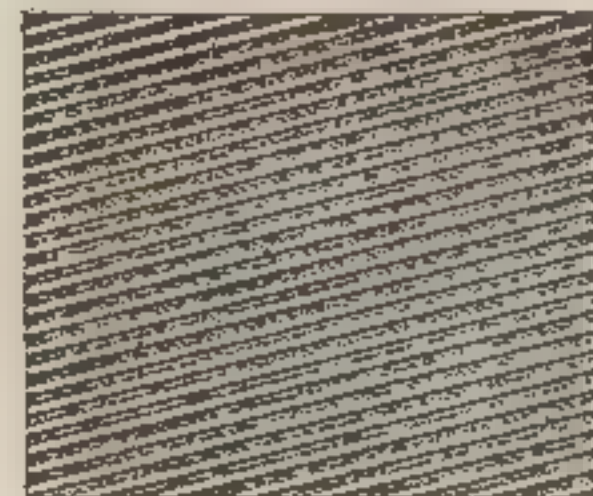
ROUGH.



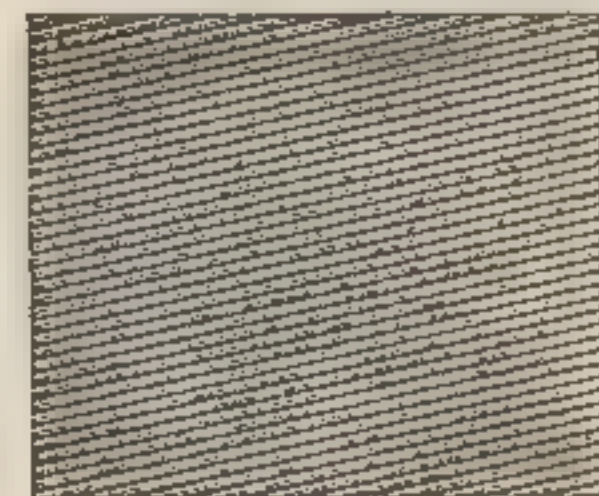
MIDDLE.



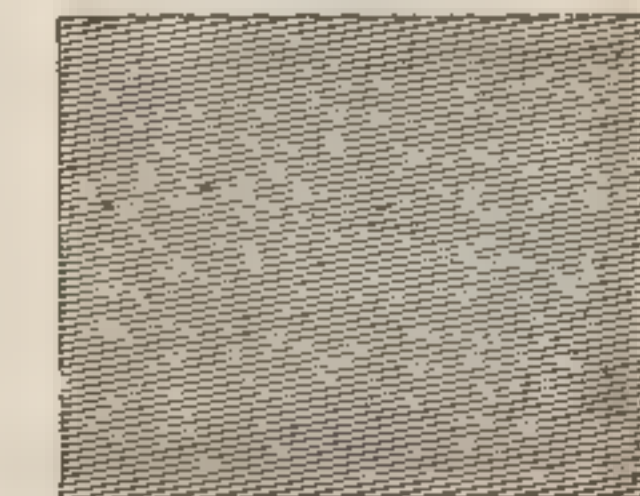
NEW CUT.



SMOOTH FLOAT.



SECOND CUT.



SMOOTH

TAPER SAW FILES

Inches.	2nd Cut Single.		2nd Cut Double.		Smooth Single.		2nd Cut Single.		2nd Cut Double.		2nd Cut Single.		2nd Cut Double.		2nd Cut Single.		2nd Cut Double.	
	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.	Per Dozen.	£ s. d.
1 to 3½	0 4 0		0 4 9		0 5 6		0 4 9		0 5 9		0 5 0		0 6 6		0 6 6		0 6 6	
4	0 4 6		0 5 3		0 6 3		0 5 3		0 6 3		0 5 6		0 7 6		0 7 6		0 7 6	
4½	0 5 0		0 6 0		0 6 3		0 5 9		0 6 9		0 6 8		0 8 6		0 8 6		0 8 6	
5	0 5 6		0 6 6		0 7 0		0 6 6		0 7 6		0 7 6		0 9 6		0 9 6		0 9 6	
5½	0 6 6		0 7 6		0 8 0		0 7 6		0 8 6		0 8 6		0 10 6		0 10 6		0 10 6	
6	0 7 6		0 8 6		0 9 0		0 8 6		0 9 6		0 9 6		0 12 0		0 12 0		0 12 0	
6½	0 8 6		0 9 6		0 10 0		0 9 6		0 10 6		0 10 6		0 13 6		0 13 6		0 13 6	
7	0 9 6		0 11 0		0 11 0		0 10 6		0 12 0		0 12 0		0 15 6		0 15 6		0 15 6	
7½	0 10 6		0 12 0		0 12 6		0 12 0		0 13 0		0 13 6		0 17 6		0 17 6		0 17 6	
8	0 12 0		0 13 6		0 14 0		0 13 6		0 14 6		0 15 6		0 19 6		0 19 6		0 19 6	
8½	0 13 6		0 15 0		0 15 6		0 14 6		0 16 0		0 17 6		1 1 6		1 1 6		1 1 6	
9	0 15 6		0 17 0		0 17 6		0 16 0		0 18 0		0 19 6		1 4 0		1 4 0		1 4 0	
9½	0 17 6		0 19 6		0 19 6		0 18 0		0 19 6		1 1 6		1 6 6		1 6 6		1 6 6	
10	0 19 6		1 1 0		1 1 0		1 0 0		1 2 0		1 4 0		1 9 0		1 9 0		1 9 0	

FRAME SAW FILES AND GULLETTING.

BLUNT SEGMENT SAW FILES & TAPER Cut to Point

BLUNT, 2nd Cut Double, and BAND SAW, 2nd Cut Single.

REAPER KNIFE FILES.

Inches.	PLAIN & SWAGED.		KNIFE SHAPE.		CANT SHAPE.	
	Single.	Double.	Single.	Double.	Single.	Double.
	Per Dozen.	Per Dozen.	Per Dozen.	Per Dozen.	Per Dozen.	Per Dozen.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
7	0 8 6	0 9 0	0 8 6	0 9 6	0 12 6	0 13 6
8	0 9 3	0 10 0	0 9 6	0 10 6	0 13 6	0 14 9
9	0 11 6	0 12 9	0 11 9	0 13 3	0 16 3	0 17 6
10	0 13 6	0 15 6	0 13 9	0 16 0	0 19 0	1 1 3

EXTRAS.

Taper Saw Files, Double Cut Smooth, to advance half inch on Single Smooth.

Frame Equalling Saw Files 3 inches on Frame Saw price.

THE "DREADNOUGHT" PATENT MILLING FILE.

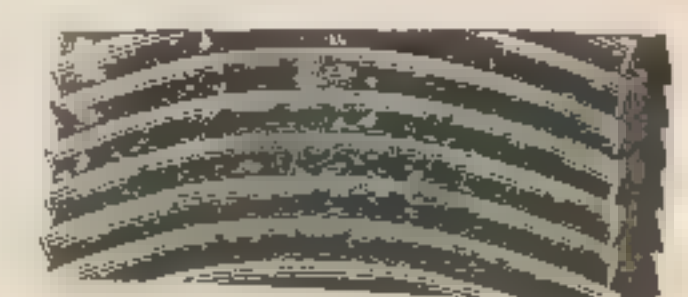
Sizes, 10 to 16in.

In flats and half-rounds.

This tool is superior in every way to the ordinary file; does more work, and lasts much longer.



"THE DREADNOUGHT."



SECTION.

Files and Rasps—Continued.

Flat, Half-round, Square, Round, Entering, Taper, Cotter, Horse, Shoe, Flat and Half-round Rasps.
Mill Saws one or two Square Edges Single and Double Cut.
Topping Files, Single and Double, left at point, and Safe Edges.

Three-square, Hand, Equalling one Safe Edge, Parallel Cotter, Pillar, Needle, Round off, Bone, Pottance, Round Edged Flat, Extra Thin Flat, and Flat and High back Half-round.

Hand and Equalling Cut both Edges, or with one double cut Edge.
Lock, Arch, Riffler, Tumbler, Oval Saw Files, Cant, Taper Cross, Bellied Three Square.
Double Tanged Mill Saw, Topping two Round Edges.

Inches.	Rough and Bastard.	2nd Cut Flat and Round Gunstockers and Round Rasps.	Smooth and Cabinet Files and Rasps.	Dead Smooth and Extra Smooth Cabinets.
1 to 4	Per Dozen.	Per Dozen.	Per Dozen.	Per Dozen.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1 to 4	0 4 9	0 5 6	0 6 9	0 10 3
4½	0 5 3	0 6 0	0 7 6	0 11 3
5	0 5 9	0 6 9	0 8 3	0 12 "
5½	0 6 3	0 7 6	0 9 0	0 13 6
6	0 7 0	0 8 3	0 9 6	0 14 6
6½	0 7 6	0 8 9	0 10 6	0 15 9
7	0 8 6	0 9 9	0 11 6	0 17 6
7½	0 9 6	0 10 9	0 12 3	0 18 6
8	0 10 6	0 12 0	0 13 6	1 0 0
8½	0 11 0	0 12 9	0 14 6	1 2 0
9	0 12 0	0 13 6	0 15 6	1 3 6
9½	0 13 6	0 15 3	0 17 0	1 5 6
10	0 15 0	0 17 0	0 19 0	1 8 6
10½	0 16 6	0 18 6	1 0 6	1 11 0
11	0 18 0	1 0 0	1 3 0	1 15 0
11½	1 0 0	1 2 0	1 5 0	1 18 0
12	1 1 6	1 4 0	1 6 6	2 0 0
12½	1 3 0	1 5 6	1 8 0	2 2 0
13	1 5 0	1 7 0	1 10 0	2 5 0
14	1 10 0	1 13 0	1 16 0	2 14 0
15	1 16 0	1 19 0	2 2 0	3 3 0
16	2 3 0	2 7 0	2 12 0	3 18 0
17	2 10 0	2 15 0	3 3 0	4 14 0
18	3 0 0	3 5 0	3 14 0	5 11 0
19	3 8 0	3 15 0	4 4 0	6 6 0
20	4 1 0	4 9 0	4 19 0	7 9 0
21	4 13 0	5 1 0	5 13 0	8 10 0
22	5 6 0	5 15 0	6 8 0	9 12 0
23	6 1 0	6 12 0	7 6 0	11 0 0
24	7 0 0	7 11 0	8 6 0	12 10 0

EXTRAS.

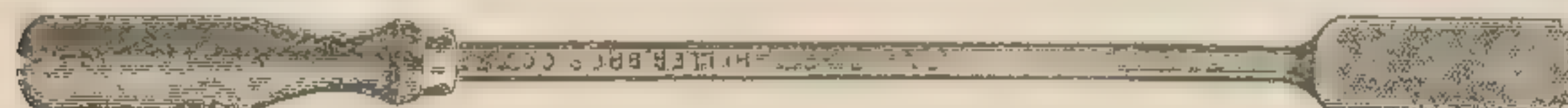
All above 24 inches, 20s. per inch extra.
Flat Files, double cut on the edge, to advance ½ inch.
Topping, Square Out Edges, advance ¼ inch.
Mill Saw, 2 Round Edges, advance ½ inch.
Feather Edge and Knife Files, to advance 3 inches.

EXTRAS.
All above 24 inches, 20s. per inch extra.
Pin Files and Tanged Horse Rasps, to advance 1 inch.
Round off with points, to advance 1 inch.
Needle exceeding breadth of Hand Files, as Equalling cut on both edges.
Equalling and Cotter Files, extra thin, to advance 1 inch.

EXTRAS.

All above 24 inches, 20s. per inch extra.
Hand and Equalling with round Edges, advance 1 inch; if double cut, 2 inches.
Two-Tanged Mill Saw, 2 Round Edges, advance ½ inch.

Peter Stubs' Bastard Out Saw,	3	3½	4	4½	5	5½	6	6½	7	8	9	10	12 inch.
" " Frame,	2.9,	3.0,	3.6,	3.10,	4.6,	5.0,	5.6,	6.6,	7.0,	10.0			
" " Mill,		3.6,	3.6,	4.0,	4.6,	5.0,	5.6,	6.6,	7.0,	10.0			
Second "										10.0	12.0	15.0	20.0
										12.0	15.0	18.0	24.0

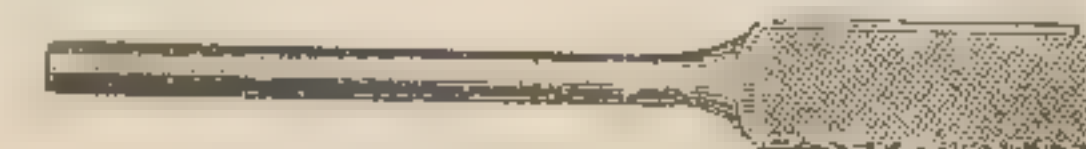


HELLER'S HORSE MOUTH RASPS.

No. 1.



FRET SAW, KIT (JEWELLER, &c.).



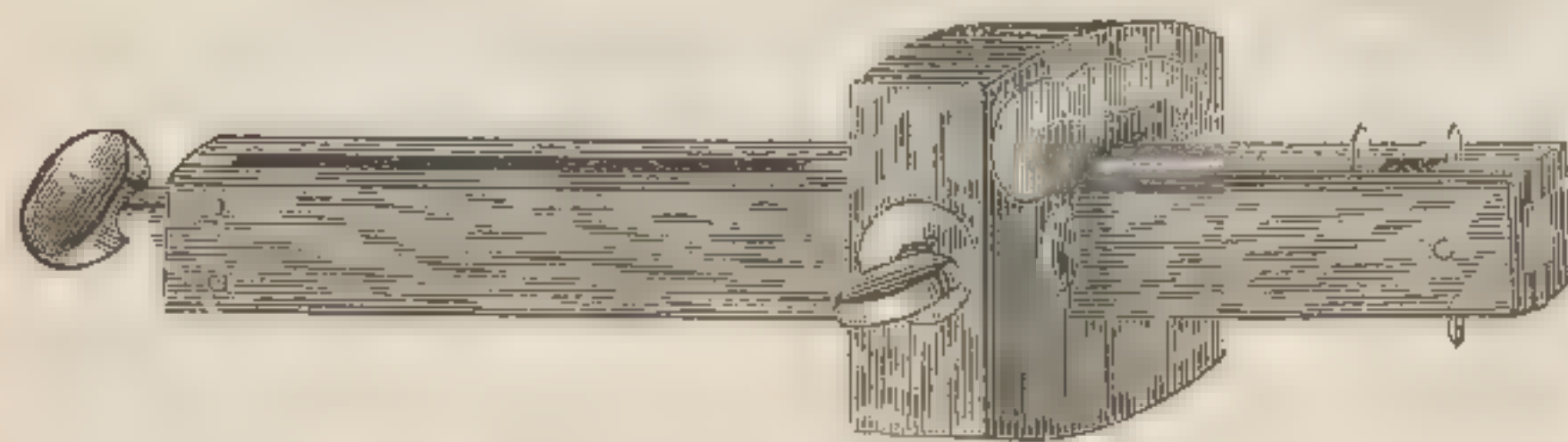
EXTRA FLOATS STOCKED.

No. 2.

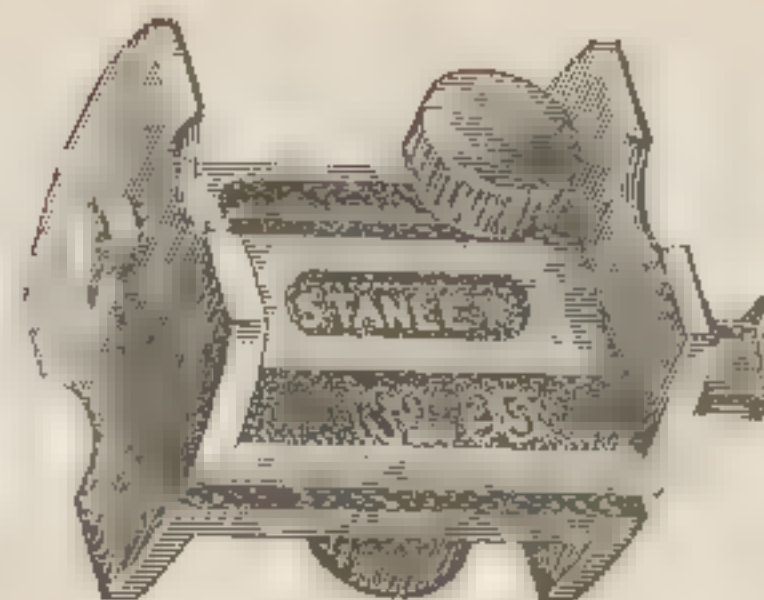
Gauges, etc.

English and American Makers.

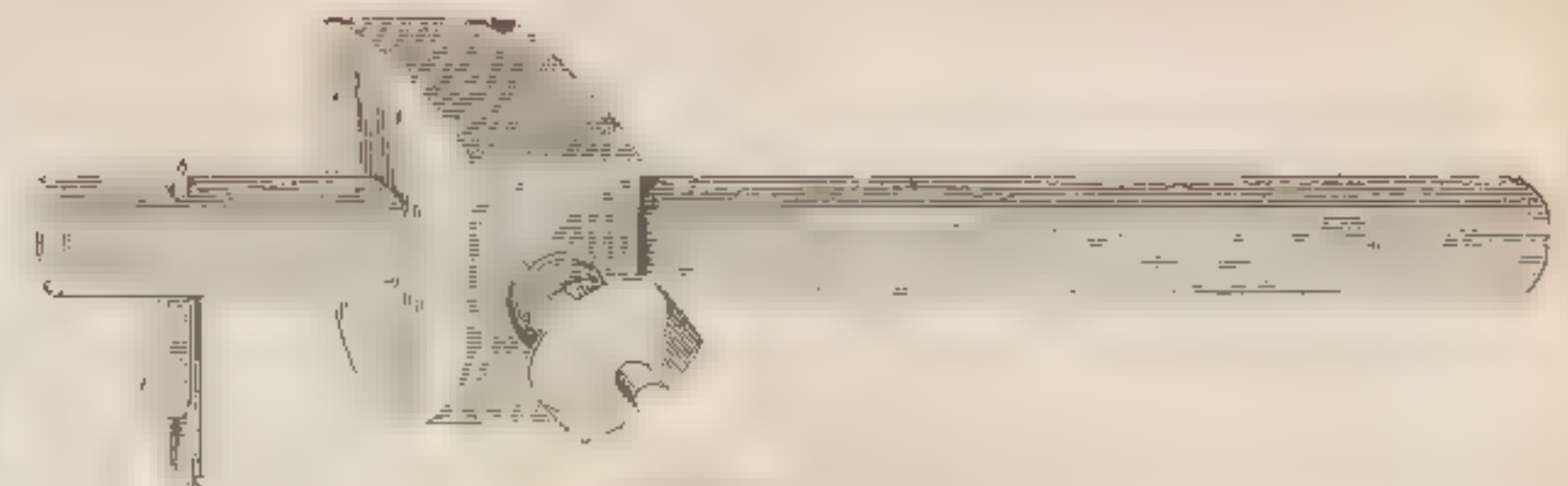
Various Qualities.



MARKING AND MORTICE GAUGE.



IMPROVED BUTT GAUGE.



CUTTING GAUGE.



MARKING GAUGE.



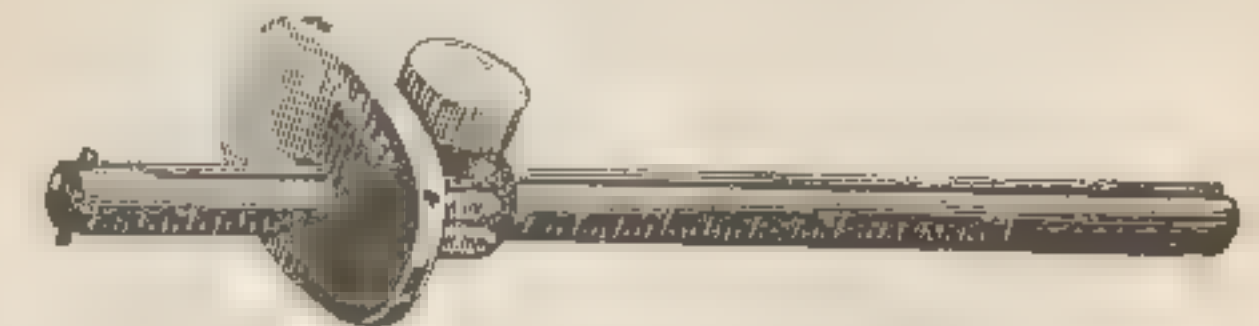
No. 1.
FOLDING WIRE GAUGE.
New standard in leather case.



N.P. MARKING AND MORTICE GAUGE.



MORTICE GAUGE.

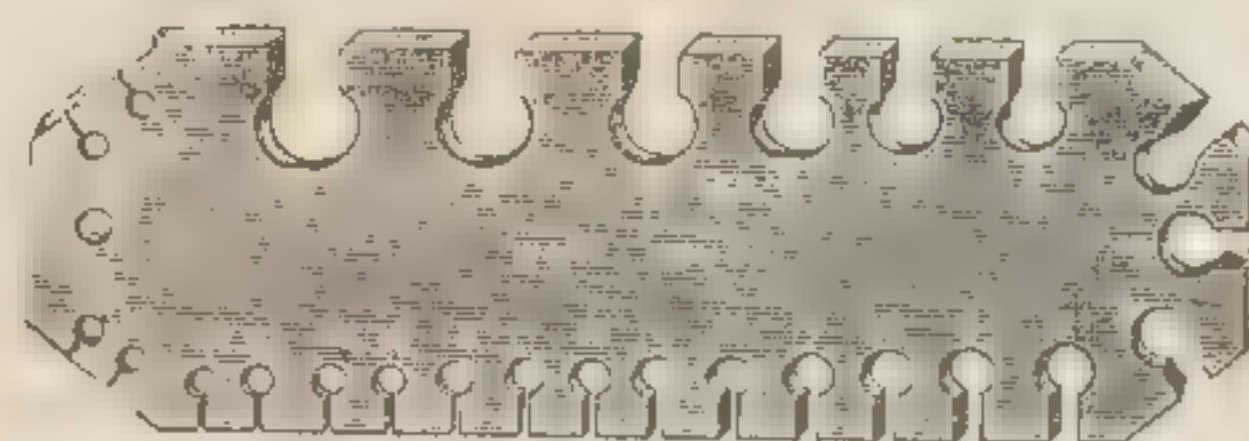


N.P. MARKING GAUGE.



GIMLETS.
In sets of 12 bits
with movable band
Handles for above
stocked separately.

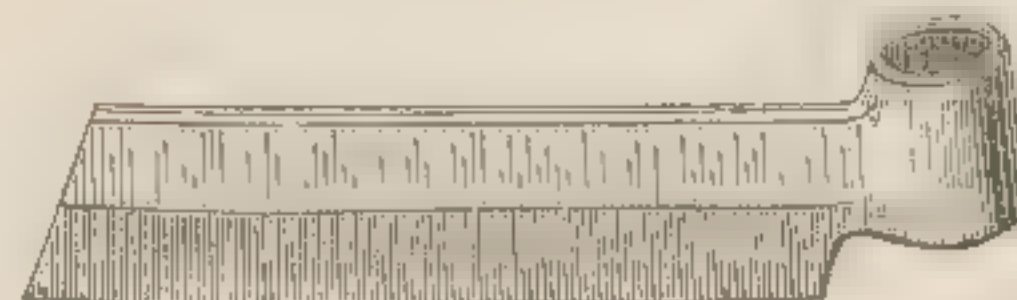
GIMLETS.
All sizes and
qualities.



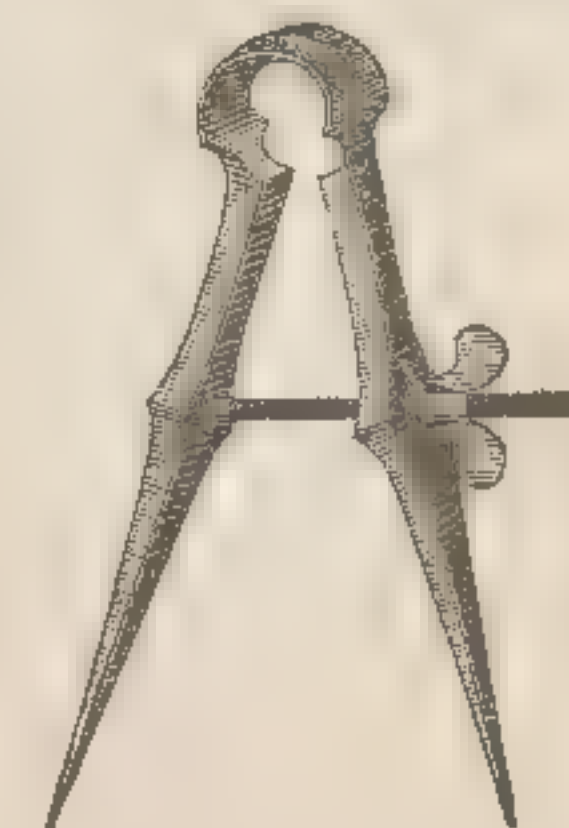
No. 2.
OBLONG WIRE GAUGES, NEW STANDARD.
ROUND ditto ditto.



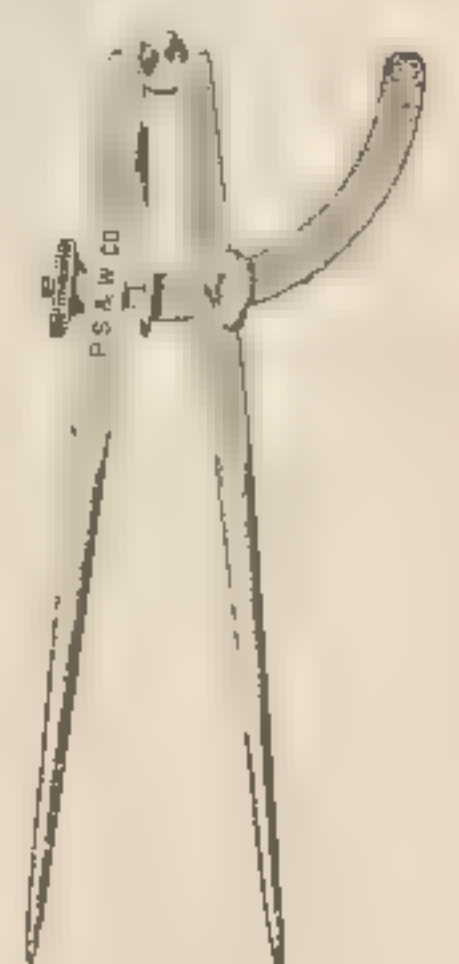
FIRMER GAUGE. All sizes, $\frac{1}{8}$ to $1\frac{1}{2}$ in.
Also, SOCKET AND TURNING GAUGES.



FROE. 7, 8, 9, 10, 12 in.



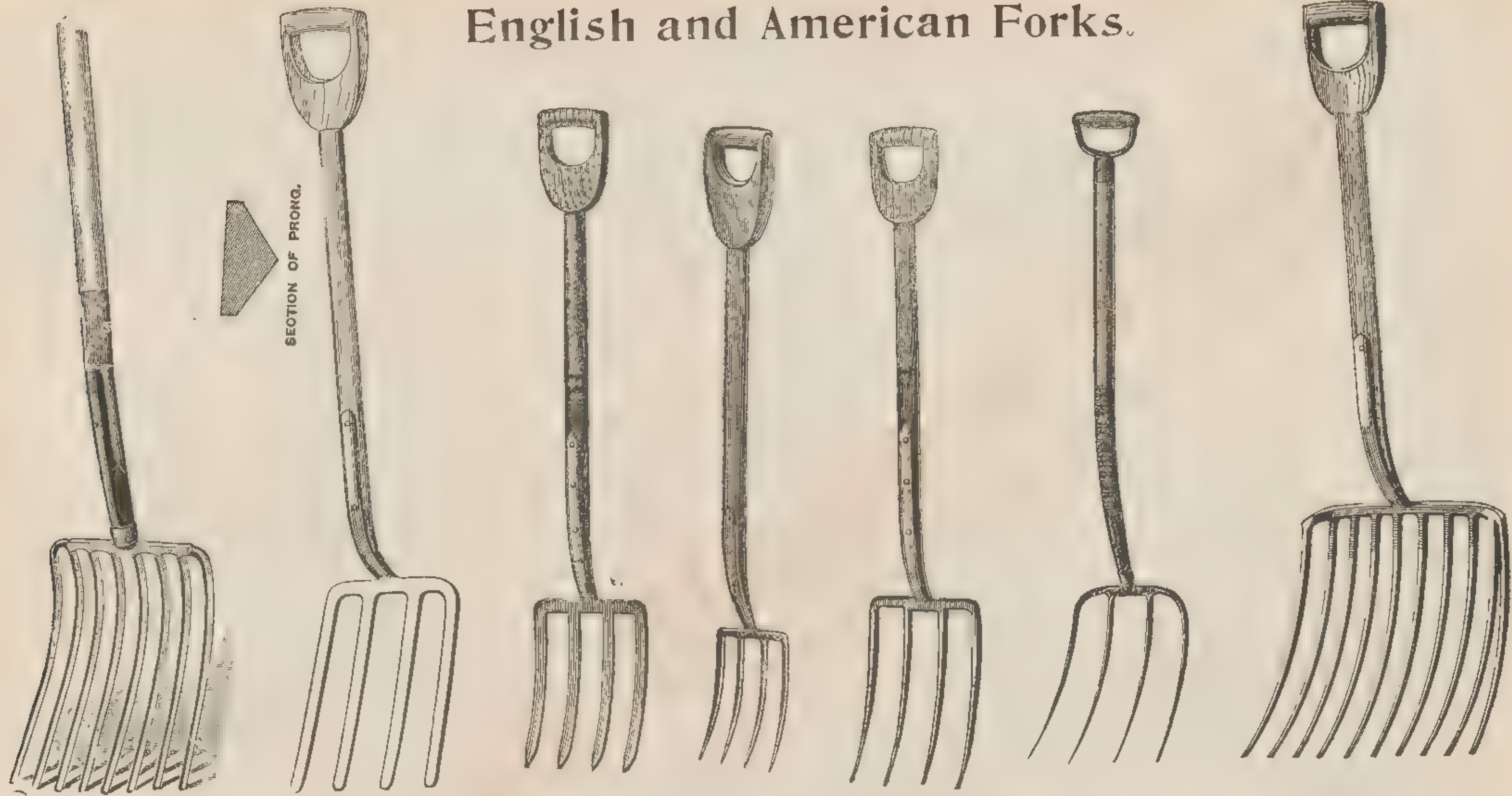
SPRING DIVIDERS,
4, 5, 6, 7 inch.



DIVIDERS,
with two adjusting
screws.
6in., 7in., 8in.

EMERY POWDER—Nos. 0 F. 1 $1\frac{1}{2}$ 2 $2\frac{1}{2}$ 3
90 60 40 30 24 22 20 hole.
EMERY CLOTH — 1 F. F. 1, 1 $\frac{1}{2}$, 2, 2 $\frac{1}{2}$ 3.
EMERY CLOTH SPECIAL SHEETS, 15 x 15 FOR SHEARING MACHINES.
Nos. F, $1\frac{1}{2}$, 2, 2 $\frac{1}{2}$, 3.

English and American Forks.



SLUICE FORK.
Long Handle. 8, 10 Tine.

SPADING FORK.
4, 5 Tine.

POTATO FORK.
4, 5 Tine.
Flat and Diamond Back.

BORDER FORK.
4 Tine.

DIGGING FORK.
4, 5 Tine

MANURE FORK.
4, 5 Tine.

STONE FORK.
8, 10 Tine.



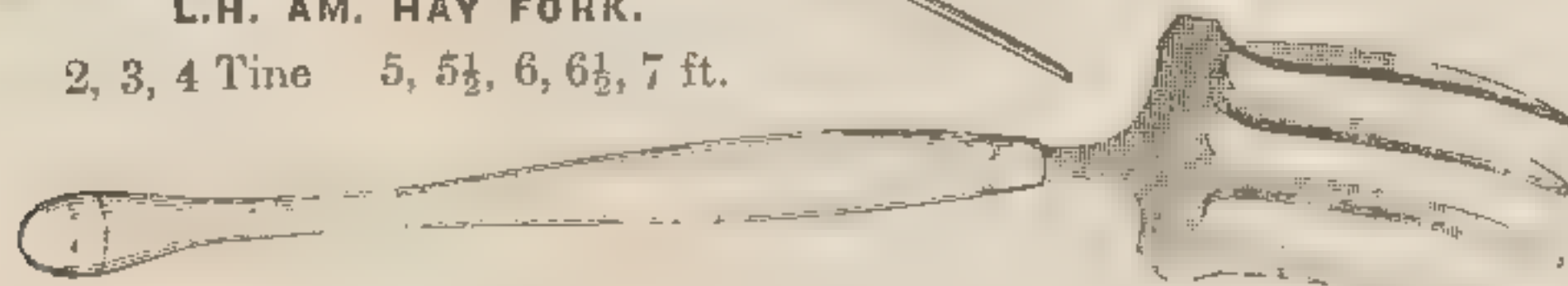
L.H. AM. HAY FORK.
2, 3, 4 Tine 5, 5½, 6, 6½, 7 ft.



WEEDING FORK.
No. 1.

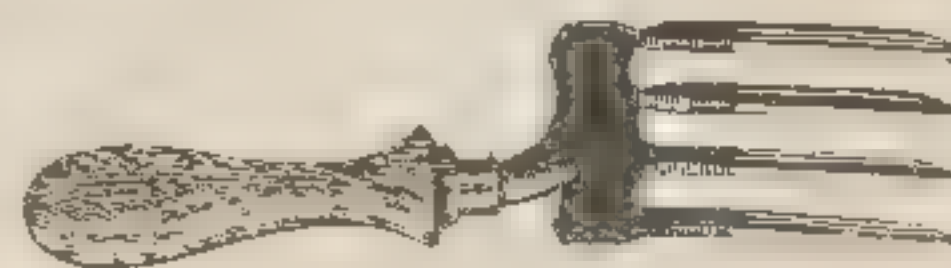


AM. L.H. MANURE FORK.
4, 5 Tine.



LONG HANDLE WEEDING FORK. No. 3.

ALSO, COAL, WINNOWING, L.H. SPADING,
LADIES' DIGGING AND OTHER FORKS.

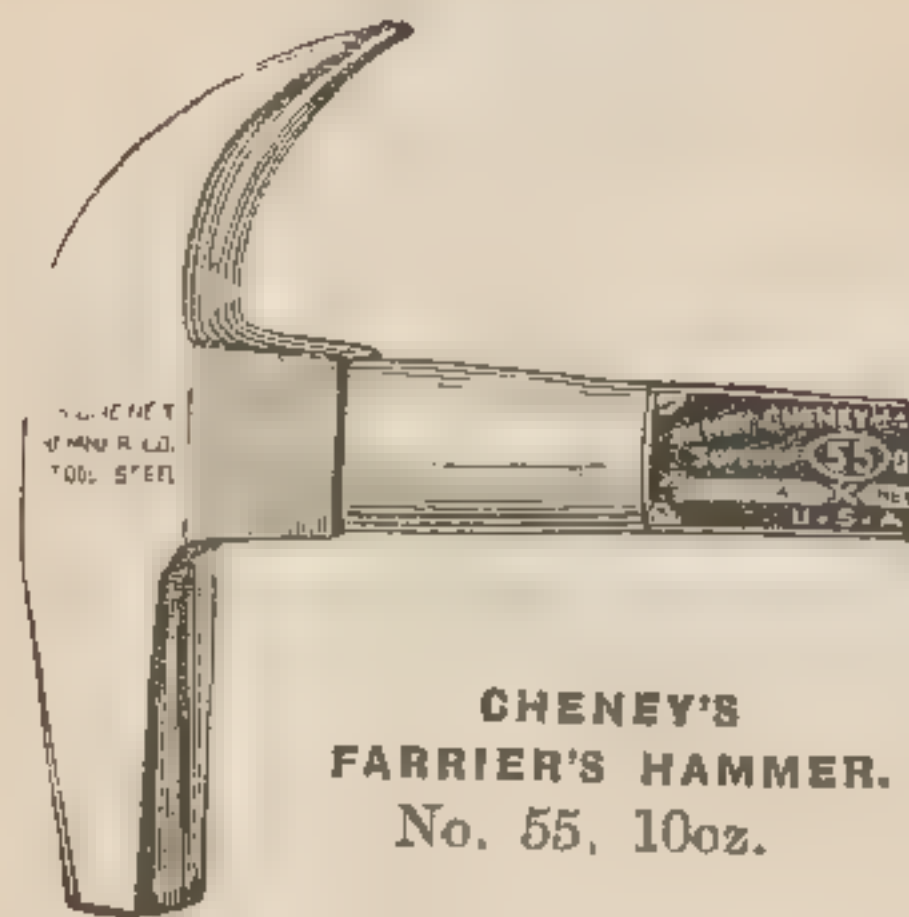


WEEDING FORK. No. 2.

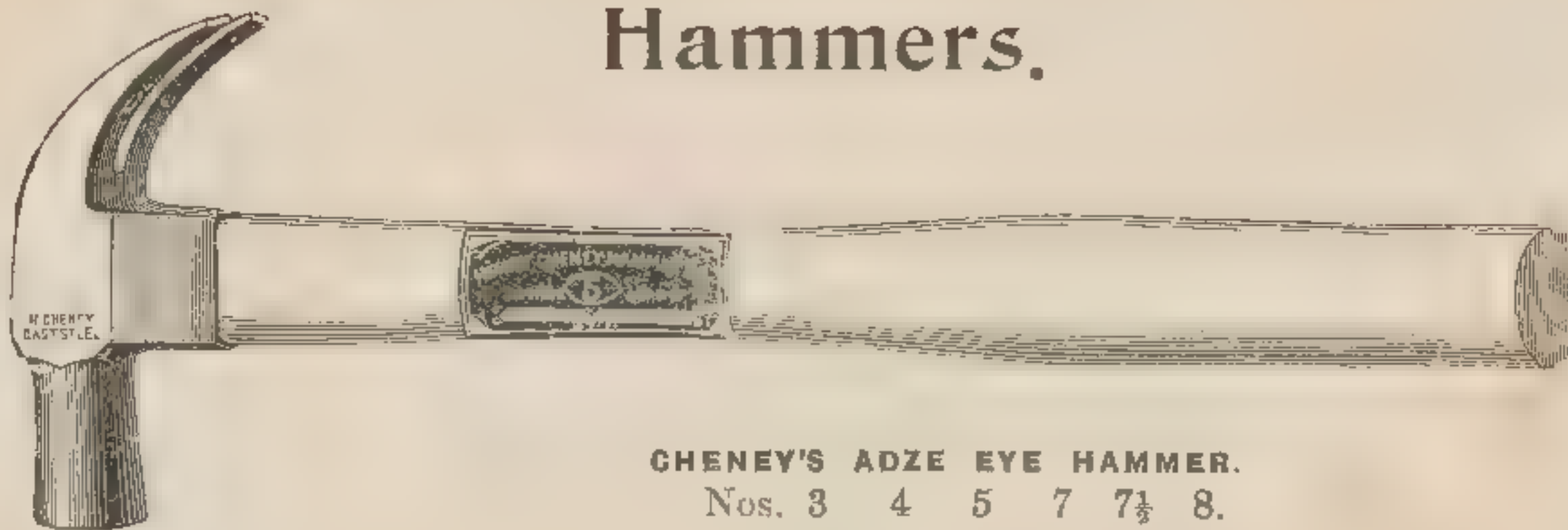


WEEDING FORK. No. 4.

Hammers.

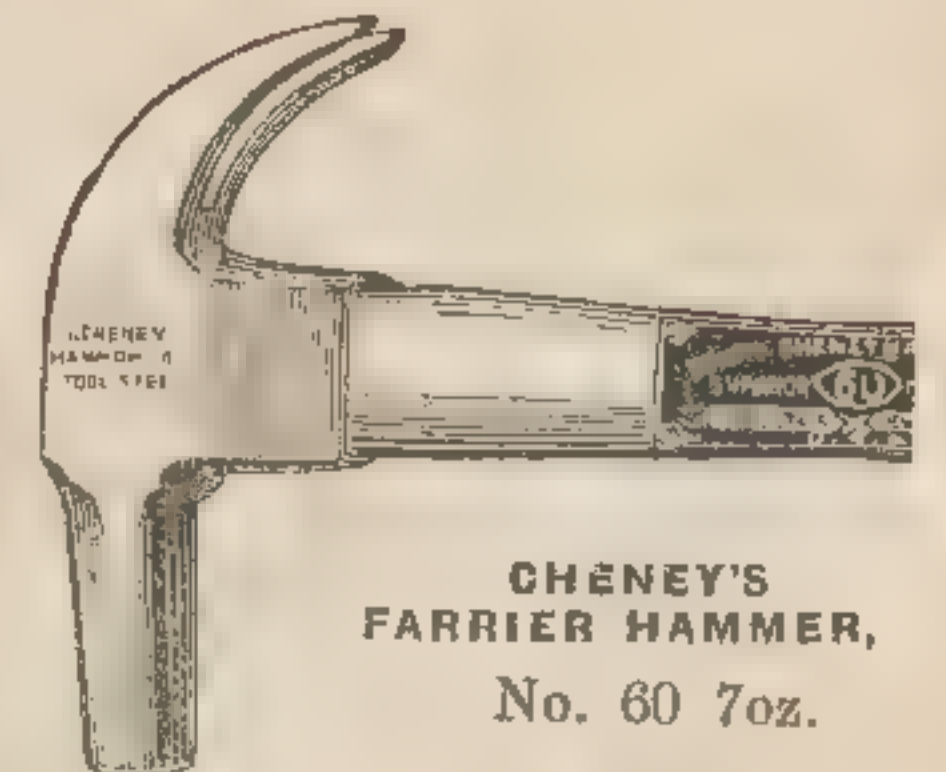


**CHENEY'S
FARRIER'S HAMMER.**
No. 55, 10oz.

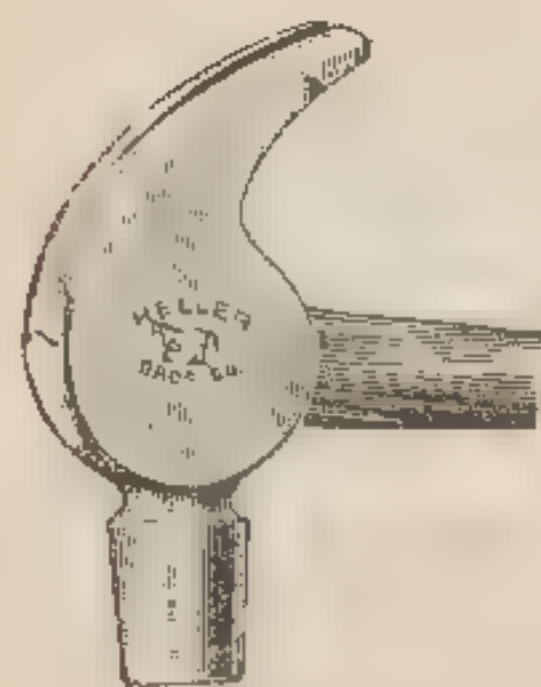


CHENEY'S ADZE EYE HAMMER.
Nos. 3 4 5 7 7½ 8.
Weight—1½ 1¼ 1½ lb. 16 13 7oz.

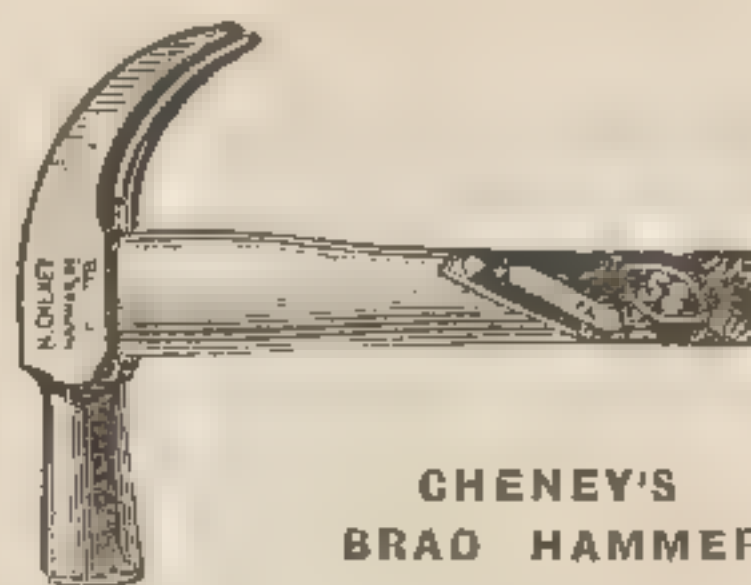
Also, **QUAKER CITY**, Nos. 129, 130, 131, 132, and **LOWER QUALITIES**,



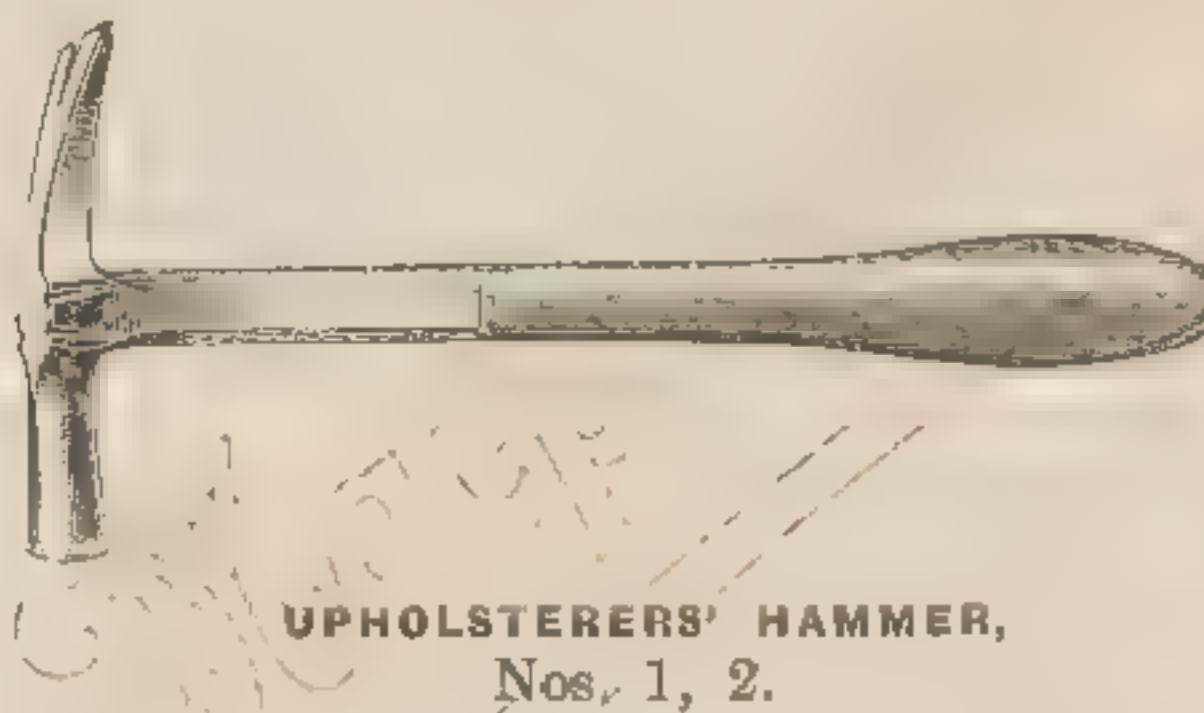
**CHENEY'S
FARRIER HAMMER,**
No. 60 7oz.



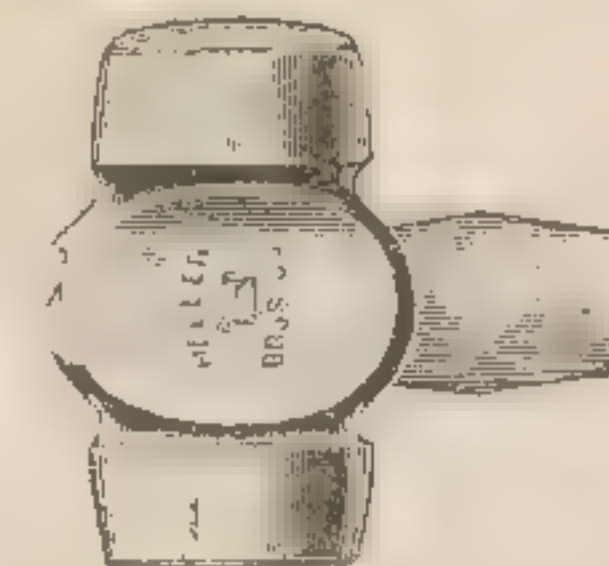
**HELLER BROS.'
SCOTCH PATTERN
DRIVING HAMMER.**



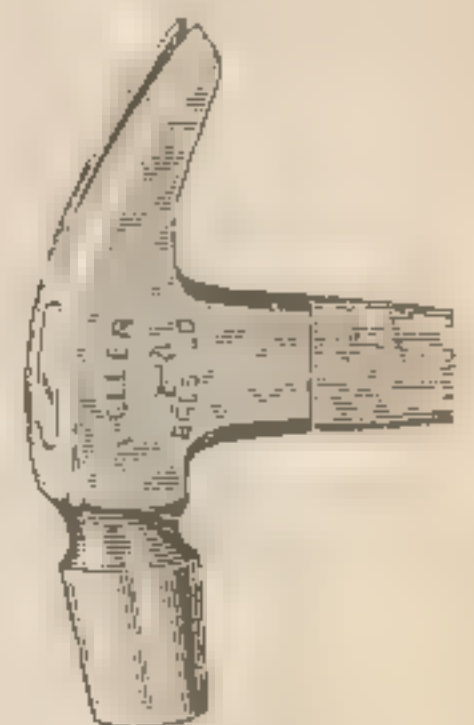
**CHENEY'S
BRAD HAMMER.**
No. 58, 4oz.



UPHOLSTERERS' HAMMER,
Nos. 1, 2.



**HELLER BROS.' ROUNDING
HAMMER.**



**HELLER PATTERN
DRIVING HAMMER.**



BRICKLAYERS' SCUTCH.



BRICKLAYERS' HAMMER.



**N.P. TACK HAMMER (Assorted. Other
Tack Hammers stocked.**



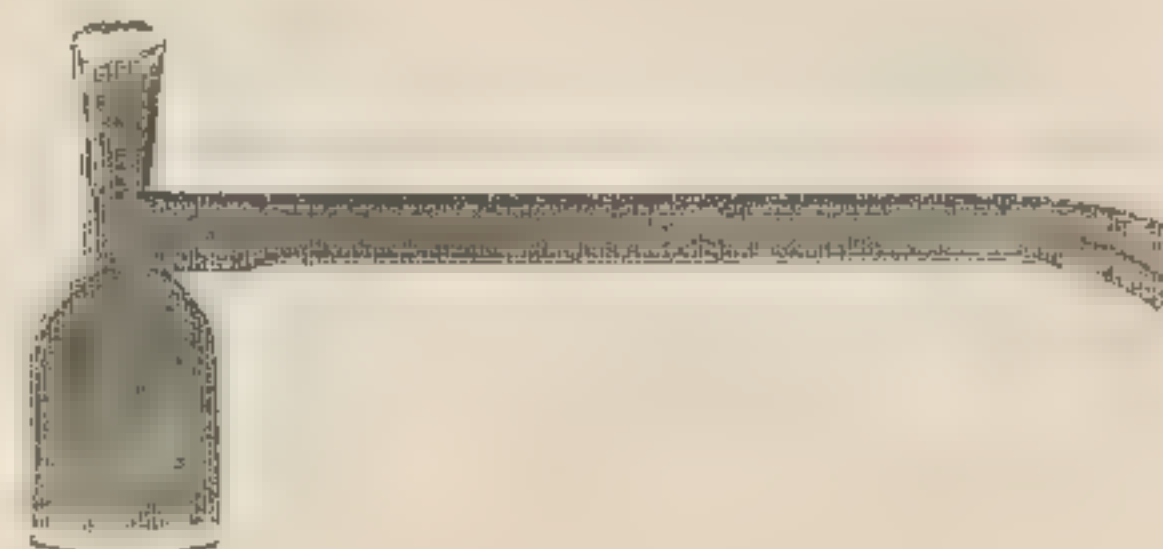
WARRINGTON HAMMER. RIVETTING HAMMER.
Nos. 0, 1, 2, 3, 4, 5, 6. Nos. 0, 1, 2,
MATHIESON'S PIN HAMMERS. 3, 4, 5, 6.
4. 6. 8oz.



FRAMING 2, 2½, 3½ lbs



SHOEMAKERS' HAMMER.
Nos. 1, 2, 3.



GROGER'S HAMMER

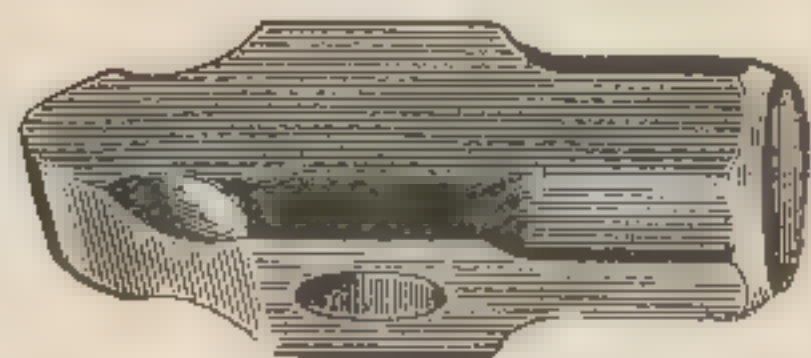


**CROSS PEIN. BALL PEIN. STRAIGHT PEIN.
ENGINEERS' HAMMERS.**
½ to 3 lbs.

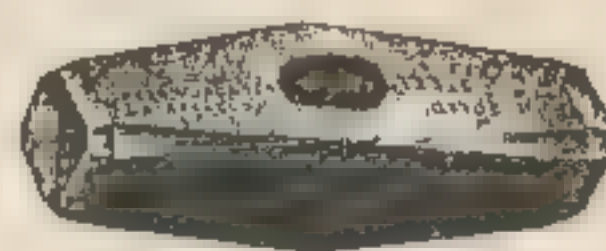
Hammers (Continued), Wedges, Etc.



**DOUBLE-FACED
SLEDGE HAMMER.**
4 to 16 lb.



**CROSS AND STRAIGHT PANE
SLEDGE HAMMER.**
4 to 16 lb.

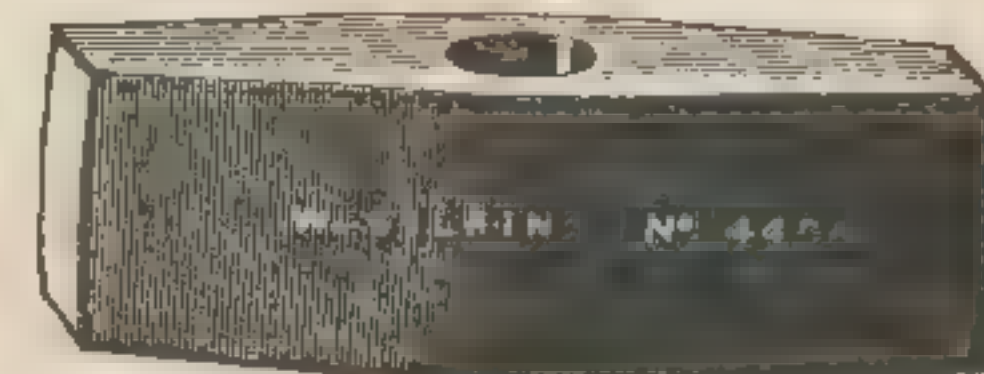


DRILL HAMMER.

Andrews and other makers.
2½ to 10 lb.



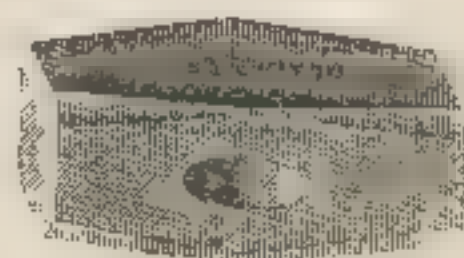
SCABBLING HAMMER.
5 to 8 lb.



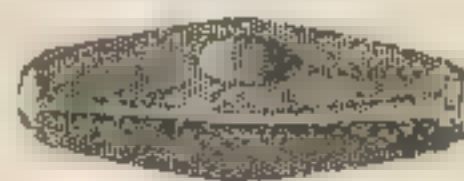
SPALLING HAMMER. 3 to 18 lb.



PIN MAUL.
4 to 6 lbs.

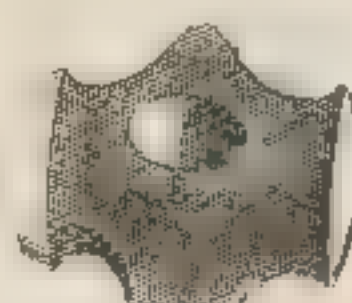


BRICK (CLUB).
2, 2½ lbs.



NAPPING HAMMER.

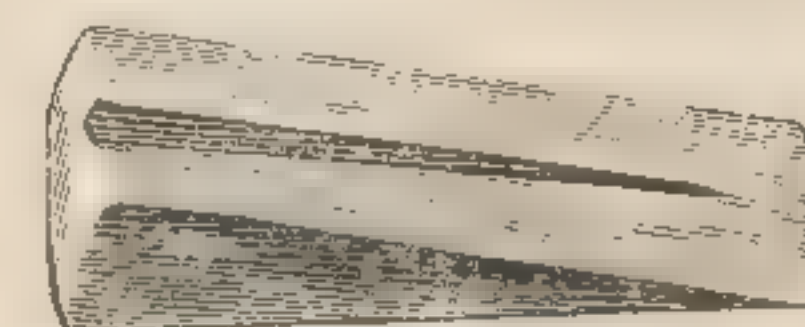
Brades, and other makers.
1 to 3 lbs.



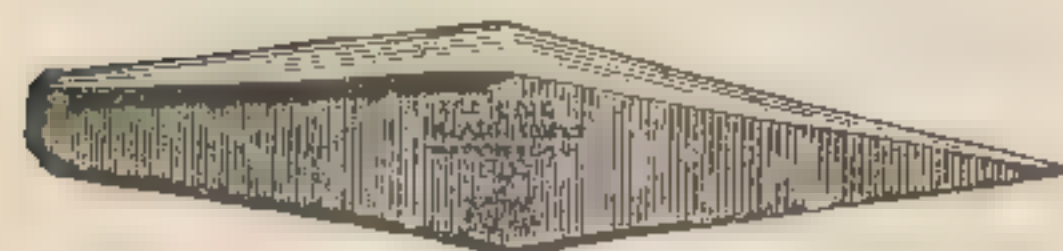
**CAT'S FACE
SHOE TURNING**



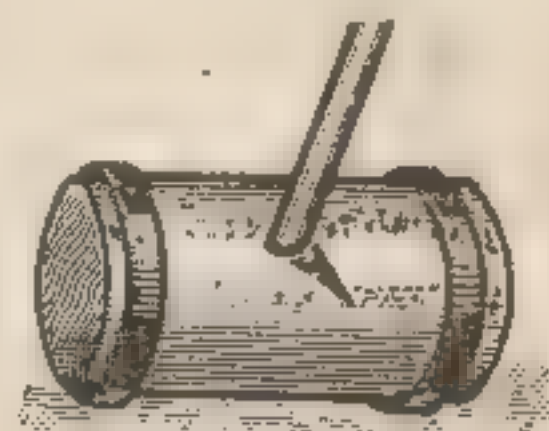
MAUL RING. 4, 4½, 5 inch.



**GILPIN'S SOLID STEEL SPLITTING
WEDGE.** 1 to 10 inch.
Other makers stocked.



MINERS' COAL WEDGE OR GAD.
2½, 3, 3½ lbs.



WOODEN MAUL.

SET OF EIGHT CAULKING IRONS.



SCALING HAMMER.
1 lb.



QUARRY WEDGE OR GAD.
Quarry Mauls stocked.



JERRY.



TRENAIL.



CAULKING.



SINGLE CREASE.



DOUBLE CREASE.



SHARP.



COPPERING PUNCH.



**SPIKE
IRON.**

Handles.

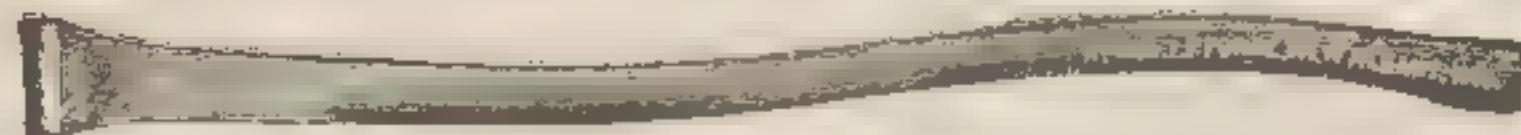


AXE HANDLES.

Nos. Extra, 1, 2, A. (in diamond), Wired.
Half (24 inch). Three-quarters (28 inch).



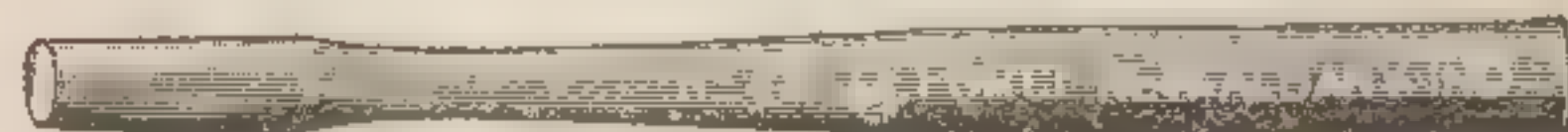
SQUARING AXE HANDLES. Right and Left Hand.



COLONIAL PATTERN ADZE HANDLE.



SHIP PATTERN ADZE HANDLE.



HAMMER HANDLE.

Engineers' 12, 14, 16, 18, 20, 22, 24 inch
Striking, 30, 34 inch.
Sledge, 36, 42 inch.



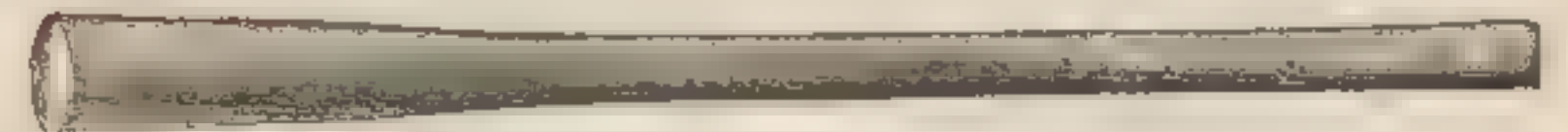
MALLEABLE SHOVEL DEE.



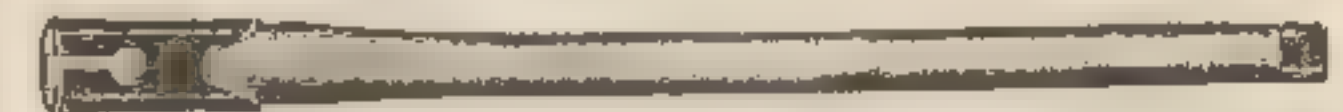
OVAL EYE DRIVING PICK HANDLE.



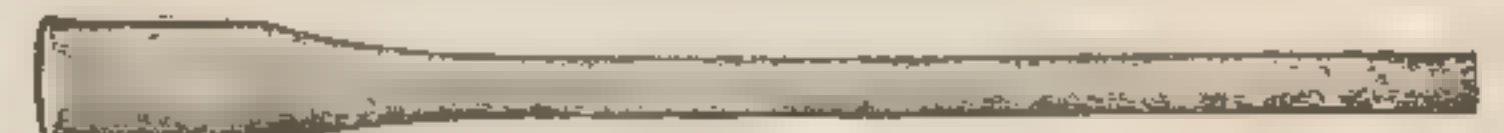
SQUARE EYE DRIVING PICK HANDLE.



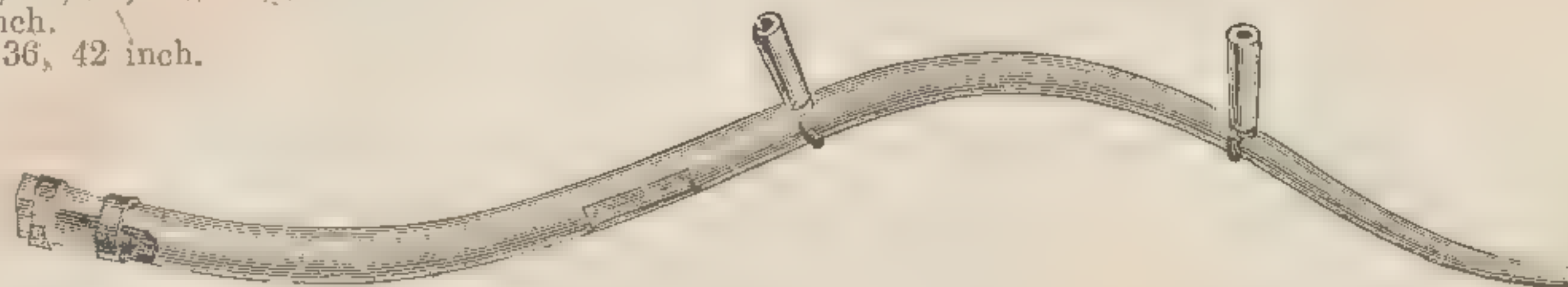
DOUBLE END PICK HANDLE. Nos. 1, 2.



UNIVERSAL PICK HANDLE. Shod and Unshod, 30, 32, 36 inch. For Coal and Road Picks.



OVAL EYE COAL PICK HANDLE.



SCYTHE HANDLE OR SNATH. No. 00.

FIRMER AND SOCKET CHISEL, WOOD FILE, WELLS' UNBREAKABLE FILE (NOS. 1, 2), ADZE EYE HAMMER, BROOM, CARVING TOOLS, FORK (5 to 7 FEET), HOE (2, 2½ INCH x 4½, 5, 6 FEET), MOP, JACK AND TRYING PLANE, SPADE, D. & T. & LONG SHOVEL, QUARRY PICK, RAKE (5 to 7 FEET), SAW (ALL KINDS), TURNSCREW, TURK'S HEAD HANDLES.

Hatchets, 'Hooks,' etc.

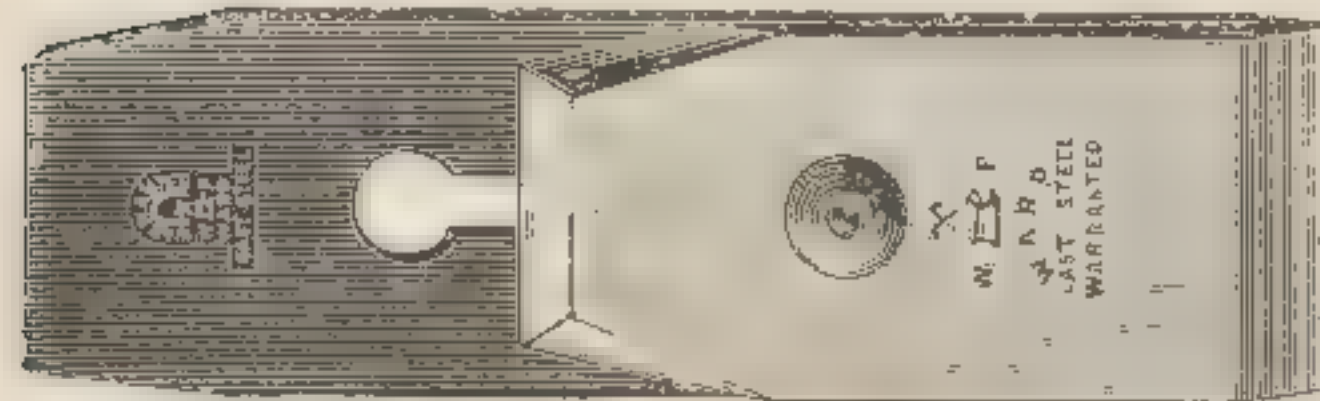


BROAD HATCHET.

Nos.
1, 2, 3, 4, 5, 6, 7, 8.
1½, 4½, 5, 5½, 6, 6½, 7, 7¾-inch blade.

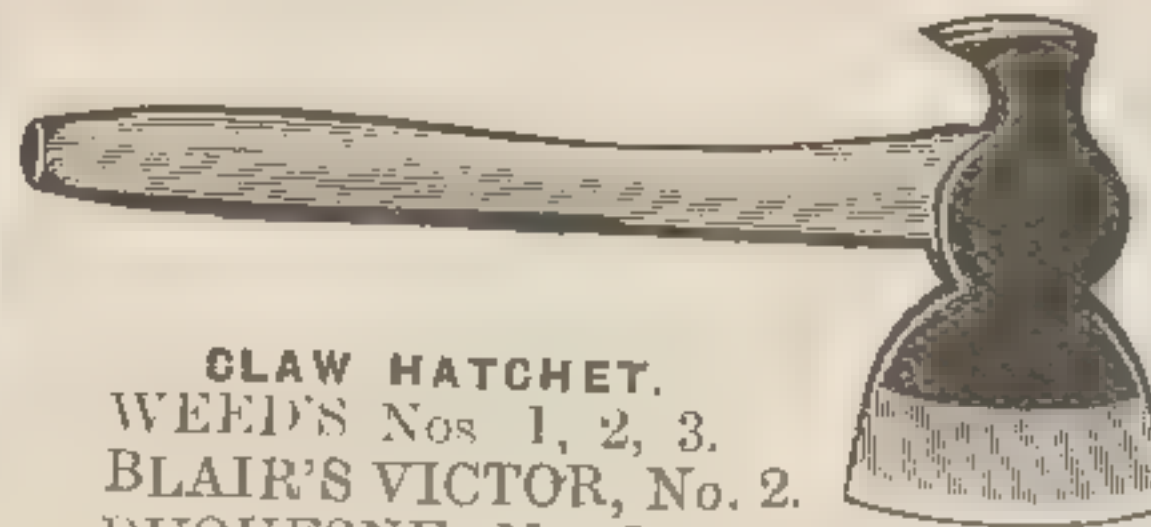


HUNTER'S HATCHET.
ISLANDER, Nos. 1, 2.
WEED'S Nos. 1, 2.
BLAIR'S VICTOR, Nos. 1, 2.
COLLIN'S, No. 2.

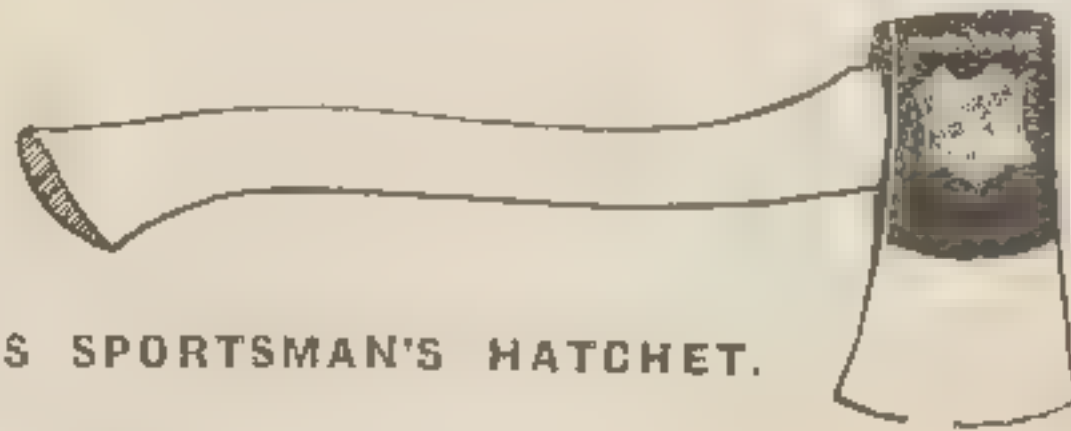


PLANE IRON.

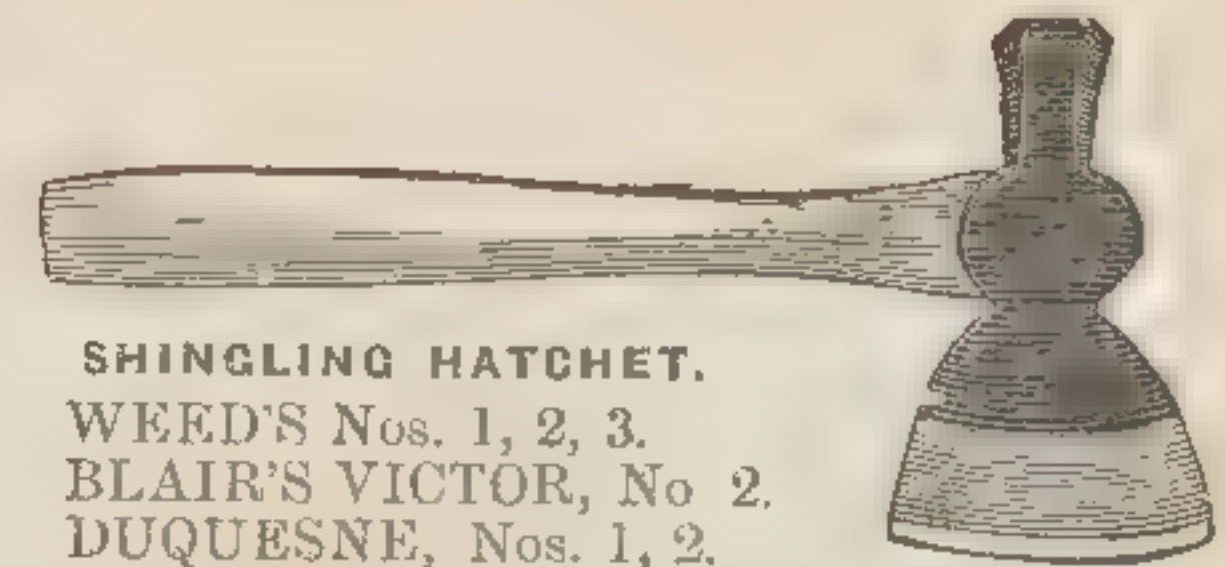
All sizes. Single and Double. Also for Plows, &c.



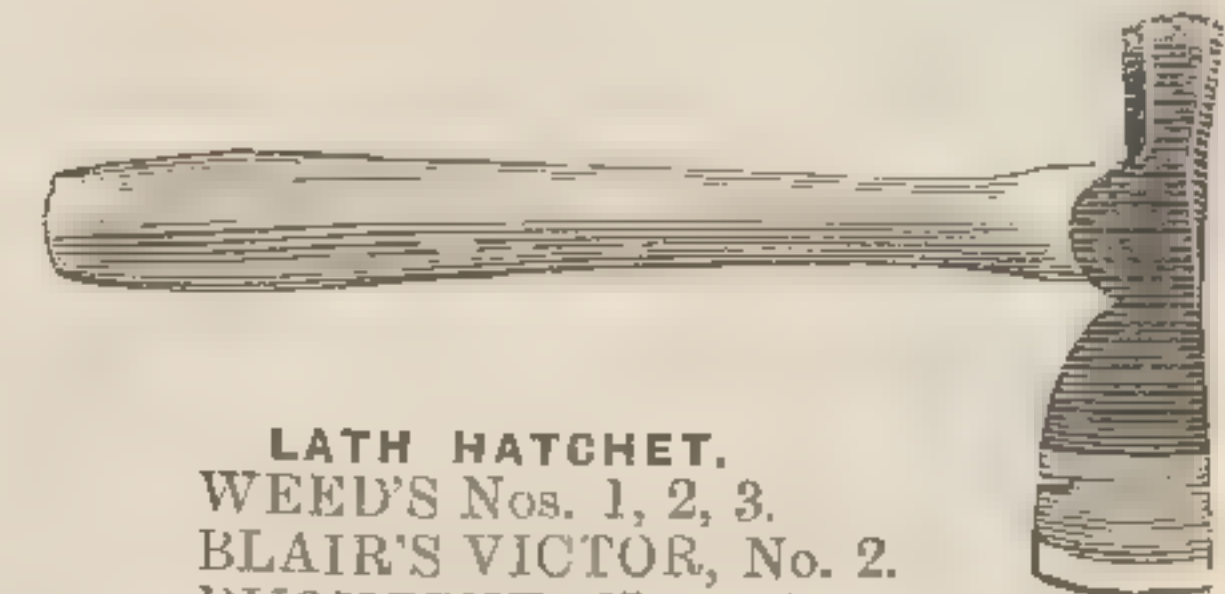
CLAW HATCHET.
WEED'S Nos. 1, 2, 3.
BLAIR'S VICTOR, No. 2.
DUQUESNE, No. 2.



HURD'S SPORTSMAN'S HATCHET.



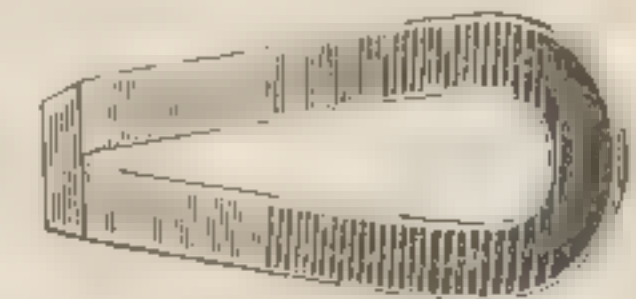
SHINGLING HATCHET.
WEED'S Nos. 1, 2, 3.
BLAIR'S VICTOR, No. 2.
DUQUESNE, Nos. 1, 2.



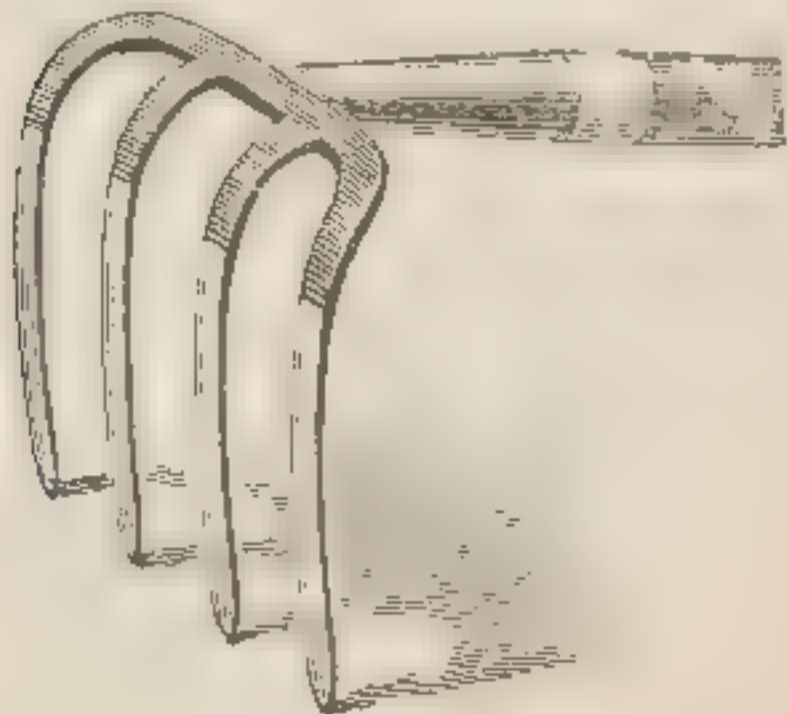
LATH HATCHET.
WEED'S Nos. 1, 2, 3.
BLAIR'S VICTOR, No. 2.
DUQUESNE, No. 1, 2.



SOLDERING IRON,
6, 8, 10, 12, 14, 16 ozs., 1½, 1½, 2, 3, 4 lbs.



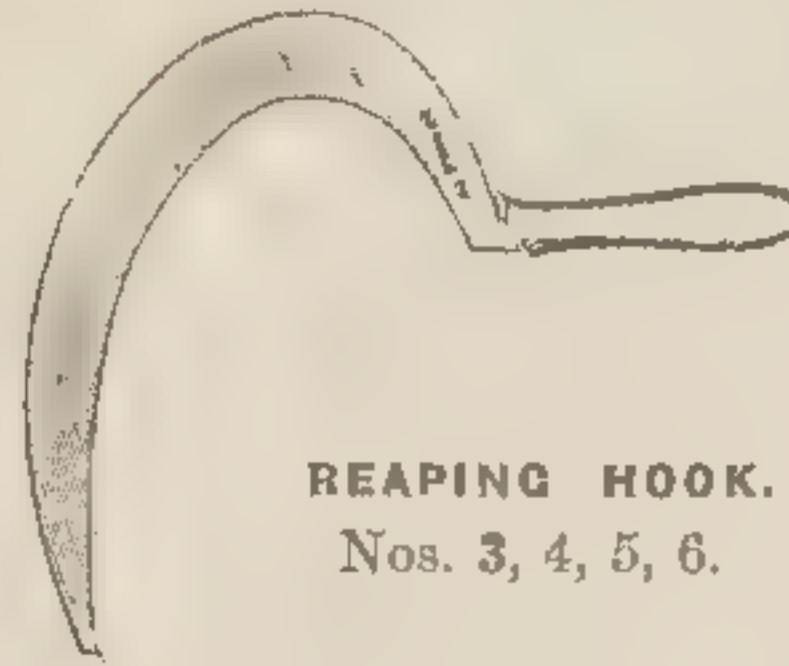
MAGNET,
3 to 8 inch.



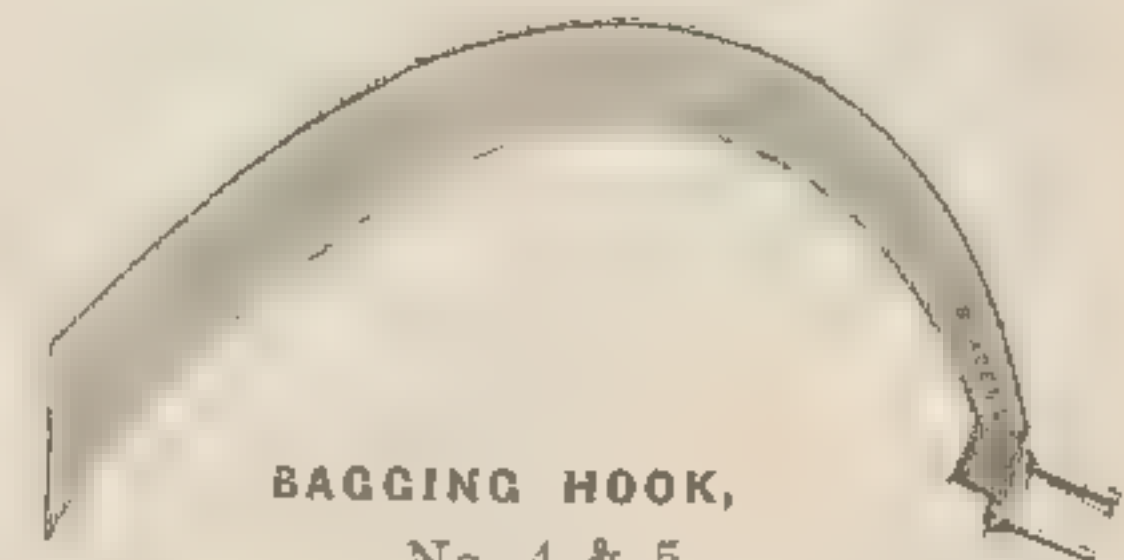
POTATO HOOK
Diamond, Round, Flat and
Oval Tine.



B. Y. SICKLE.
Nos. 3, 4, 5, 6.



REAPING HOOK.
Nos. 3, 4, 5, 6.



BAGGING HOOK,
No. 4 & 5.



No. 1.
BAG HOOK.



No. 2.
WOOL HOOK.



No. 3.
CARGO HOOK.



GOULBURN LINE PIN.



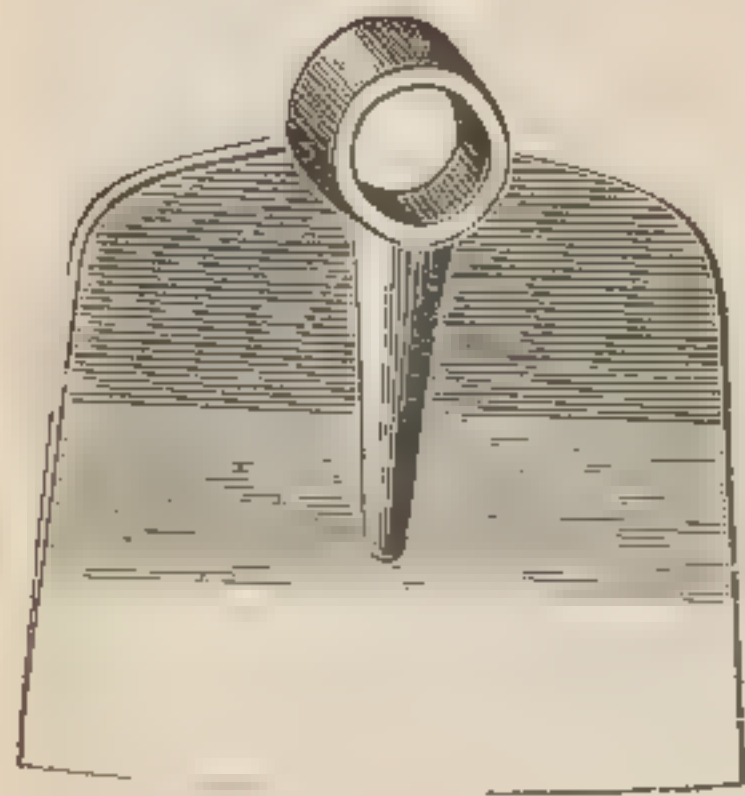
STEEL LINE PIN.



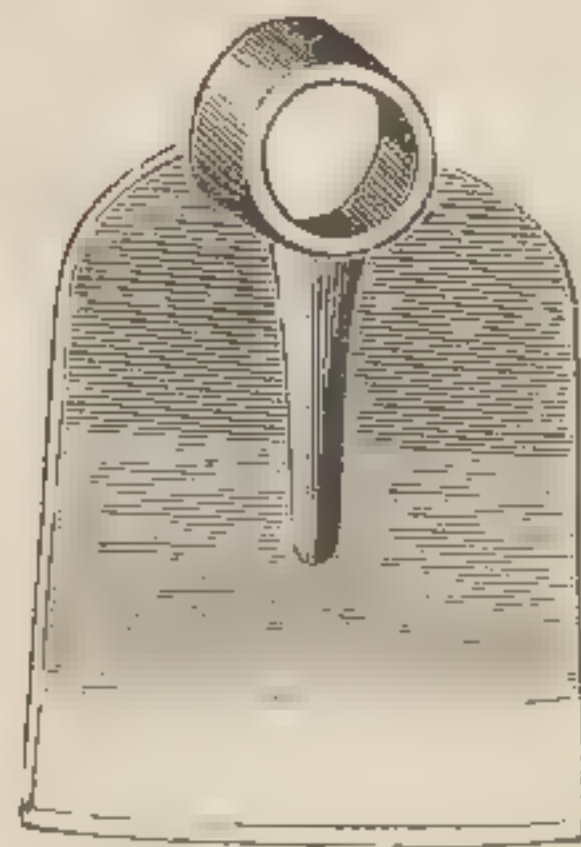
CHALK LINE REEL.

CHALK LINES.
Cotton and Worsted.
12, 16 yards.

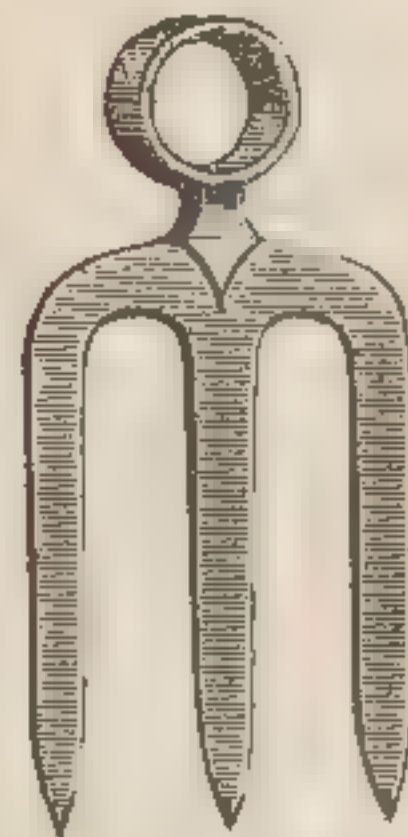
Hoes.



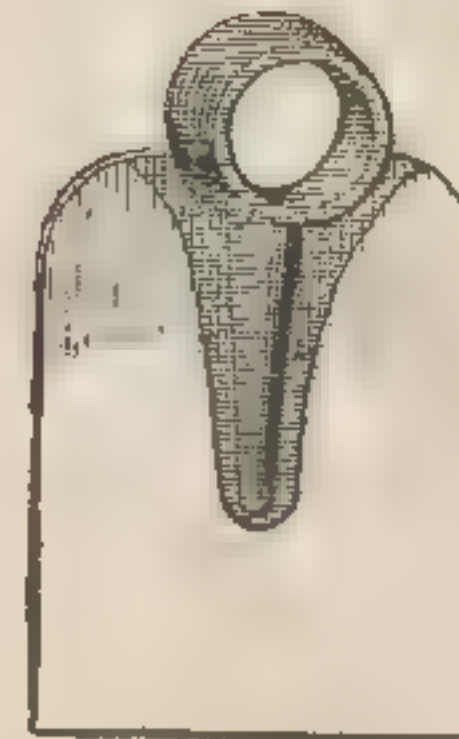
ELWELL'S CHIP HOES.
Nos. 000, 00, 0, 1, 2, 3, 4, 5.
Sizes 7, 7½, 8, 8½, 9, 9½, 10, 10½ in.



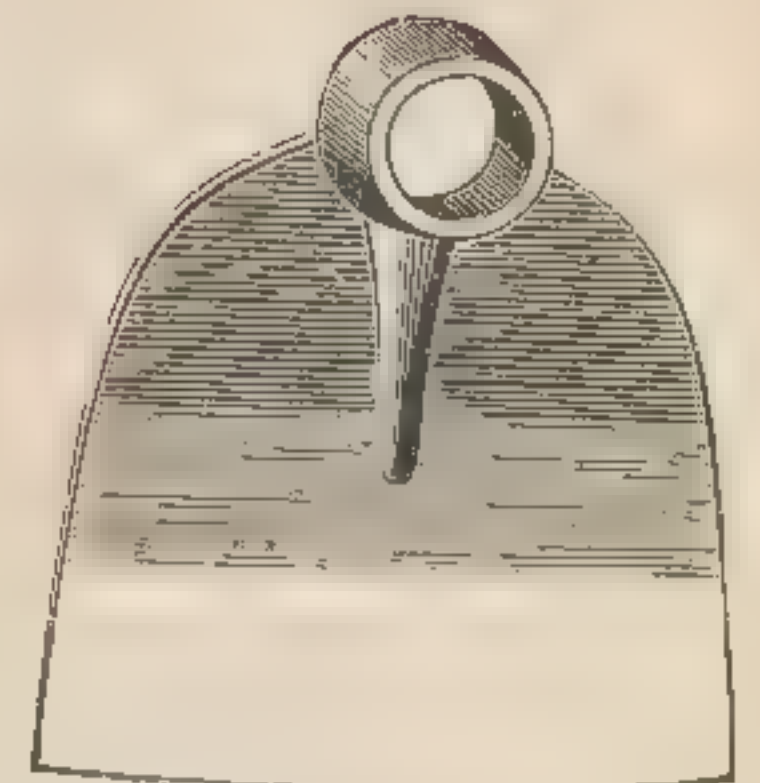
ELWELL'S BREAKING-UP HOE.
Nos. 000, 00, 0, 1, 2, 3.
Sizes 5, 5½, 6, 6½, 7, 7½ in.



ELWELL'S VINE HOE.
Square, Diamond and
Flat Back, 3, 4, Tine.



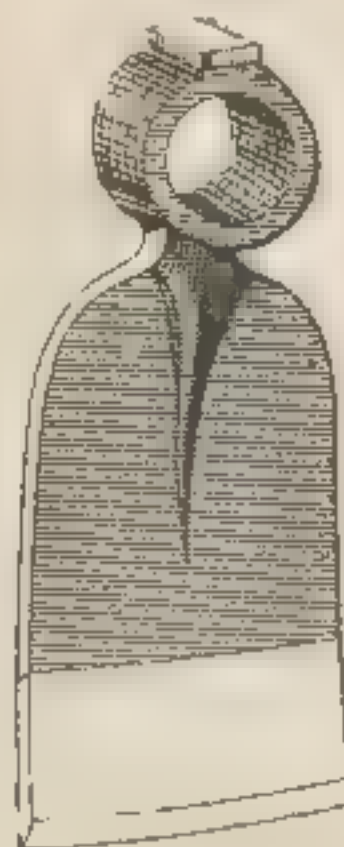
ELWELL'S BURR HOE.
7½ x 4, 8 x 4½, 8½ x 5,
8½ x 5½ in.
No. 1 6in. No. 2 6½ in.



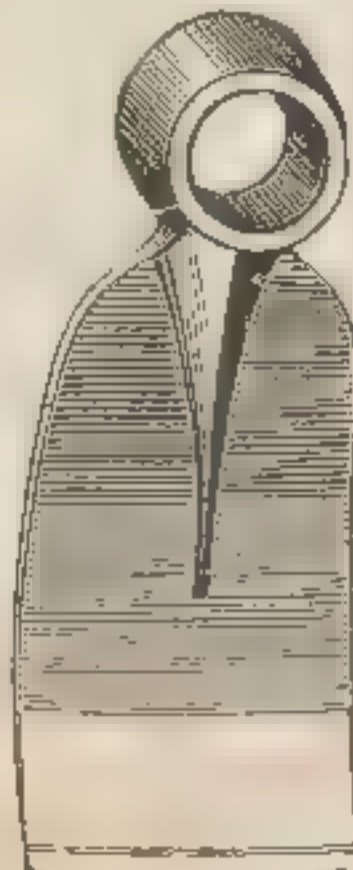
BEST STEEL CHIP HOE.
Wills', Elwell's.
Nos. 000, 00, 0, 1, 2, 3.
Sizes 6, 6½, 7, 7½, 8, 8½ in.



RABBITS' HOE.



POLED GRUB.
Nos. 0, 1, 2, 3, 4.
Size 4, 4½, 4¾, 4½, 5 in.



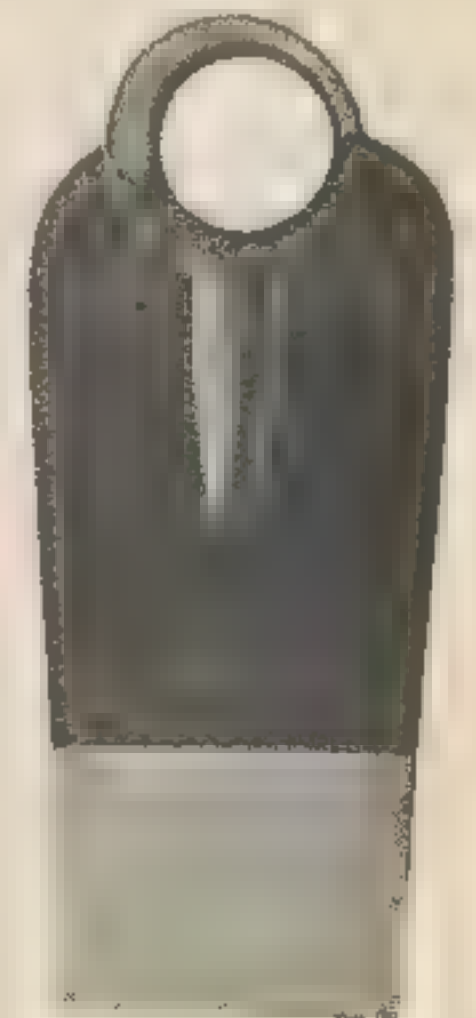
ELWELL'S GRUBBING HOE. Nos. 0, 1, 2, 3, 4.
Sizes 4, 4½, 4¾, 4½, 5 in.



HORSE BACK BURR HOE.
6 x 4 in.



WILL'S BAYONET HOE.
4½, 5, 5½, 6, 7 in



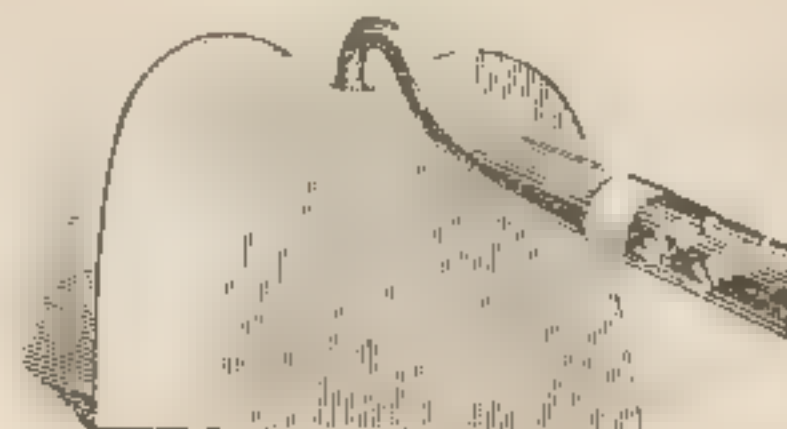
CORN PLANTERS' HOE.
2½ in, 3 in.



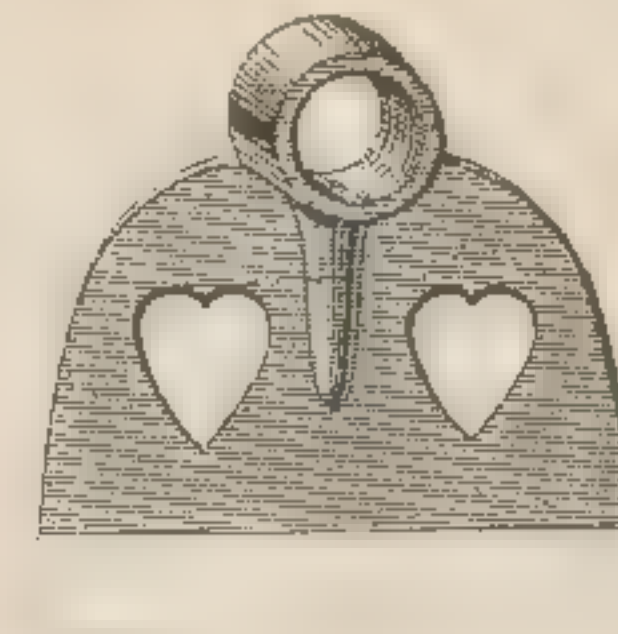
DUTCH HOE.
4 to 12 inch.



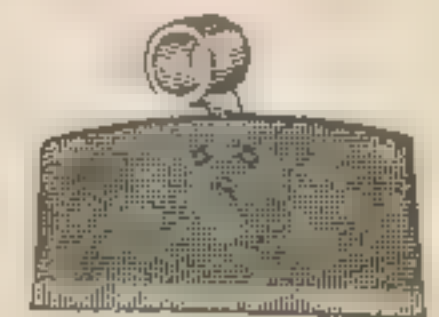
**STEEL HANDLED HOE AND
RAKE COMBINED.**



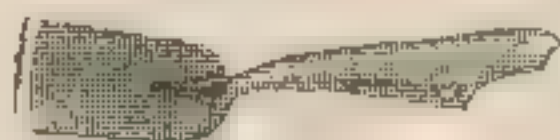
H.L.D. TUTTLE HOE,
5, 6, 7, 8 in.



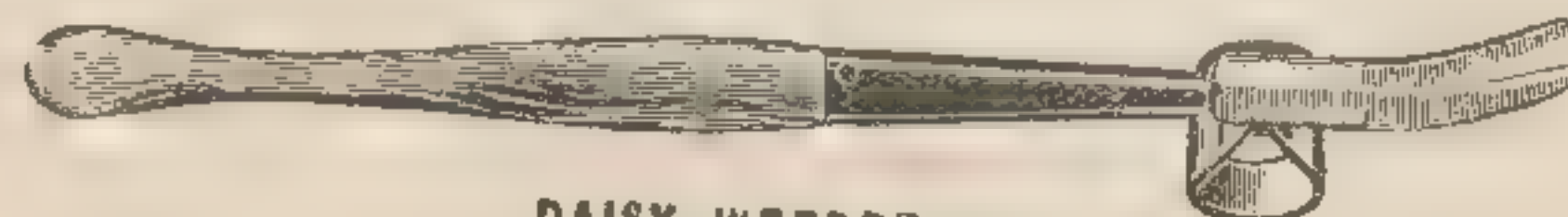
LARRY HOE.



GARDEN HOE.
Short Neck, 3 to 8 in



SPUD, 2, 2½, 2½ in.

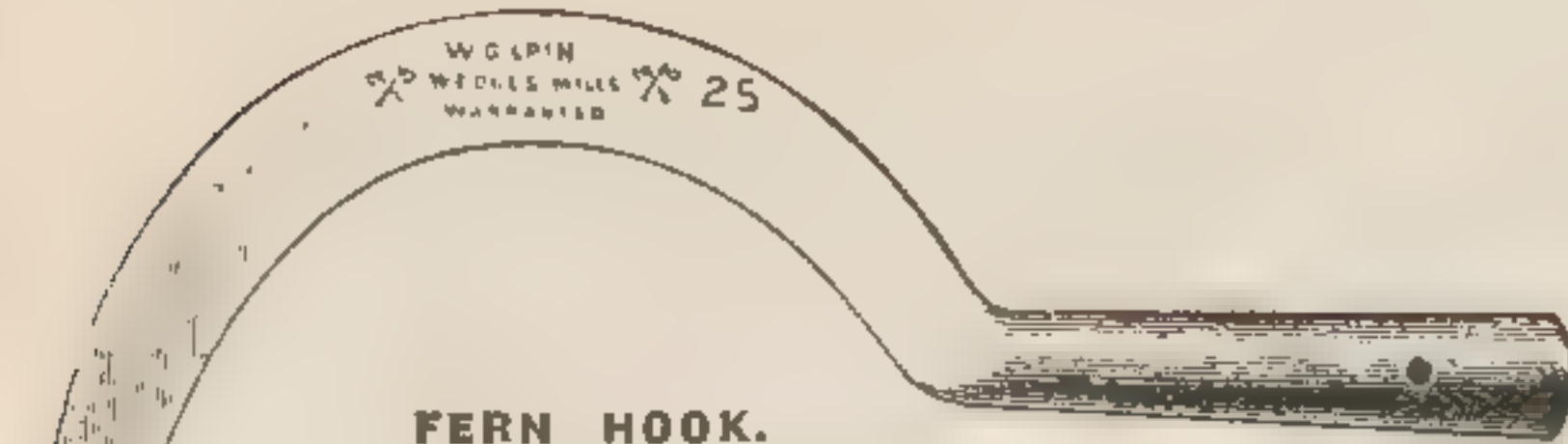


DAISY WEEDER

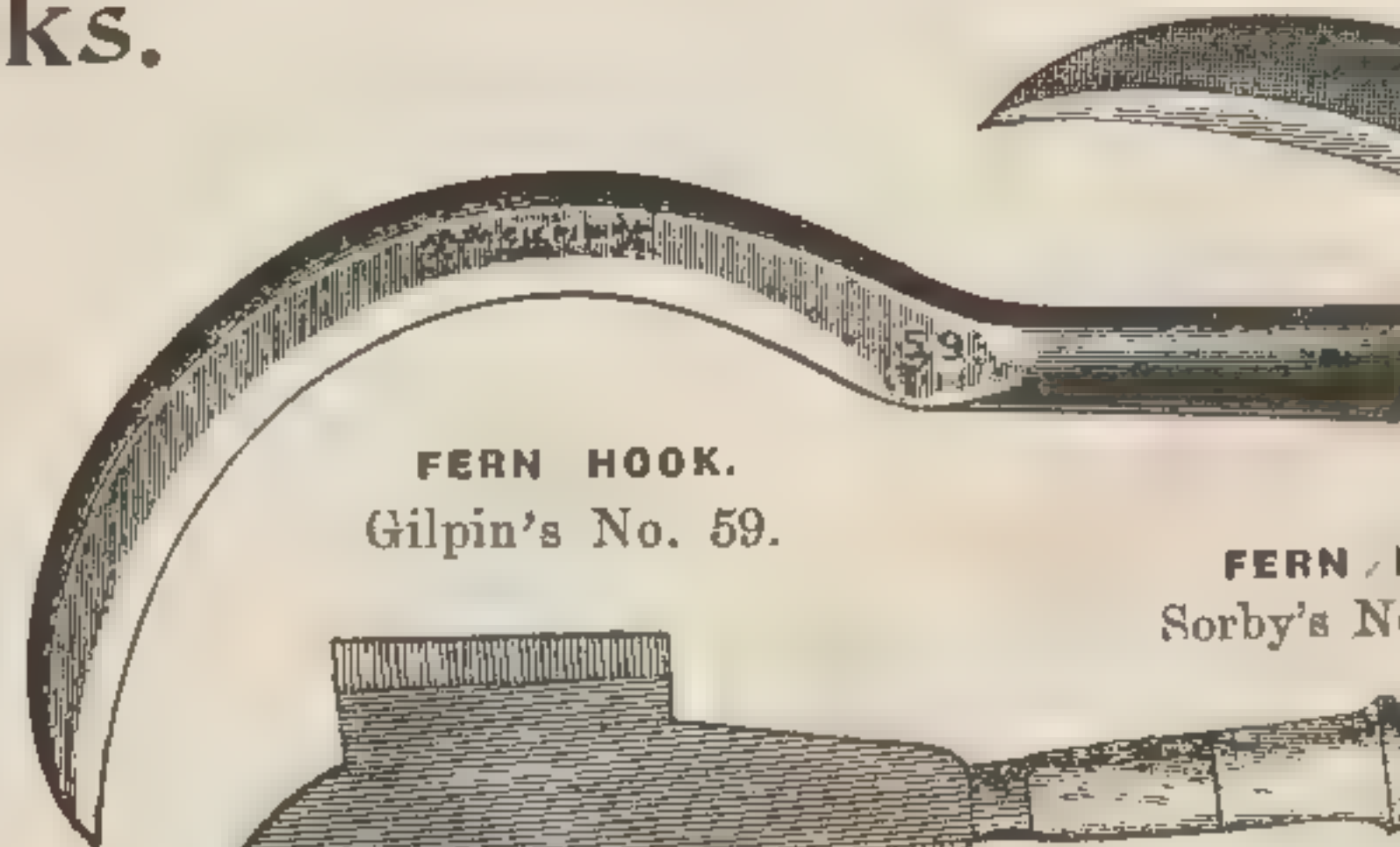


WEEDER.

Hooks.



FERN HOOK.
Gilpin's No. 25-5.

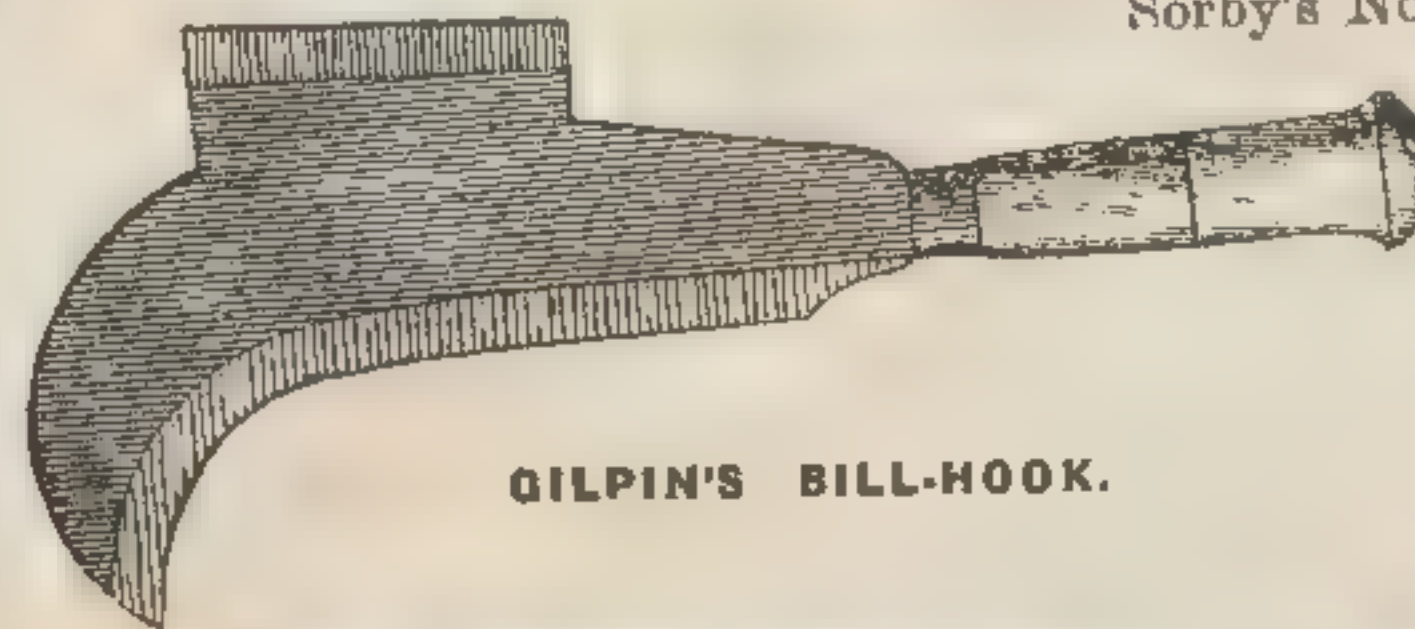


FERN HOOK.
Gilpin's No. 59.

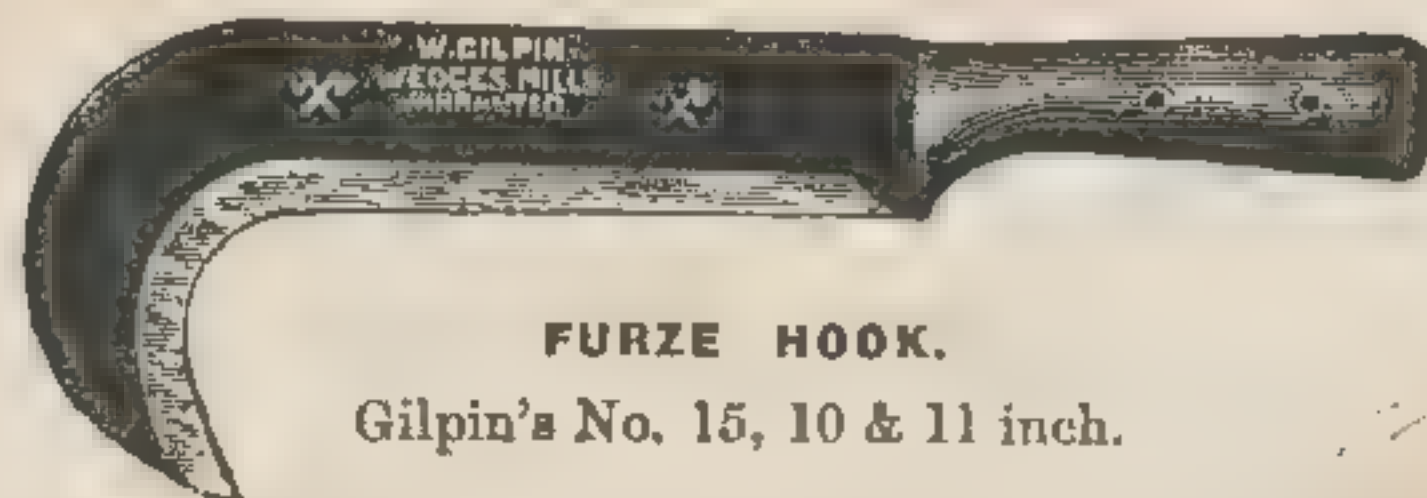
FERN HOOK.
Sorby's No. 502-2.



BRADY'S GIPPSLAND FERN HOOK.



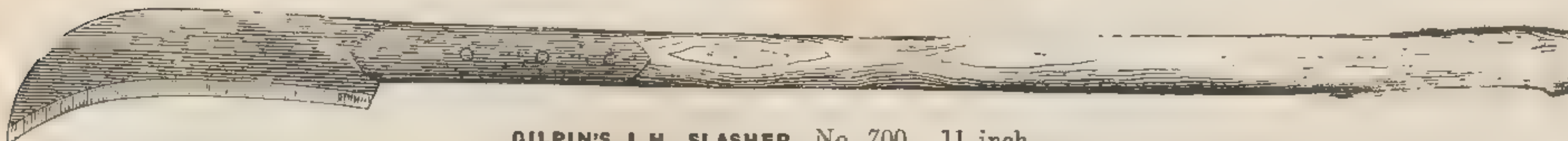
GILPIN'S BILL-HOOK.



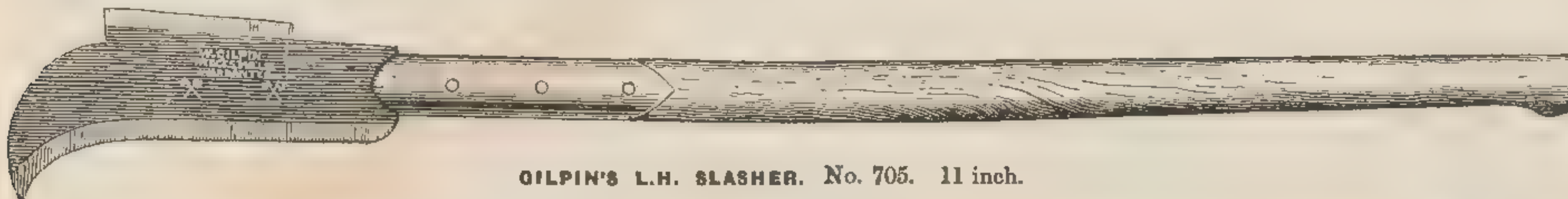
FURZE HOOK.
Gilpin's No. 15, 10 & 11 inch.



FURZE HOOK
Gilpin's No. 820, 10, 11, 12 inch.

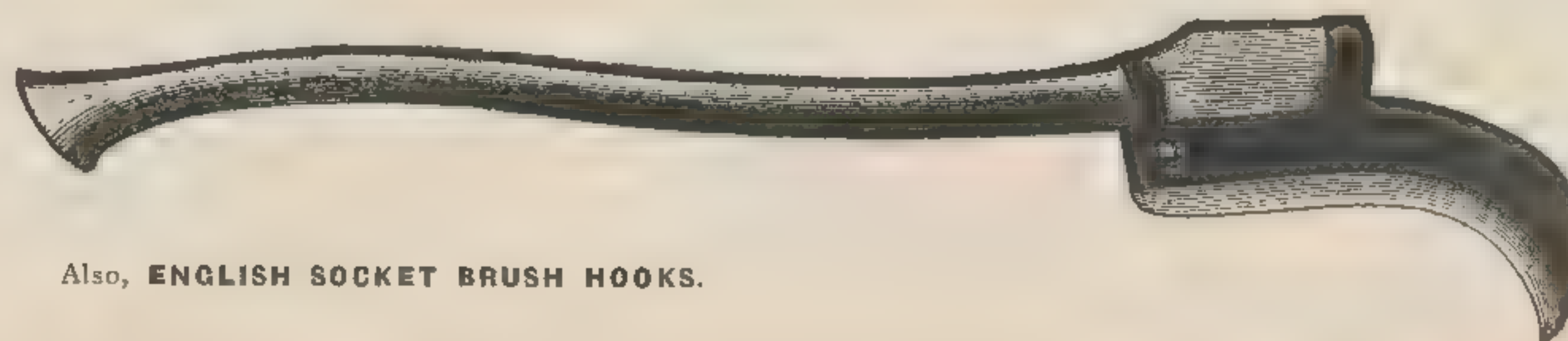


GILPIN'S L.H. SLASHER. No. 700. 11 inch.



GILPIN'S L.H. SLASHER. No. 705. 11 inch.

HANDLED AM. BRUSH HOOK.
Plumb's } 4, 4½, 5 lbs.
Hurd's }



Also, **ENGLISH SOCKET BRUSH HOOKS.**



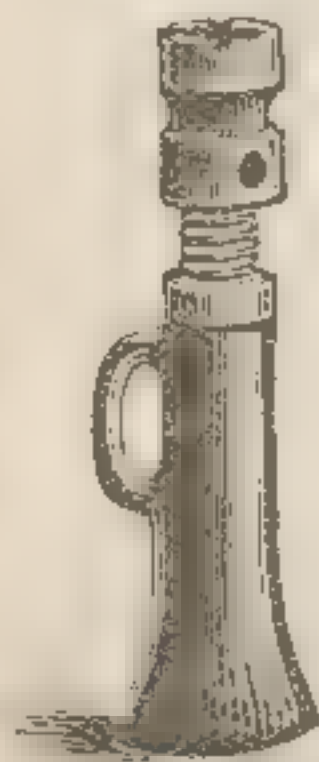
WITH SHORT SPEAR JACK AND HANDLE
IN POSITION. WITHOUT SPEAR.
TREWHELLA MONKEY JACK, 10 tons.



TIMBER JACK.
Single & Double
Purchase,
2, 3, 4 tons.



CAPE WAGGON JACK.
2, 3, 4, 5, 6, 8 tons.



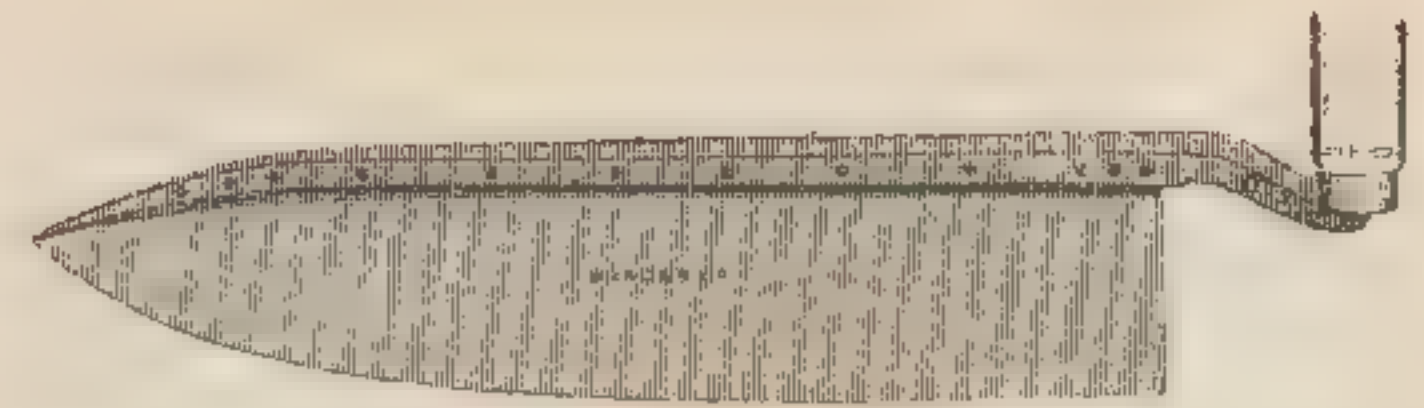
BOTTLE JACK.
2, 3, 4, 5, 6, 8 tons.



DOUBLE PURCHASE
TREWHELLA WALLABY
JACK.
Single purchase, 2 1/2 tons
Double, ditto, 4 tons
Double Special 6 tons



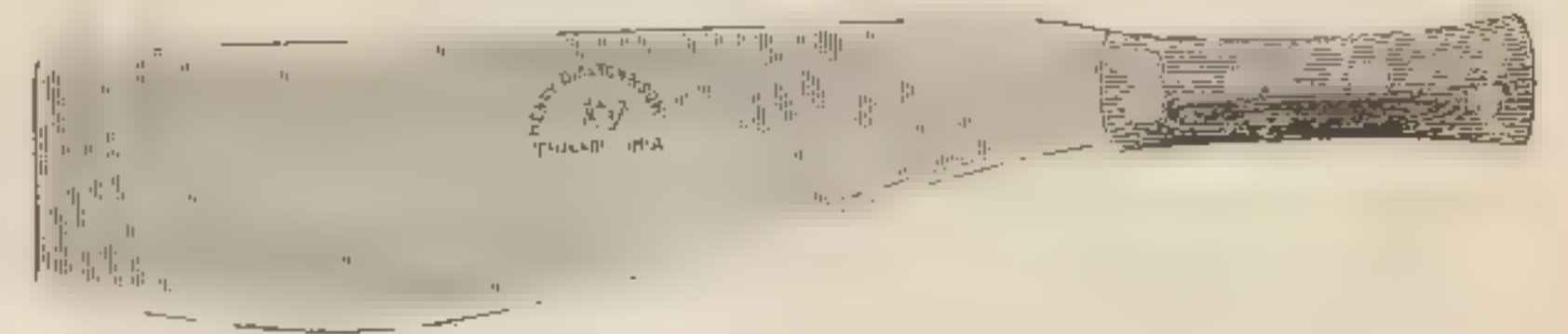
BRAD'S LIGHTNING HAY KNIFE.
37
31
BLOOD'S



TYSACK'S PATENT HAY KNIFE, 22, 24, 26, 28, 30in.



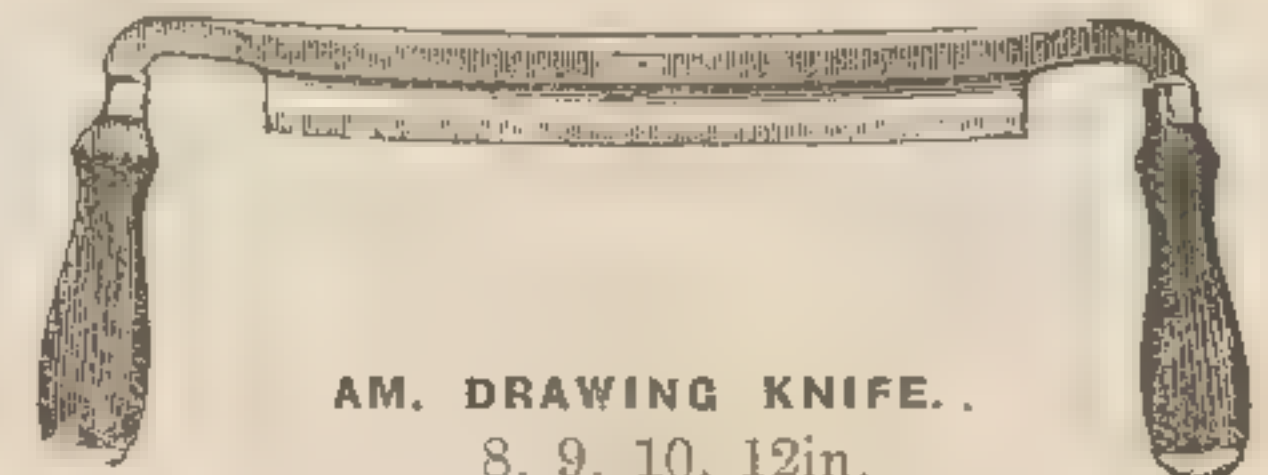
TAMWORTH HAY KNIFE, 24 inch.



CANE KNIFE. Fiji Pattern.

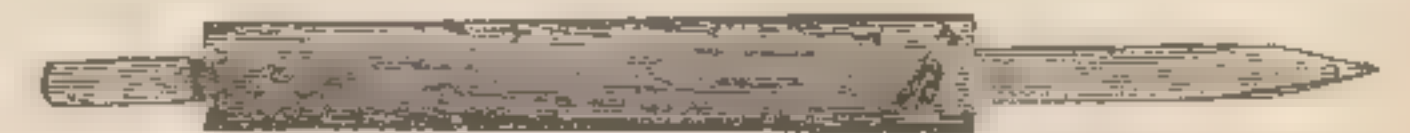


CANE KNIFE.
Louisiana Pattern.



AM. DRAWING KNIFE.
8, 9, 10, 12in.

Also COOPER'S DRAWING KNIVES.



MOUNT CUTTER KNIFE.



EDGING KNIFE.

Jacks and Knives.

Levels.



STANLEY'S AND DISSTON'S PLUMB AND LEVEL.—Nos. 00 0 1 5 30 104 and Higher Grades.
18 to 24 24 to 30 24 to 30 12 to 18 24 to 30 42 to 18 inches.



STANLEY AND DISSTON'S PLATED ENDS PLUMB AND LEVEL—No. 3. 24 to 30 inches, and higher grades stocked.



RABONE'S PLUMB AND LEVEL,
with Field Sight, No. 1352 x 12in.



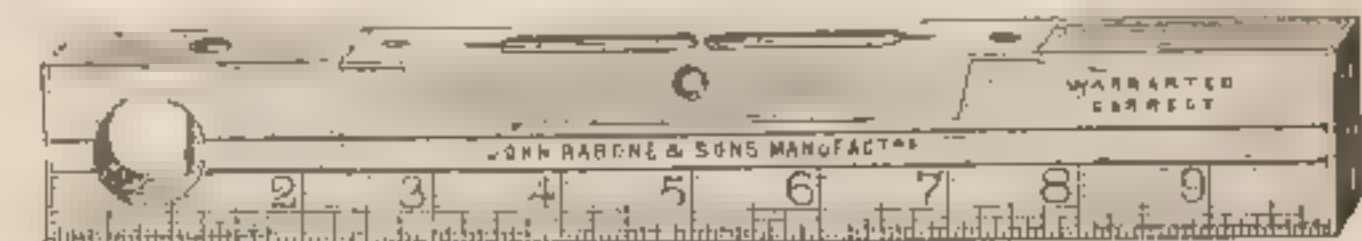
DISSTON'S PLUMB AND LEVEL. No. 24. 24 to 30 inch. Adjustable, with 3 glasses.



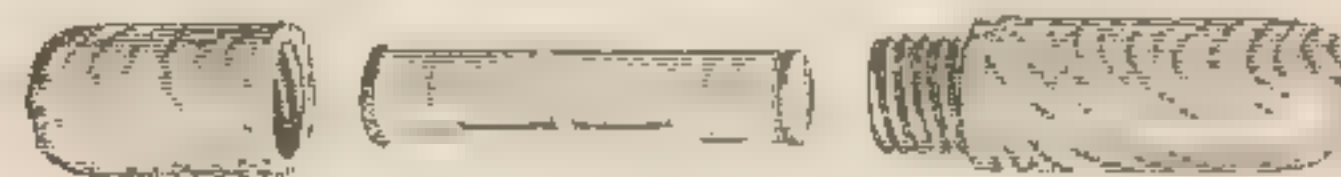
RABONE'S PLUMB AND LEVEL,
Field Sight and Graduated
Screw Slide, No. 1373, 12in.



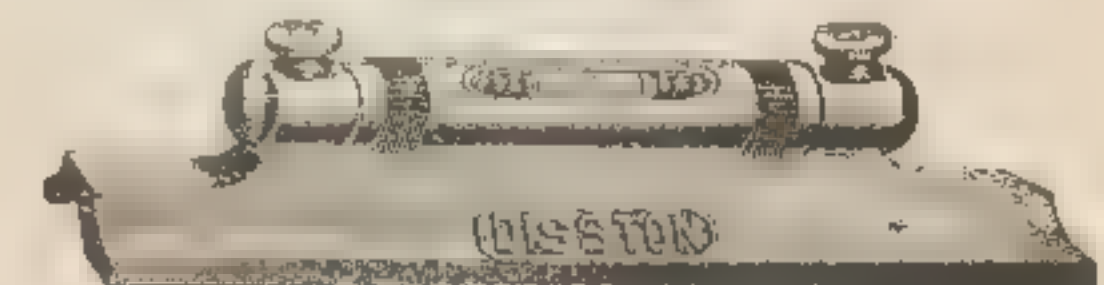
MACHINISTS' LEVEL, to attach to rule, 3 1/2 in.



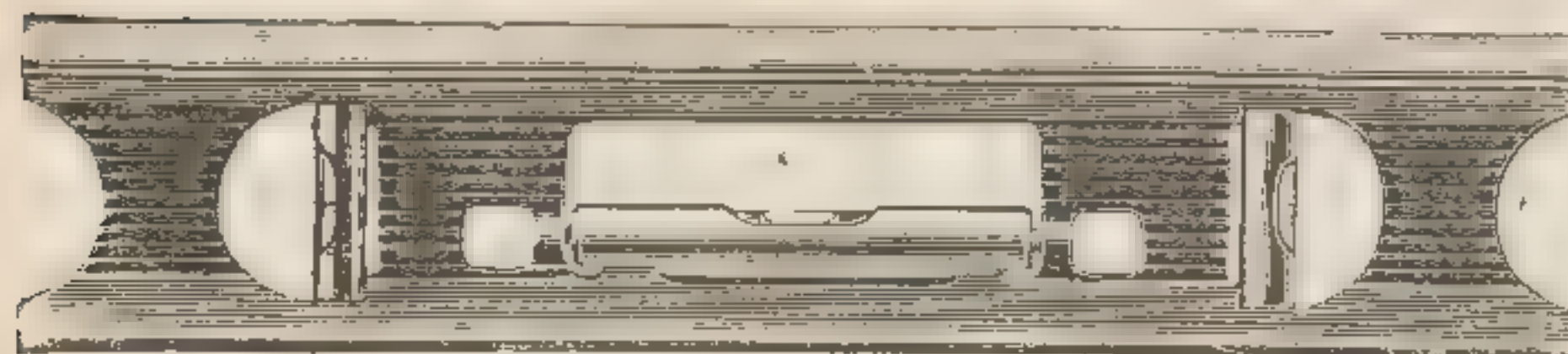
RABONE'S PLUMB AND LEVEL,
with Rule, No. 1371, 6in. and 12in.



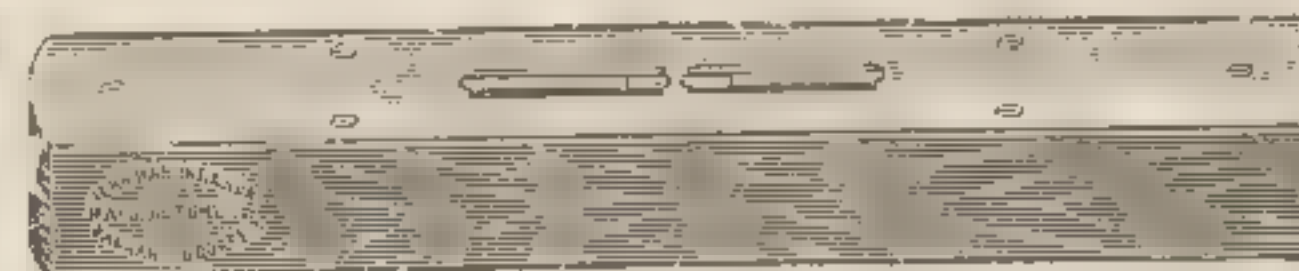
RABONE'S BRASS POCKET LEVEL, in Case, 2 1/2, 4in.



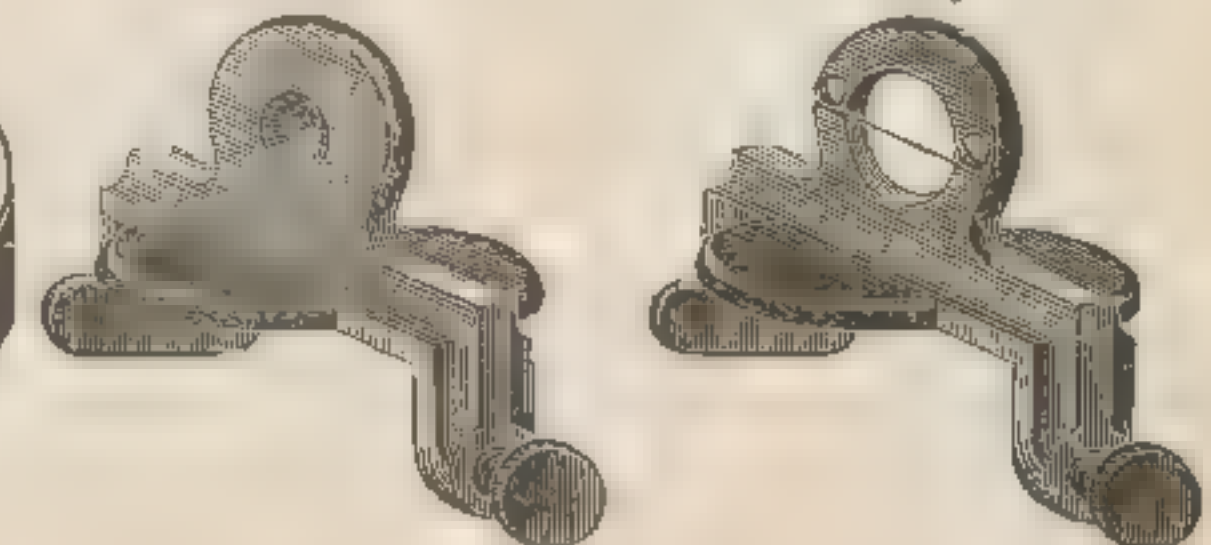
DISSTON'S SHAFTING LEVEL, 6in.



STANLEY'S METALLIC LEVEL, No. 36,
Nickel plated Trimmings, 6, 9, 12in.



RABONE'S SPIRIT LEVEL
only, No. 1621; 6, 8, 10, 12in.
SPIRIT LEVEL TUBES, 1 to 4in.



STANLEY'S IMPROVED LEVEL SIGHTS.

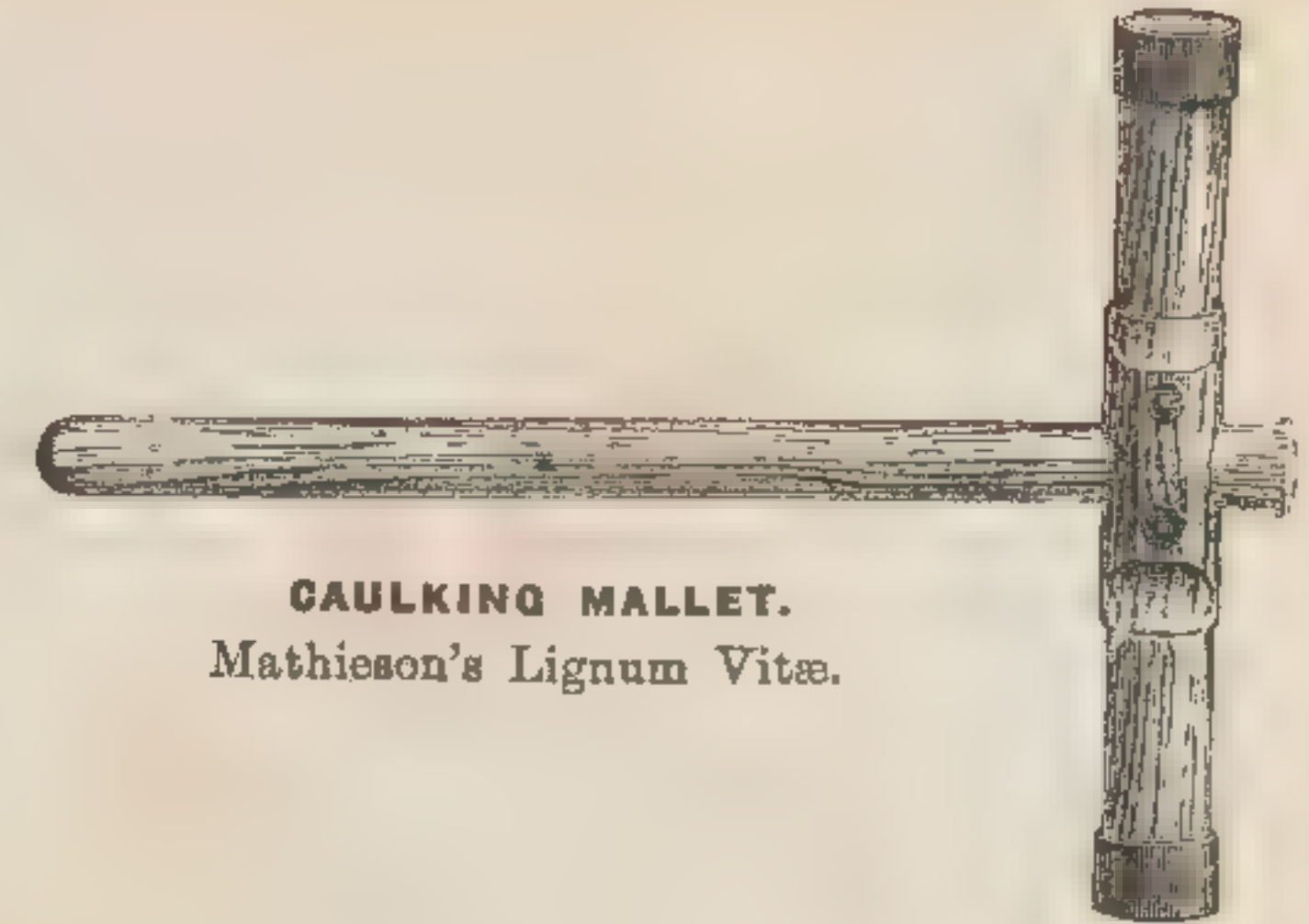
Mallets, Etc.



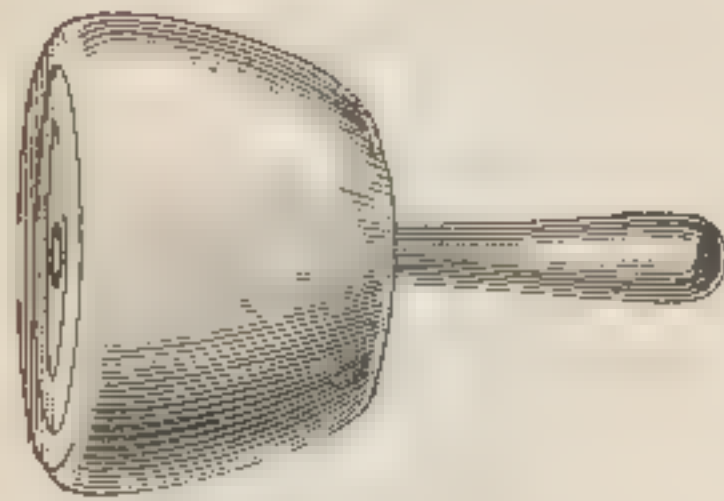
ROUND IRON-BOUND MALLET.
Hickory, 3½, 4 inch.
,, very heavy 3 inch.



CARPENTER'S MALLET.
American Hickory, 6, 6½, 7 inch.
,, Lignum Vitæ, 6½ inch.



CAULKING MALLET.
Mathieson's Lignum Vitæ.



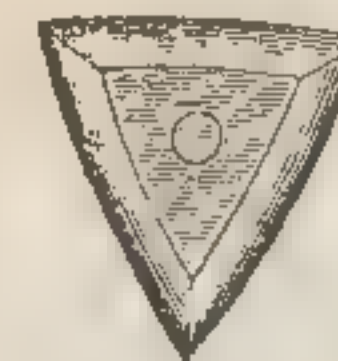
MASON'S MALLET.



TINSMITH'S MALLET.
2½, 2¾, 2¾, 3 inch.



BOSSING MALLET.
Assorted Sizes.



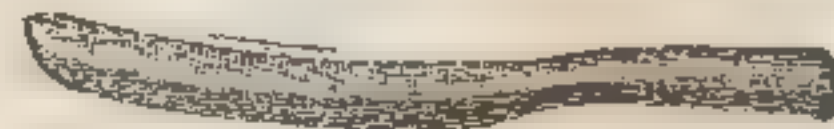
TRIANGLE SHAVE HOOK.



HEART SHAVE HOOK.



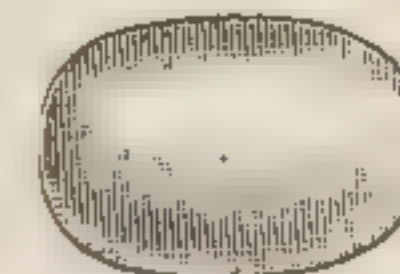
BOSSING STICK.



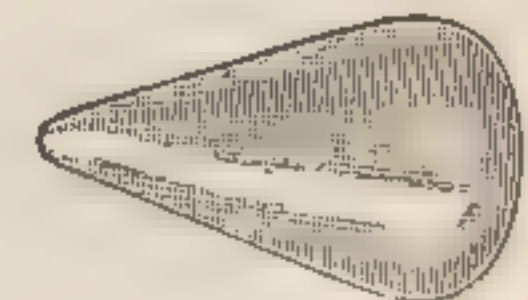
BENDING STICK.



PLUMBERS' DRESSER.
Nos. 1, 2, 3.



BOBBIN.
1 to 3 inch.



TURN PIN.
1 to 3 inch.



CHASE WEDGE.



LEAD LADLE.
3, 3½, 4, 4½, 5, 6, 7, 8 inch.



PITCH LADLE.
3 to 6 inch.



AMERICAN PATTERN MATTOCK.
WEEDS', GILPIN'S, IRON CITY. Long and Short
Cutters.
English "ANCHOR" Brand. Long and Short



IRON CITY PICK MATTOCK.



Skelton's Long and Short Cutter Mattocks,
3½, 4, 4½, 5 lbs.
Skelton's ditto, cheaper quality, 3½, 4, 4½, 5 lbs.
Elwell's Long and Short Cutter Mattocks,
3½, 4, 4½, 5 lbs.



ENGLISH PATTERN MATTOCK.
GILPIN'S No. 368.



ENGLISH SOLID EYE ROAD PICK.
4½ to 6, 6½, 7 lbs.
Universal do., Solid Eye, 6 and 7 lbs.

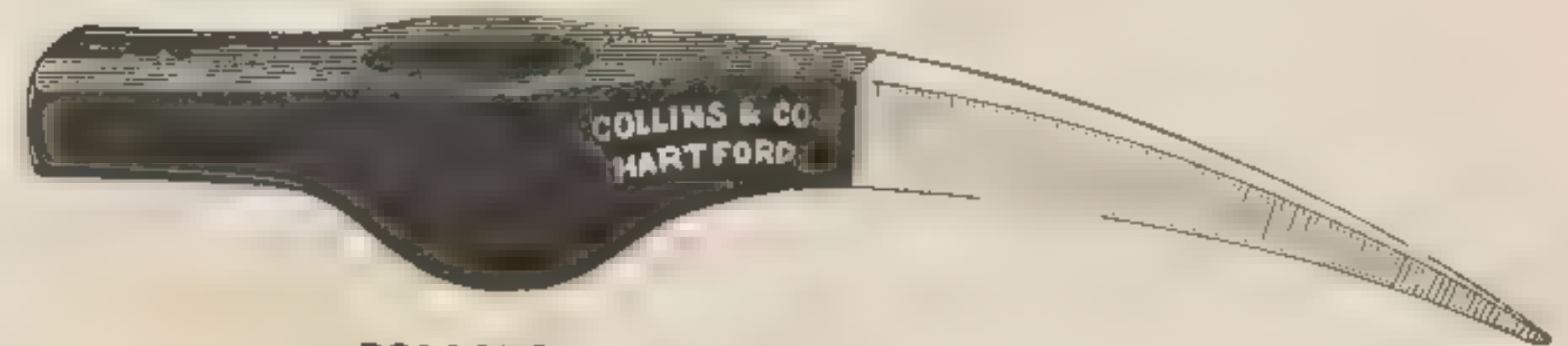
Mattocks and Picks.



BALLARAT PATTERN PICK.
Brade's, 3, 3½, 4, 4½, 5 lbs.



COLLINS' DOUBLE END CALIFORNIAN PATTERN PICK.
3½ lb. to 4½, 4 to 5, 4½ to 6, 6, 7 lbs.

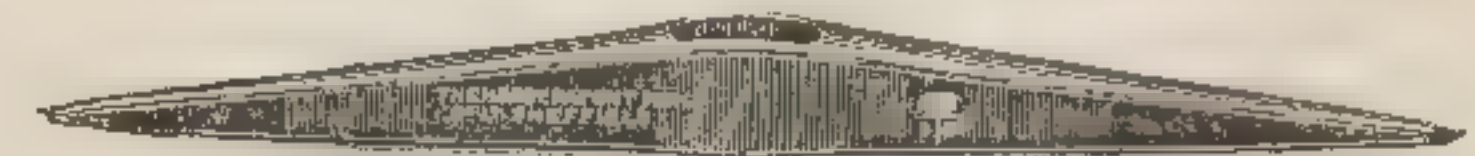


COLLINS' HAMMER HEAD PICK.
3½ to 4½, 4½ to 5½, 4½ to 6 lbs.



UNIVERSAL QUARRY PICK.
6 and 7 lbs.

For ordinary Quarry Pick Handle,
and also for No. 1 Shod do.

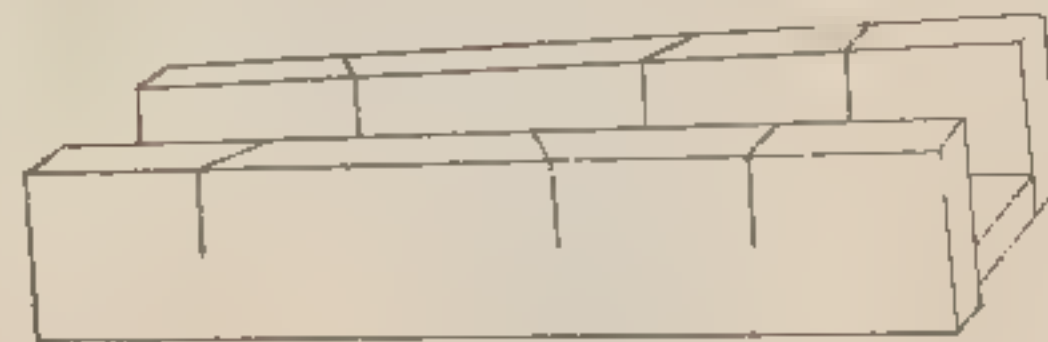
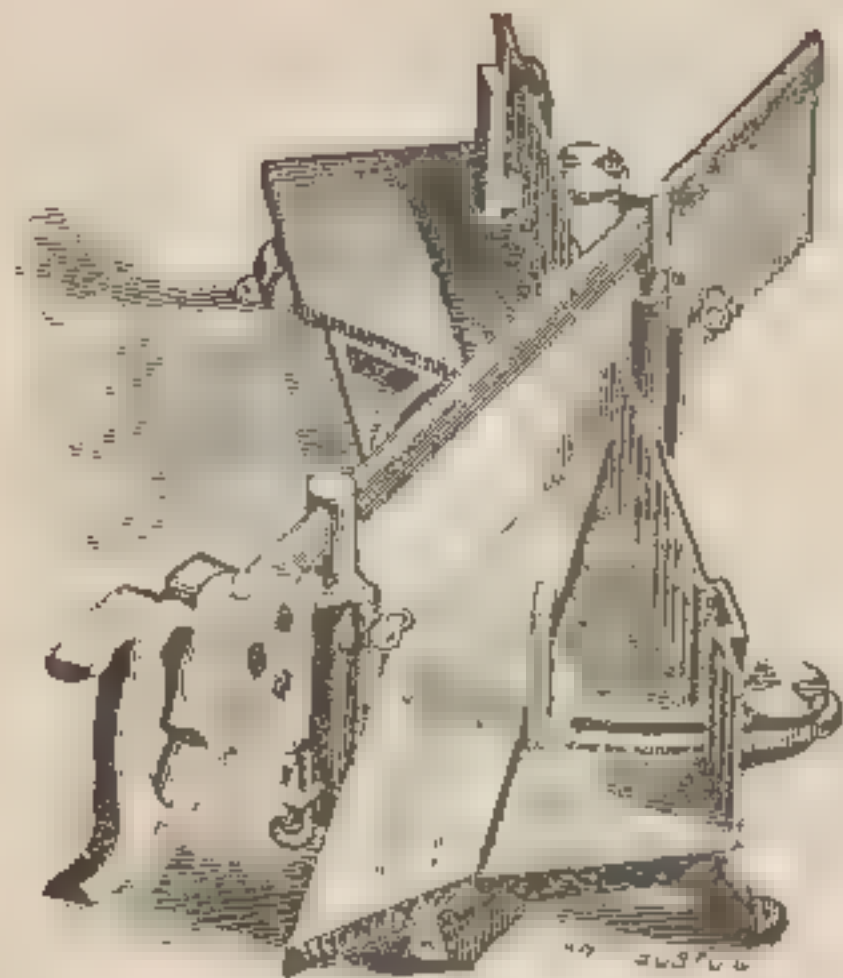


UNIVERSAL QUARRY PICK.
6 and 7 lbs.

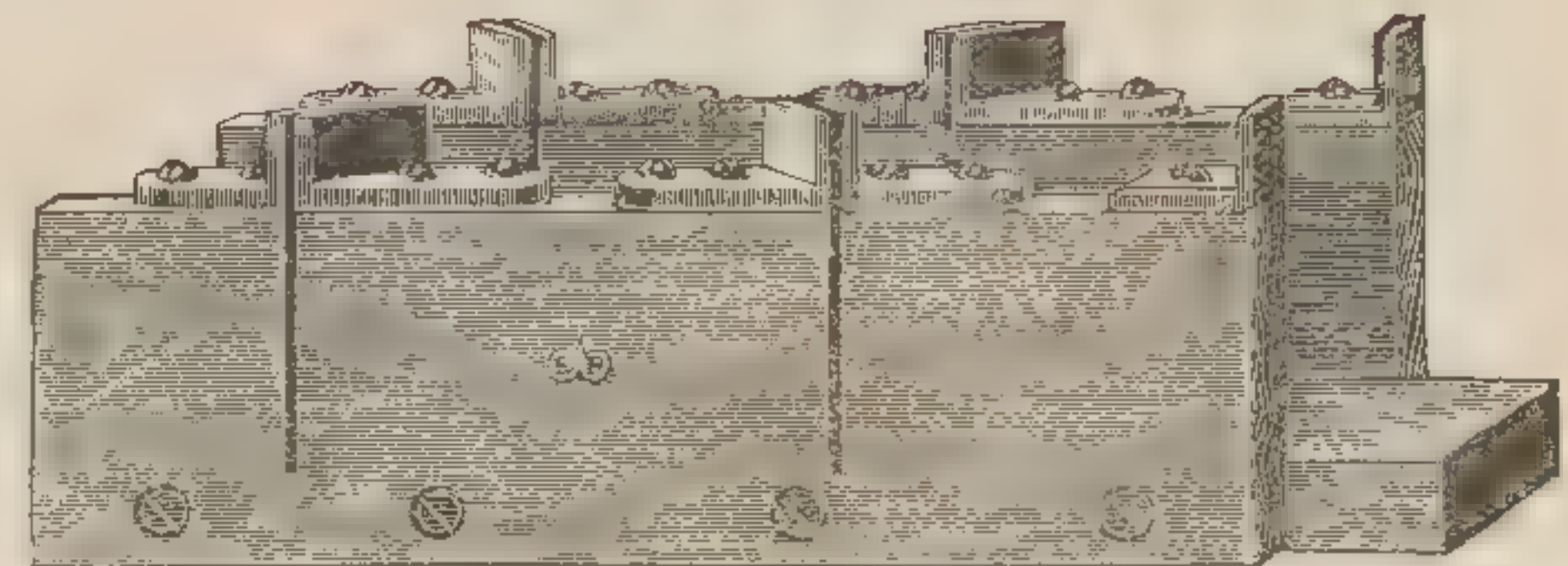


UNIVERSAL COAL PICK.
2, 2½, 2½, 3, 3½, 4, 4½, 5, 5 lbs
Also, Universal Road Picks, for No. 2 Shod Handle,
6, 7 lbs.

Mitre Boxes, &c.



PLAIN WOOD.
No. 1 x 12 inch. No. 2 x 18 inch.



OLMSTED'S. No. 1 and 2.

IMPROVED NEW LANGDON ADJUSTABLE MITRE BOX, WITH SAW.

Size 1, No. 29. Size 2, No. 32.
Size of saw, 24x4in. Size of saw, 24x4in.
Size 1 is 6 in. wide at right angles, 4 inches at mitre. Size 2 is 9 1/2 in. wide at right angles, 6 1/2 in. at mitre.

NEW LANGDON ADJUSTABLE MITRE BOX, WITH SAW.

Size 1, Nos. 17 18 19
Size of saw 18x4 20x4 20x4 in.
Size 2 Nos. 22 23
Size of saw, 20x4 22x4 in.



COMBINATION

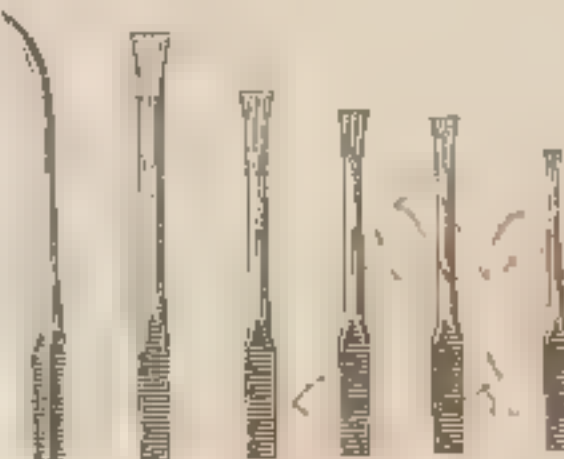


Box and Beechwood



PRICKER PAD.

8, 10, 12, 15 tools.



English and American.



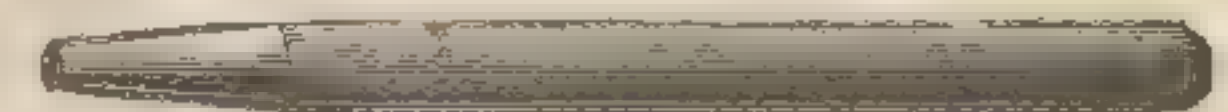
WITH RULE.
STANLEY'S ODD JOBS,
Ten Tools in one, viz.—

Try Square
Mitre Square
T. „
Marking Gauge
Mortice „
Depth „

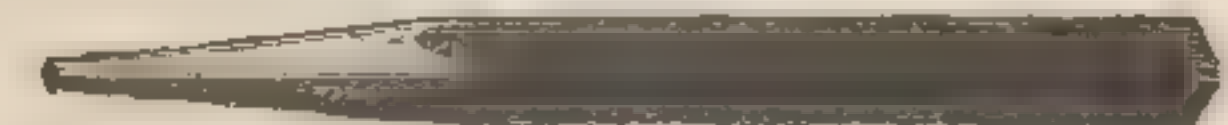
Spirit Level and Plumb
Scratch Awl Compass Sets, 1/8, 3/16, 1/4, 5/16, 3/8, 1/2
Inside square for making boxes etc.



SAIL EYELET PUNCH AND DIE.



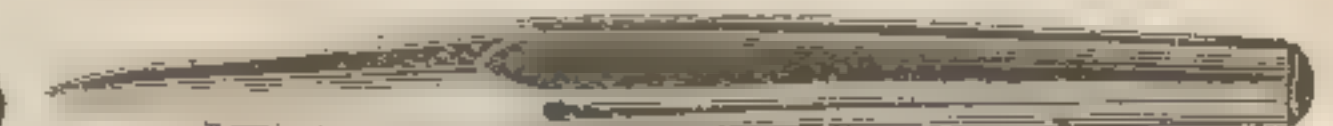
BRAD PUNCH, No. 1.



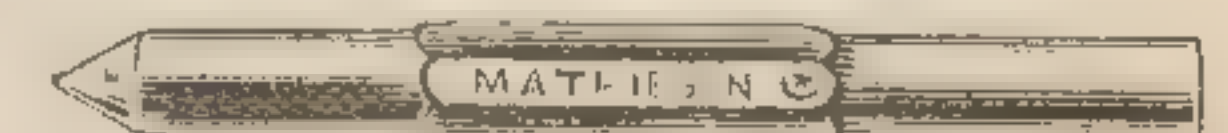
BRAD PUNCH, No. 2.



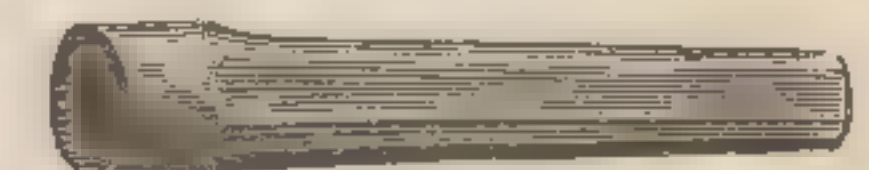
BRAD PUNCH, No. 3.



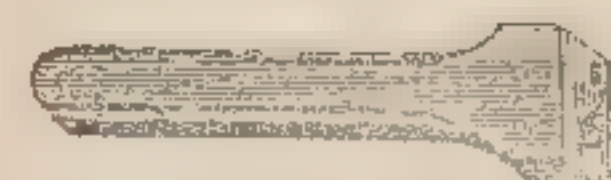
GALVANIZED IRON PUNCH.



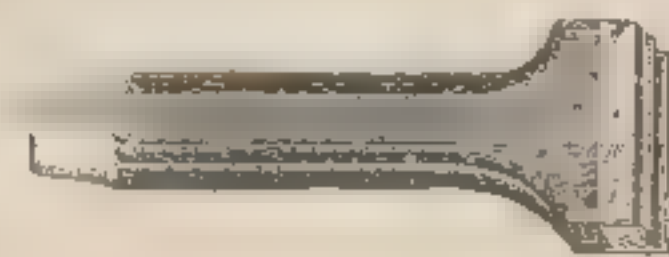
MATHIESON'S CENTRE PUNCH.



TINSMITH'S HOLLOW PUNCH.
1/8, 1/4, 5/8, 3/4, 1, 1 1/4.



RIVET SET,
1/8, 3-16, 1/4, 5-16, 3/8 in.



TINSMITH'S HAND GROOVER.
1/8, 3-16, 1/4, 5-16, 3/8.



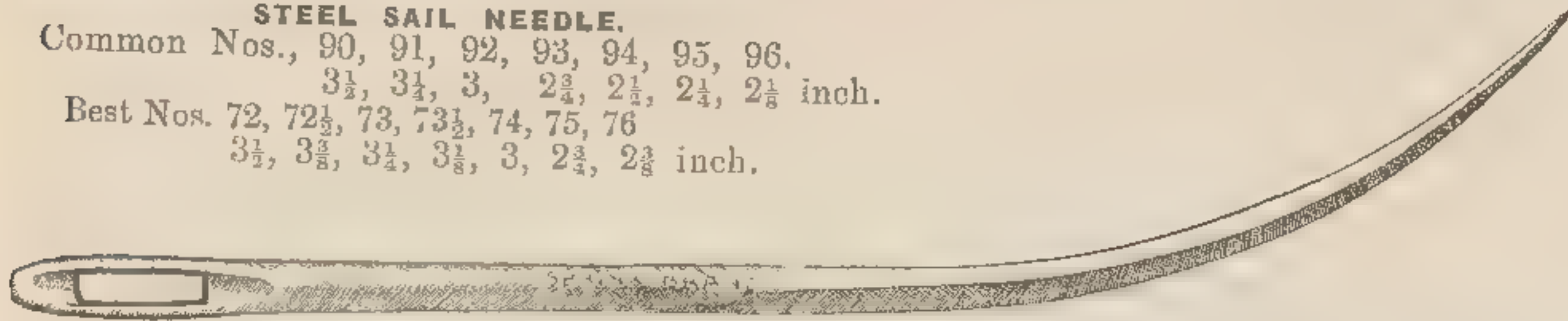
FIGURE PUNCHES.

Letter Punches,
Sets, 1/8, 3/16, 1/4, 5/16, 3/8, 1/2.

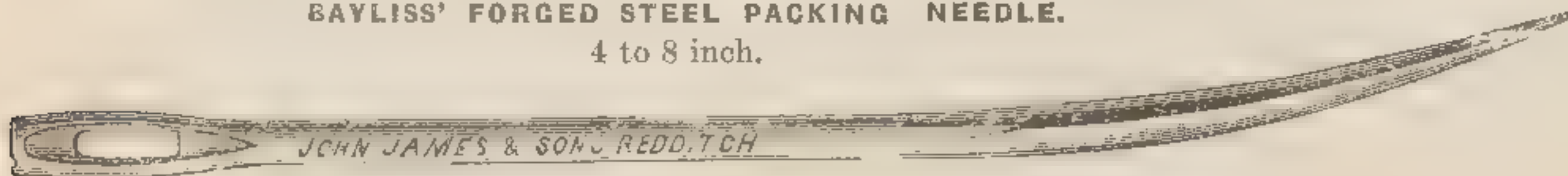
Needles, etc.



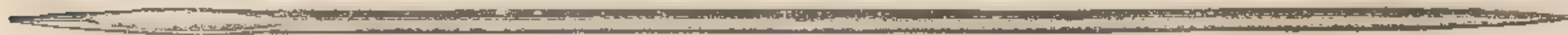
STEEL SAIL NEEDLE.
Common Nos., 90, 91, 92, 93, 94, 95, 96.
3 $\frac{1}{2}$, 3 $\frac{1}{4}$, 3, 2 $\frac{3}{4}$, 2 $\frac{1}{2}$, 2 $\frac{1}{4}$, 2 $\frac{1}{8}$ inch.
Best Nos. 72, 72 $\frac{1}{2}$, 73, 73 $\frac{1}{2}$, 74, 75, 76
3 $\frac{1}{2}$, 3 $\frac{3}{8}$, 3 $\frac{1}{4}$, 3 $\frac{1}{8}$, 3, 2 $\frac{3}{4}$, 2 $\frac{3}{8}$ inch.



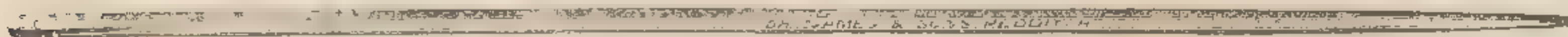
BAYLISS' FORGED STEEL PACKING NEEDLE.
4 to 8 inch.



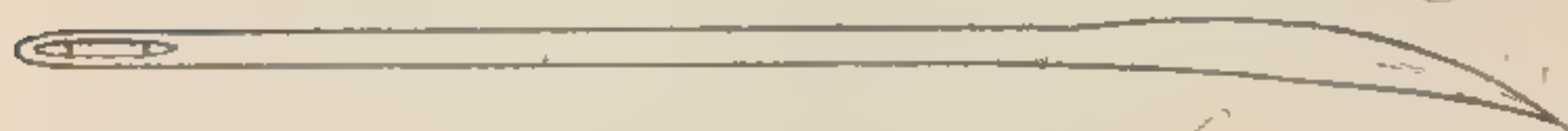
JAMES' STEEL PACKING NEEDLE. to 8 inch.



UPHOLSTERER'S NEEDLE. 6 to 12 inch.



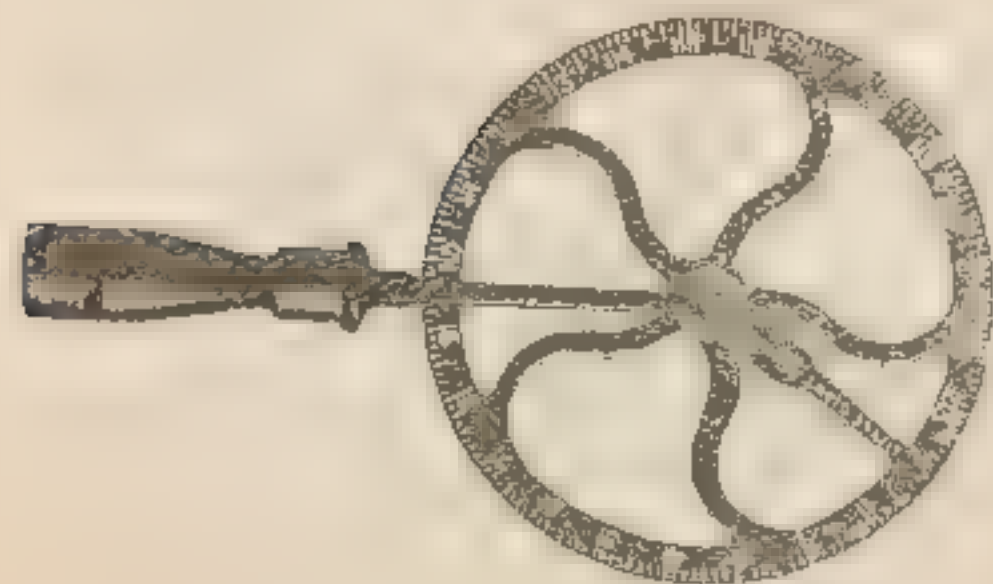
MATTRESS NEEDLE. 6 to 12 inch.



SPEYING NEEDLE.
3 $\frac{1}{2}$, 4, 4 $\frac{1}{2}$, 5, 6 inch.



INOCULATING NEEDLE.



TIRE MEASURING WHEEL.

GLASS PAPER, OAKLEY'S, Nos. 0, 1, 1 $\frac{1}{2}$, F 2, M 2, S 2, 2 $\frac{1}{2}$, 3.



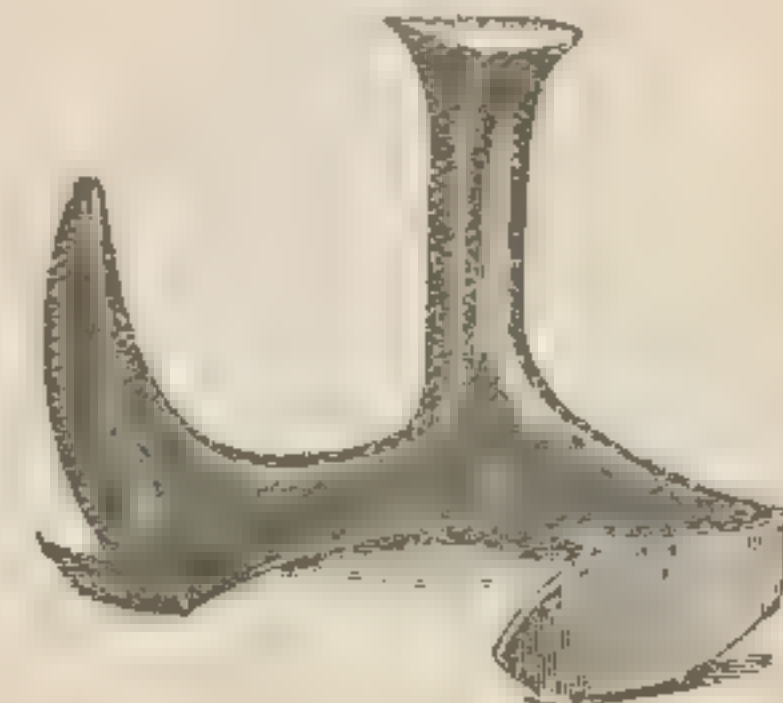
TOOL CHESTS.
All Sizes.

And to order, with any
assortment of tools.



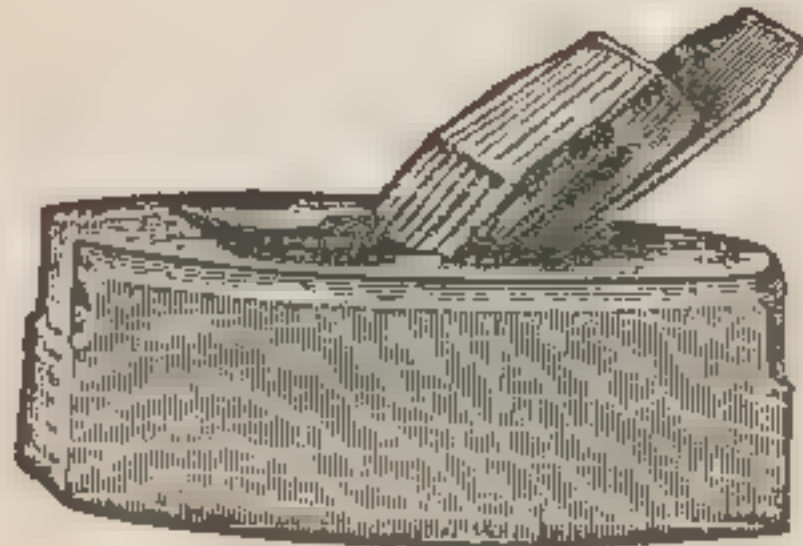
TOOL BASKETS,
Plain and Lined.

Also Tann Canvas, 30, 33, 36, 39 inch.



FOOT LASTS,
2 Feet and Heel and 3 Feet.

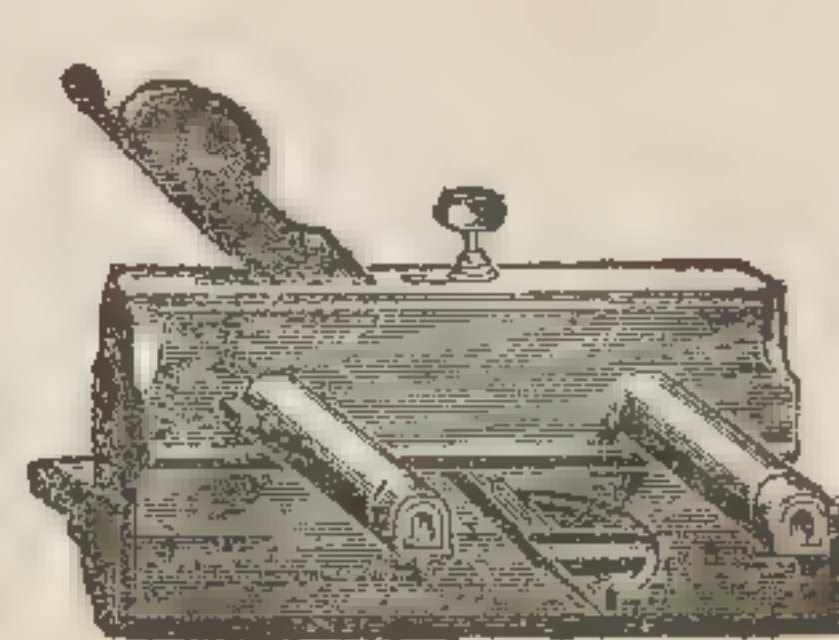
Planes.



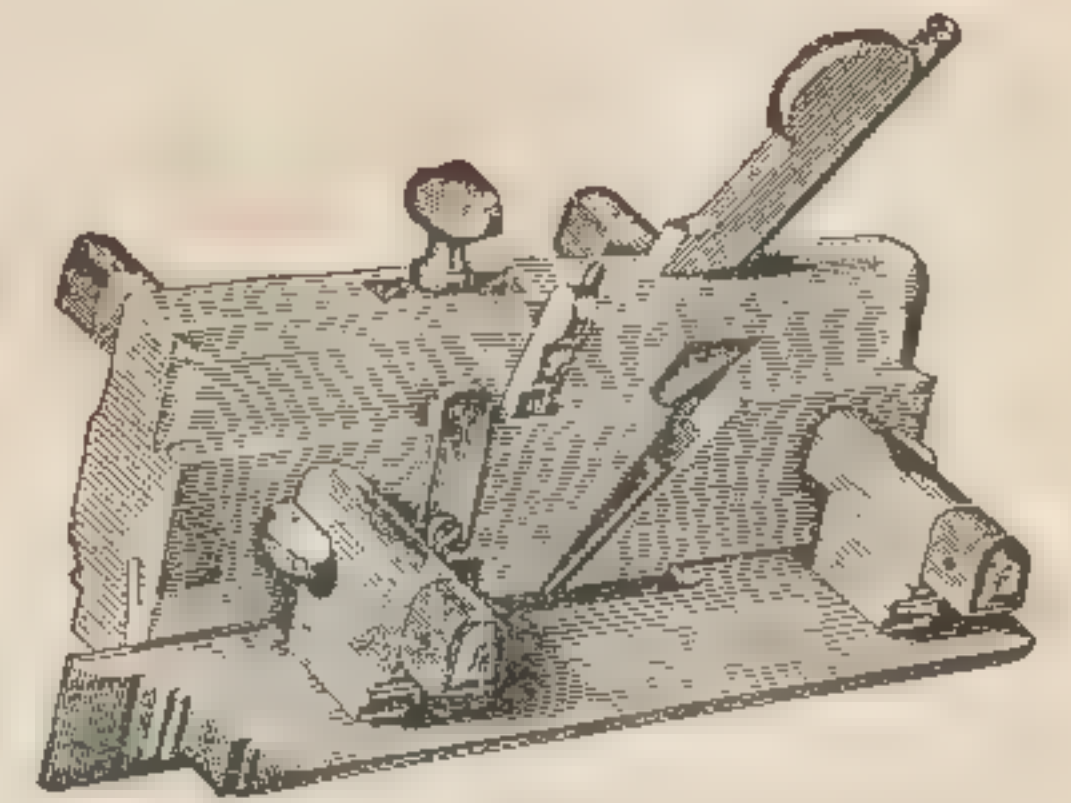
SMOOTHING PLANE.



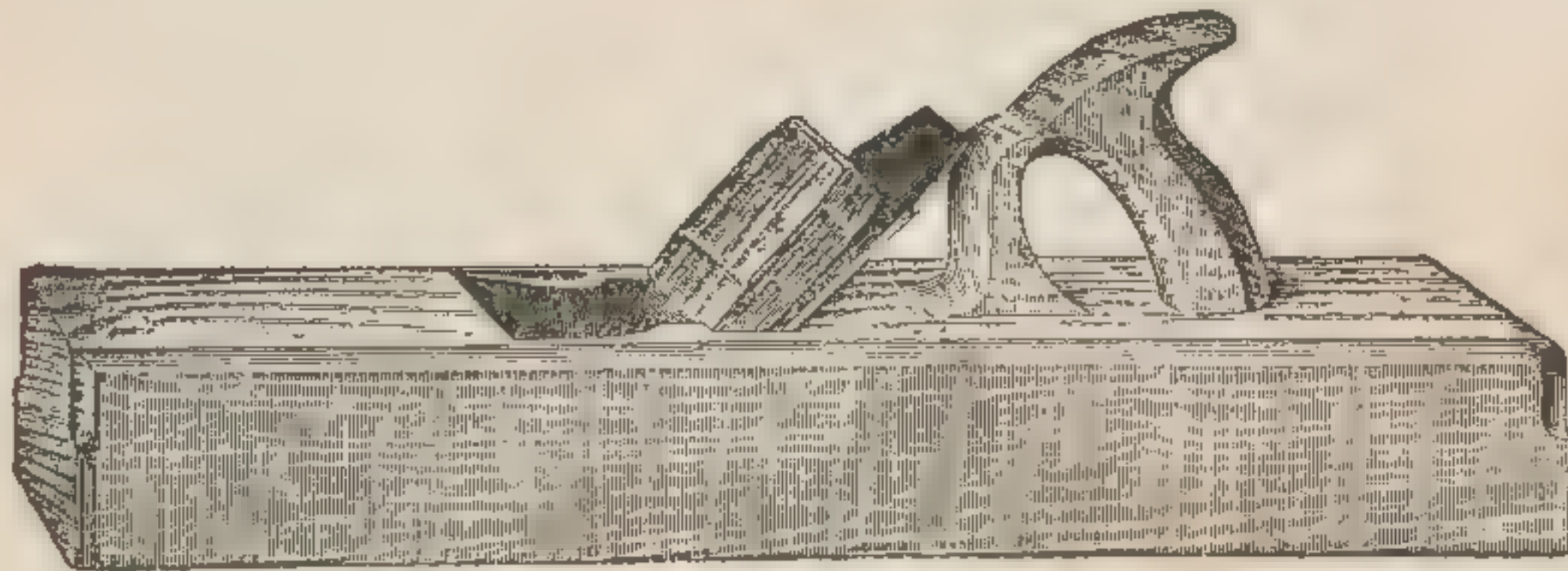
RABATE PLANE.



PLOW PLANE.



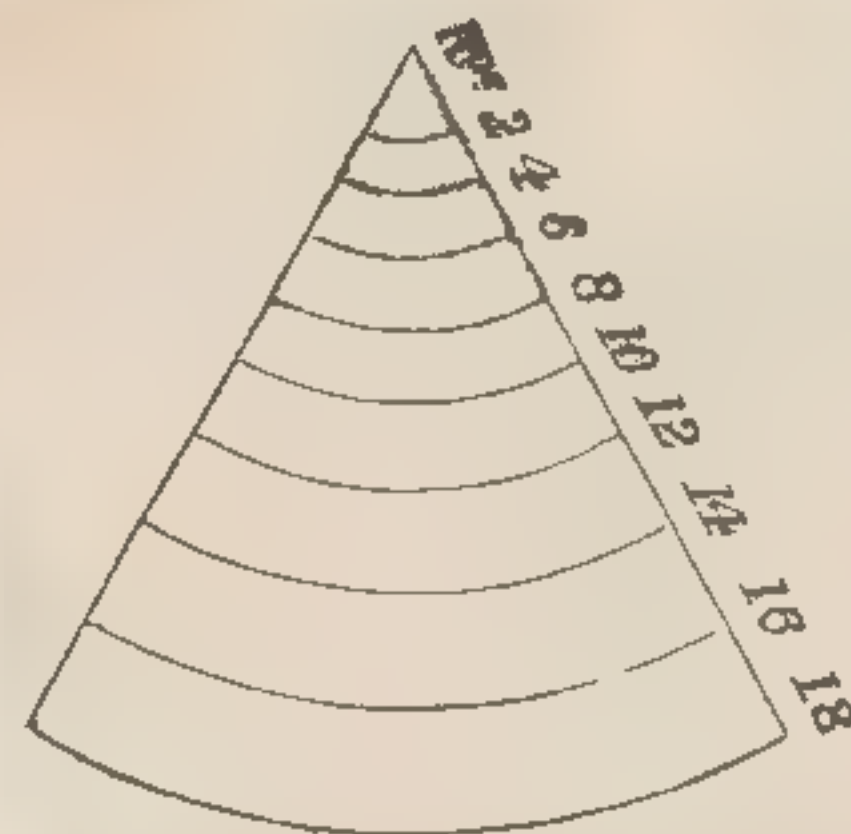
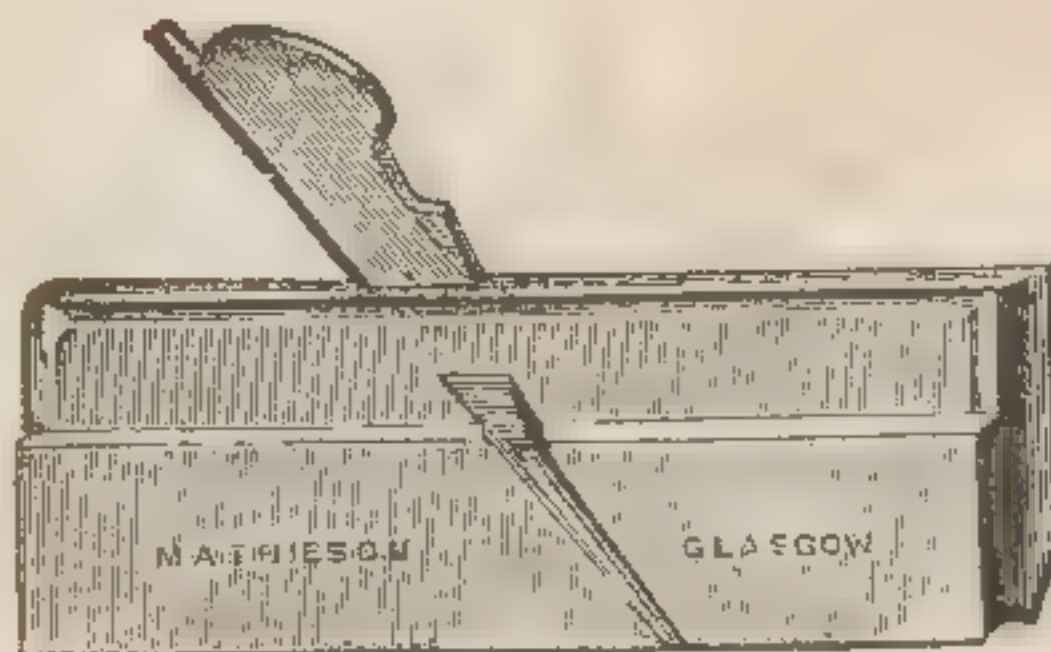
FILLETSTER PLANE.



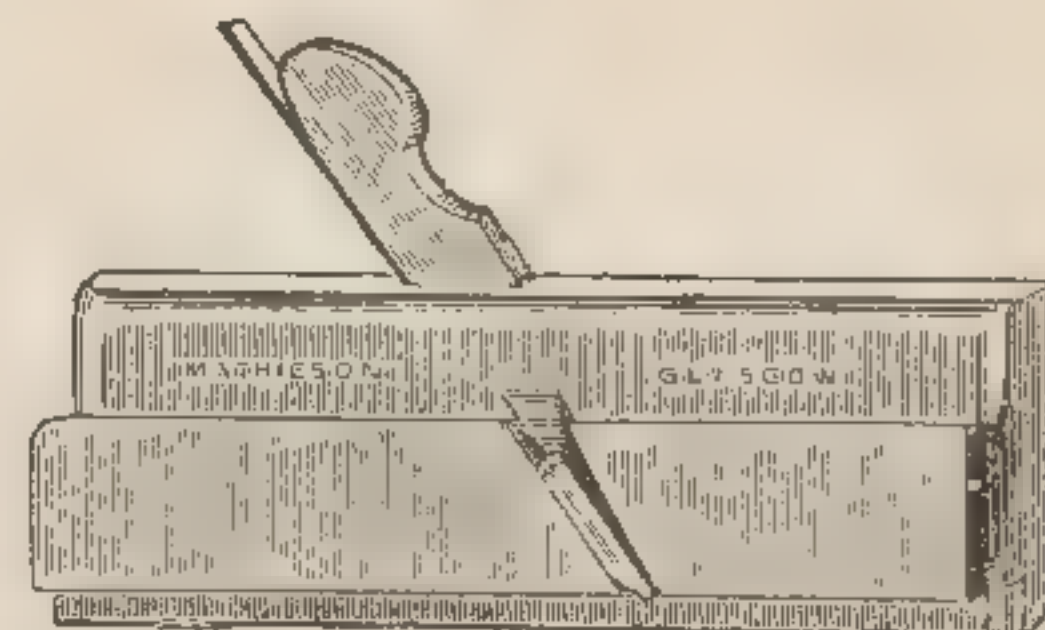
TRYING PLANE.



JACK PLANE.



HOLLOW AND ROUND PLANES.



GERMAN JACK PLANE.

Planes - Continued.

MATHIESON'S PLANE LIST, FIRST QUALITY. The following are Stocked:—

					2	2½	2¼	2⅜	2½ inch						2	2½	2¼	2⅜	2½ inch
SMOOTHING	...	...	...	...	3/9	4/-	4/3	4/9	5/3	TRYING ..	...	...	...	...	...	6/9	6/9	6/9	6/9
"	Steel Plated Sole	...	...	...	7/-	7/3	7/6			TOOTHING	...	...	...	...	...	3/6			
"	Iron Front	...	...	...	9/-	9/-	9/3			MAST. Single Iron	...	...	...	...	...	4/3			
COMPASS	...	...	...	...	4/3	4/6	4/9			" Double Iron	...	...	...	...	...	5/9			
JACK	...	...	...	...	5/-	5/-	5/3	5/9	6/3	OLD WOMAN'S TOOTH, No Irons	...	...	...	...	2/3	With Irons	...	3/-	
SASH FILLETSTERS	...	...	...	...										Nos.	10/-	16/-	20/-	22/6	
															4	6	8		
															Plow stop		Screw stop		
MOVING	...	...	...	...										Nos.	6/9	7/9	10/-		
															20	21	22		
															Brass stop		Screw top!		
PLOW	...	...	...	...	15/-	19/-	23/-	25/-							5B	27/6	7B		
					3	4	5	5B											
					Screw top.	Double Plate.	Screw top.	Fence riveted	Best screw top and plate.	As 5, but with long pre-	As 5B, but with box-								
					6 irons.		to stems.	8 irons.	Ferruled. 8 irons	plate to plane over mortices.	wood screw stems and								
										8 irons.	side screw. 8 irons.								
GROOVING OR MATCH	...	...	...	...											6/6	5/6	5/6	5/6	5/6
															1	1	1	1	1
RABATE, SQUARE	...	...	...	...											2/4	2/4	2/4	2/4	2/4
" SKEW	...	...	...	...											to 1	1½	1½	1½	1½
															2/6	2/6	2/6	2/6	2/6
HOLLOWS AND ROUNDS	...	...	...	...											4/4	4/4	4/4	4/4	4/4
															Nos.	2	4	6	8
															Base	1	1	1	1
															2/6	2/6	2/6	2/6	2/6
BEAD	...	...	...	...											1	1	1	1	1
															3-16	1	1	1	1
CENTRE BEAD	...	...	...	...											3/4	3/4	3/4	3/4	3/4
															1	1	1	1	1
CENTRE REEDING (with two reeds)	...	...	...	...											3-16	1	1	1	1
															5/8	5/8	5/8	5/8	5/8
SCOTIA	...	...	...	...											2/9	3/8	3/8	3/8	3/8
															1	1	1	1	1
OVALO	...	...	...	...											2/6	2/6	2/6	2/6	2/6
															1	1	1	1	1
															3/8	3/8	3/8	3/8	3/8
															1	1	1	1	1
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															1	1	1	1	1

Planes. Stanley's, also Ohio and Sargent's.



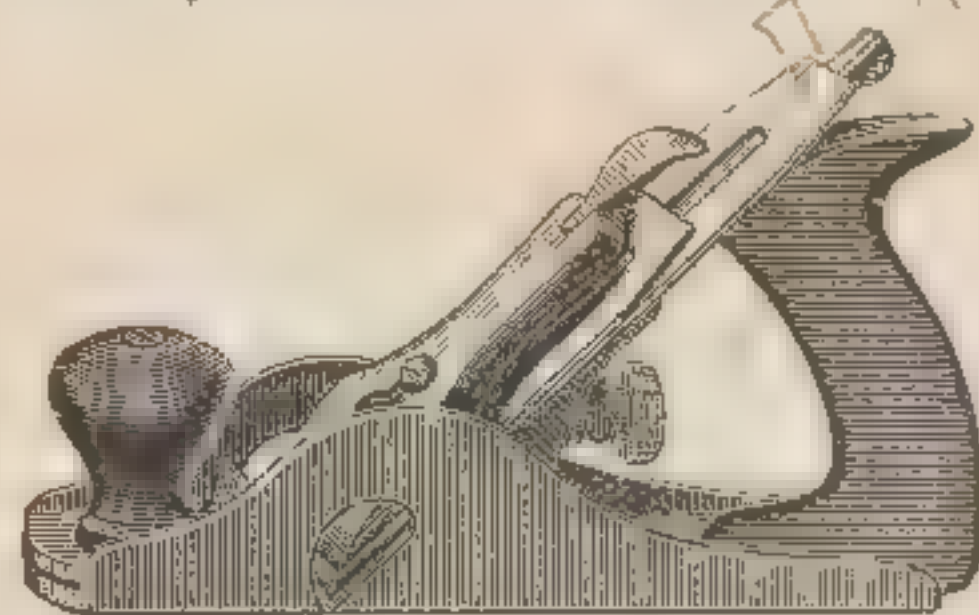
IRON SMOOTH PLANE.
Nos. 2, 3, 4, 4½, 104
7x1½, 8x1½, 9x2, 10x2½, 9x2½
(a) (b)



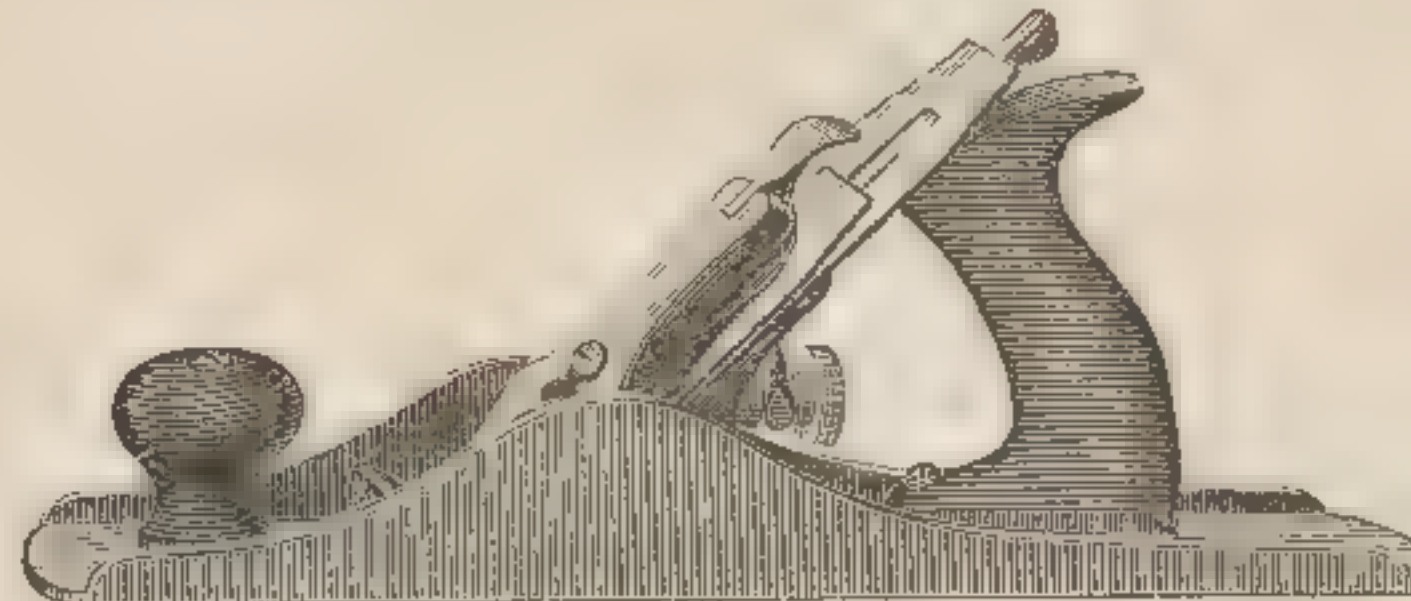
IRON BLOCK PLANE.
Nos. 103 110.
5½ x 1½, Adjustable, 7½ x 1½



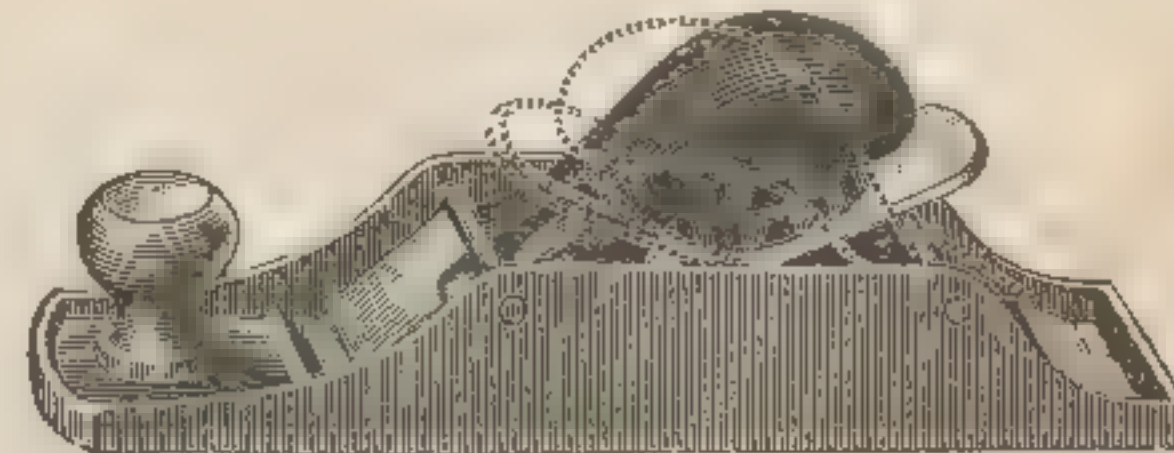
IRON KNUCKLE JOINT PLANE.
No. 18, Nickel Trimmings, 6 x 1½



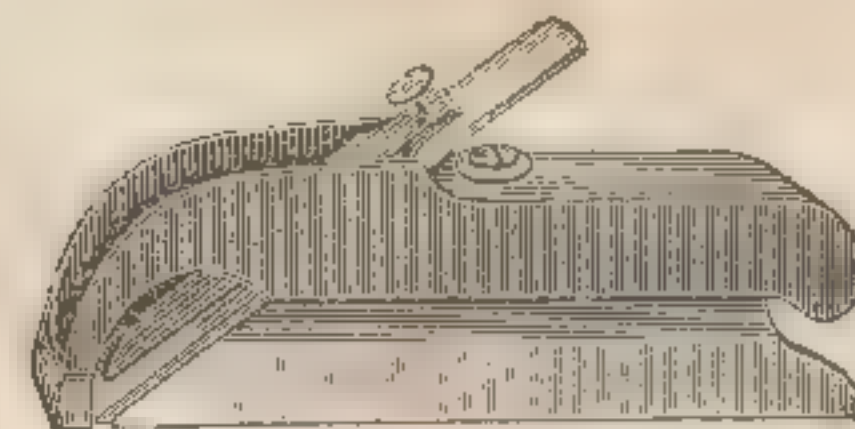
IRON CARRIAGE-MAKER'S RABBET PLANE.
Nos. 10½ 10
9 x 2½ 13 x 2½
(a) Length of Bottom. (b) Size of Cutter.



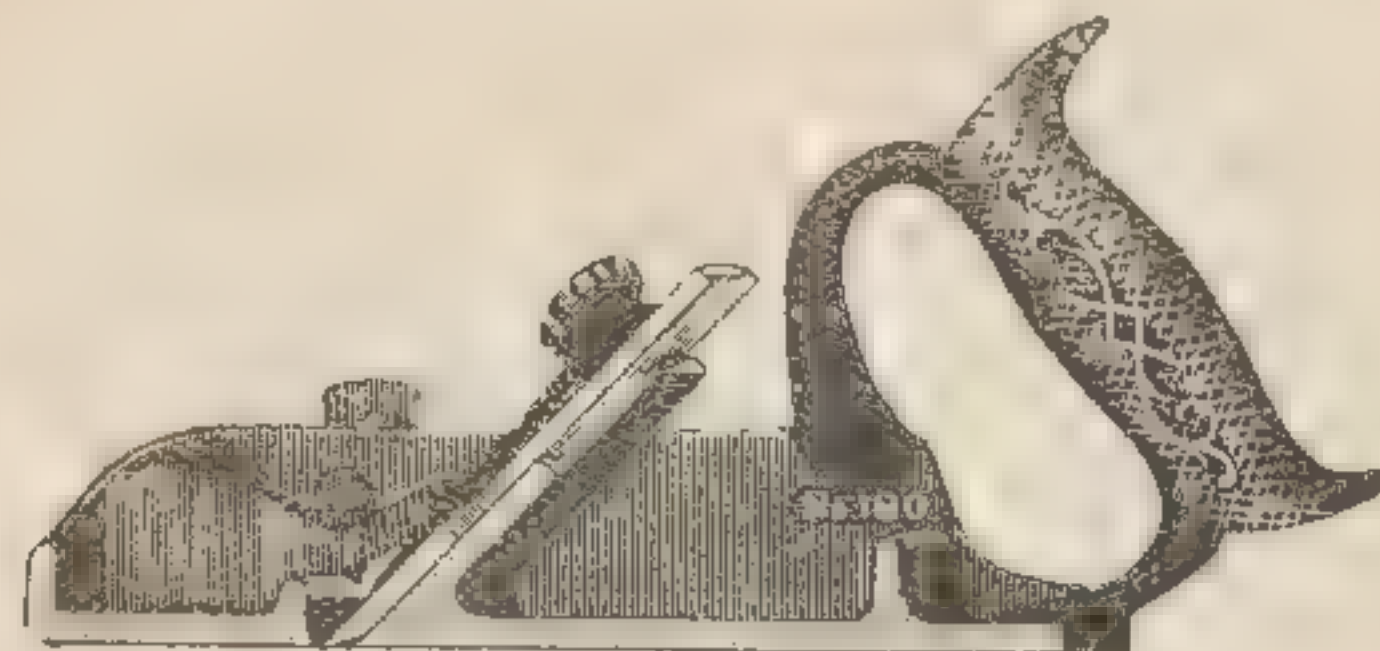
IRON FORE PLANE.
Nos. 5, 5½, 6, 7, 8, 105
14 x 2, 15 x 2½, 18 x 2½, 22 x 2½, 24 x 2½, 14 x 2½



IRON BLOCK PLANE, DOUBLE ENDER.
No. 130, 8 x 1½



IRON BULL-NOSE RABBET PLANE.
No. 75, 4 x 1.



IRON DUPLEX RABBET AND FILLETSTER PLANE.
No. 78, 8½ x 1½



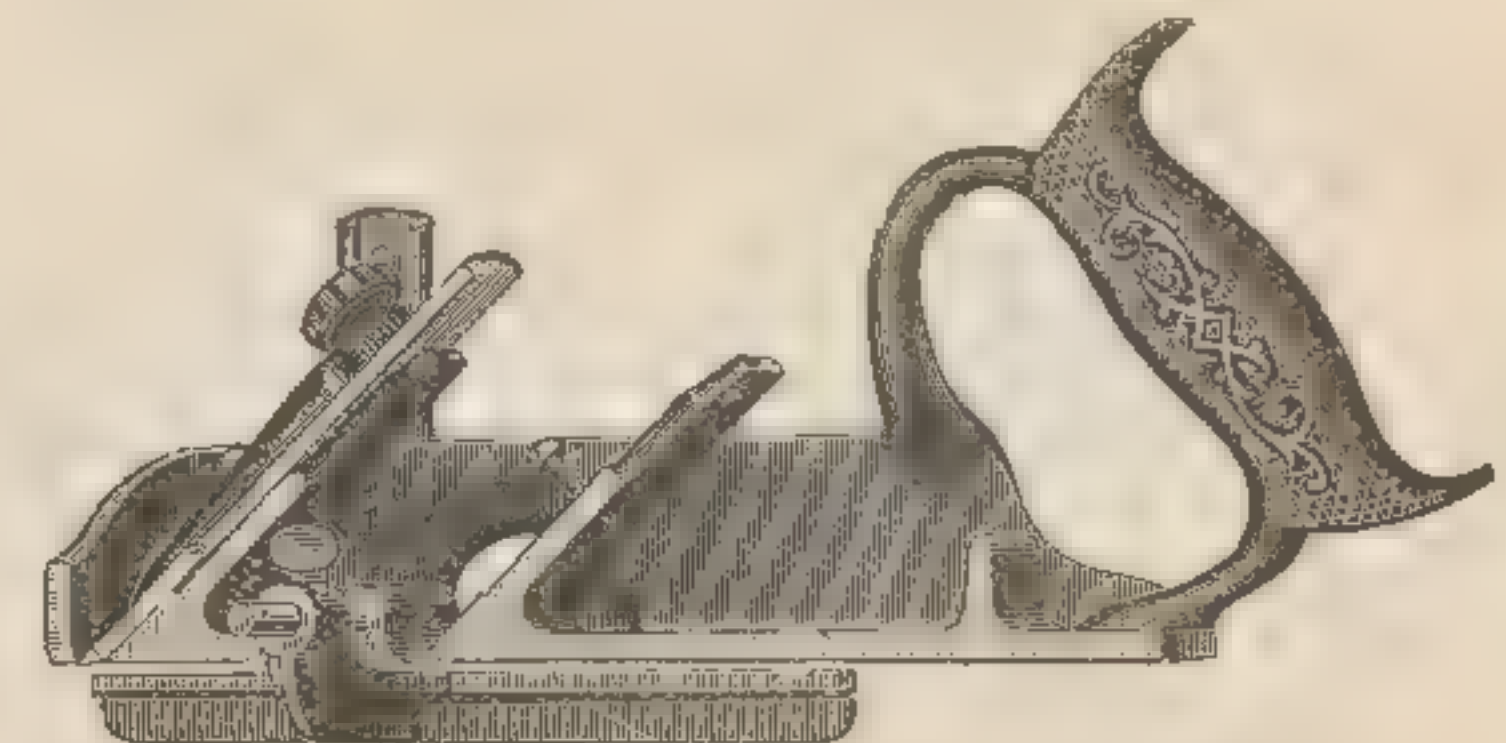
IRON BLOCK PLANE.
No. 101, 3½ x 1.



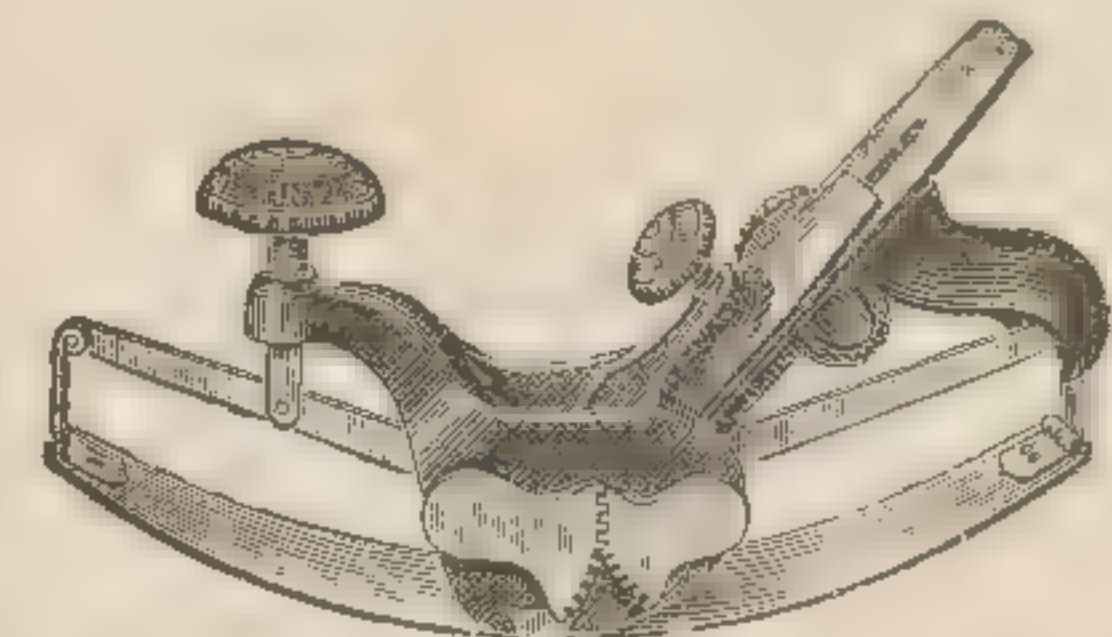
IRON BLOCK PLANE.
No. 102.
5½ x 1½



ADJUSTABLE IRON BLOCK PLANE.
Nos. 15, 16, Nickel Trimmings, 17, Nickel Trimmings,
7 x 1½, 6 x 1½, 7 x 1½

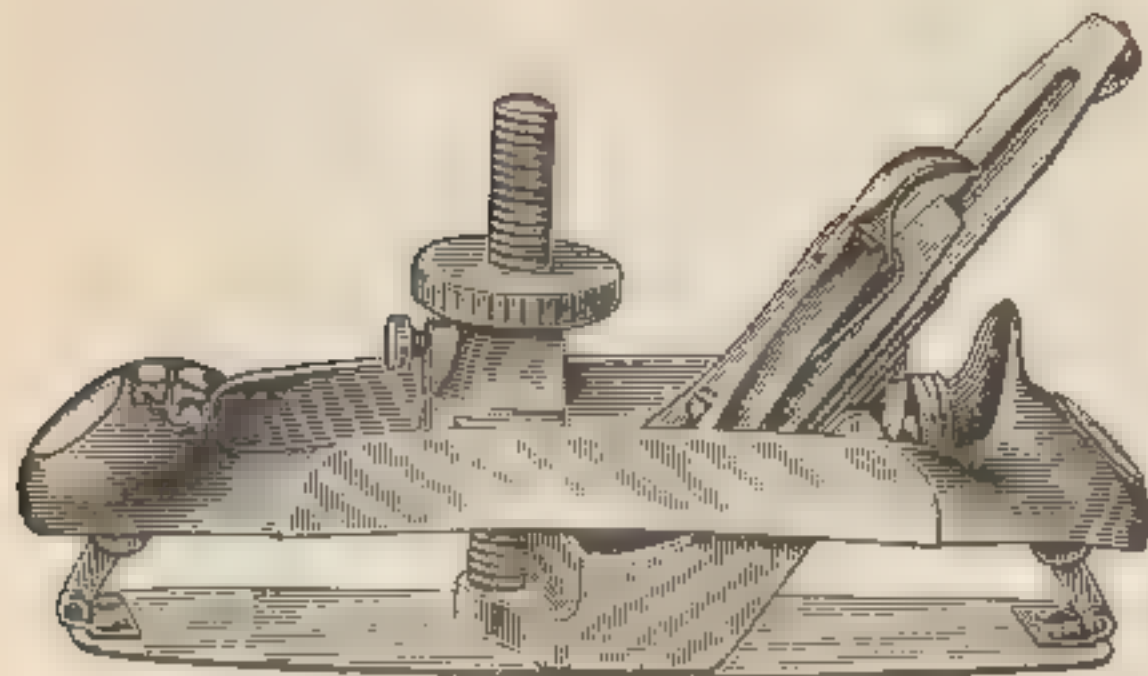


IMPROVED IRON RABBET PLANE, WITH SPUR.
No. 190, 8 x 1½



IRON ADJUSTABLE CIRCULAR PLANE.
No. 113, 1½ cutter.

Planes.—Stanley's *Continued.*



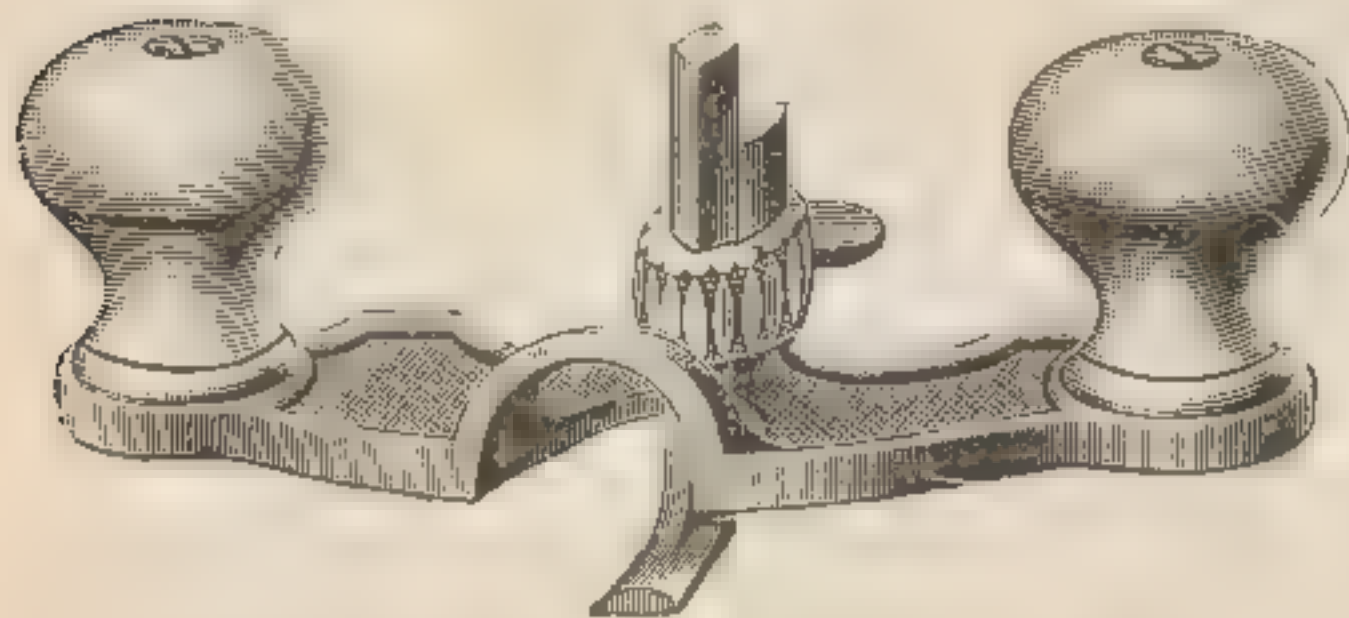
IMPROVED VICTOR CIRCULAR PLANE,
Concave or Convex, No. 20, Nickel
Plated, $1\frac{3}{4}$ inch Cutter.



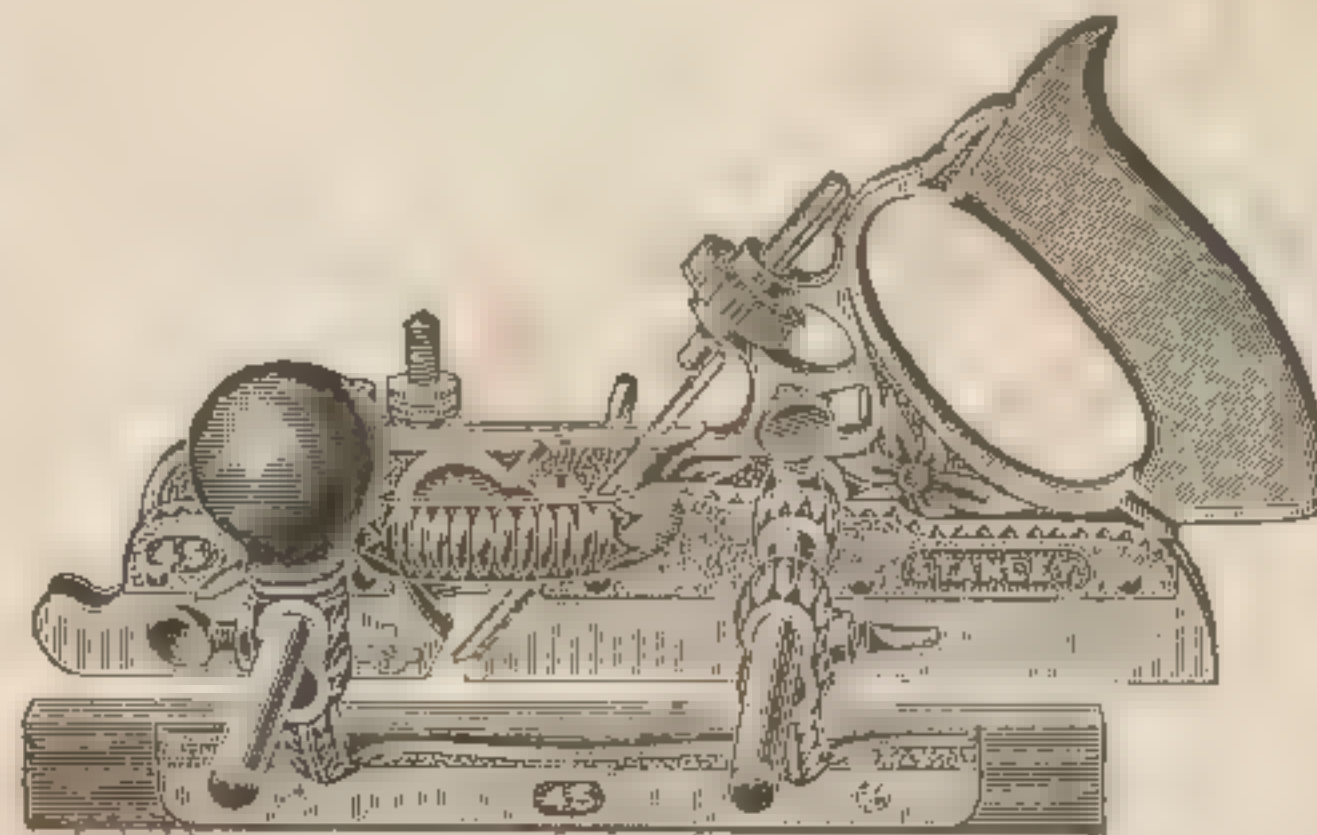
IRON CHAMFER PLANE.
No. 72—9 x $1\frac{5}{8}$.
No. 72 $\frac{1}{2}$, ditto, with beading attachment.



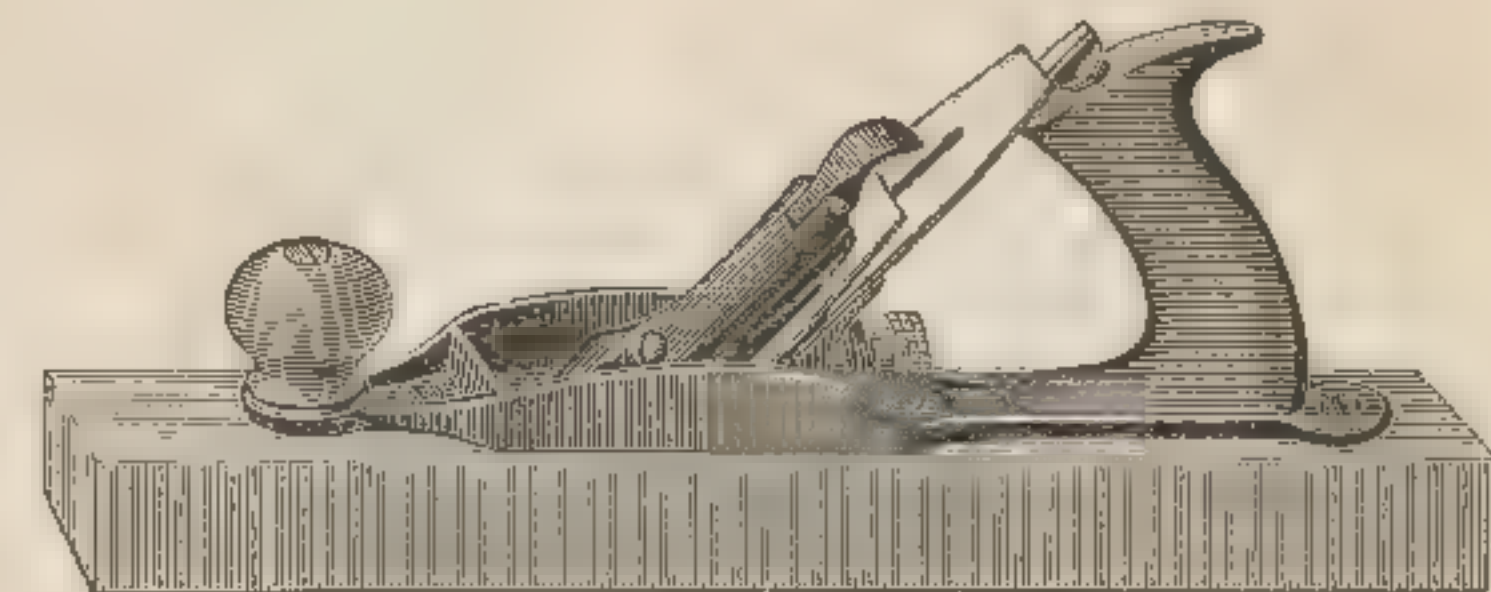
IRON ADJUSTABLE SCRAPER PLANE,
No. 112.
9 x 3.



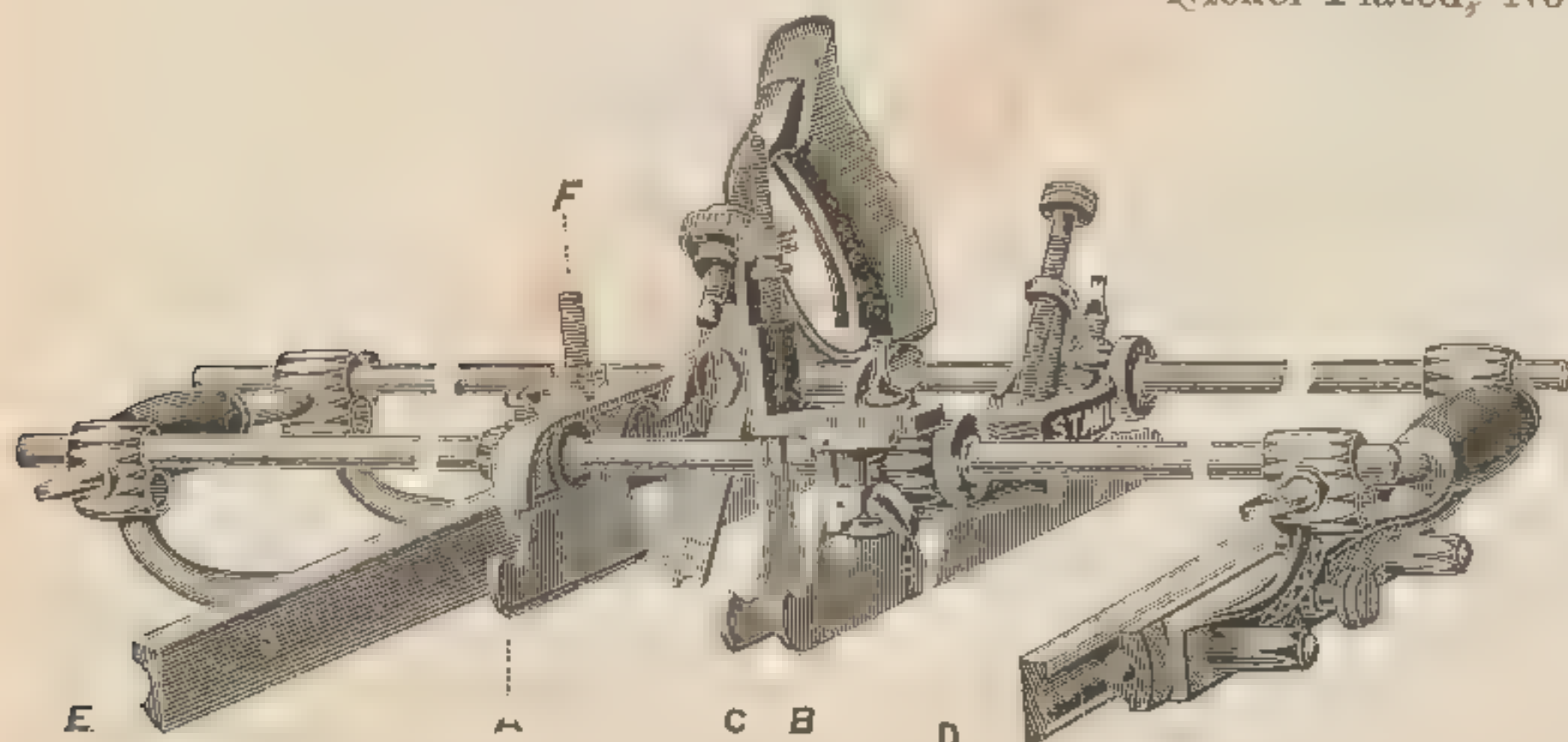
WOODWORKER'S HANDY ROUTER PLANE, No. 71
Nickel Plated, with bits, $\frac{1}{4}$ and $\frac{1}{2}$.
No. 71 $\frac{1}{2}$, Nickel Plated, closed throat
with bits $\frac{1}{4}$ and $\frac{1}{2}$.



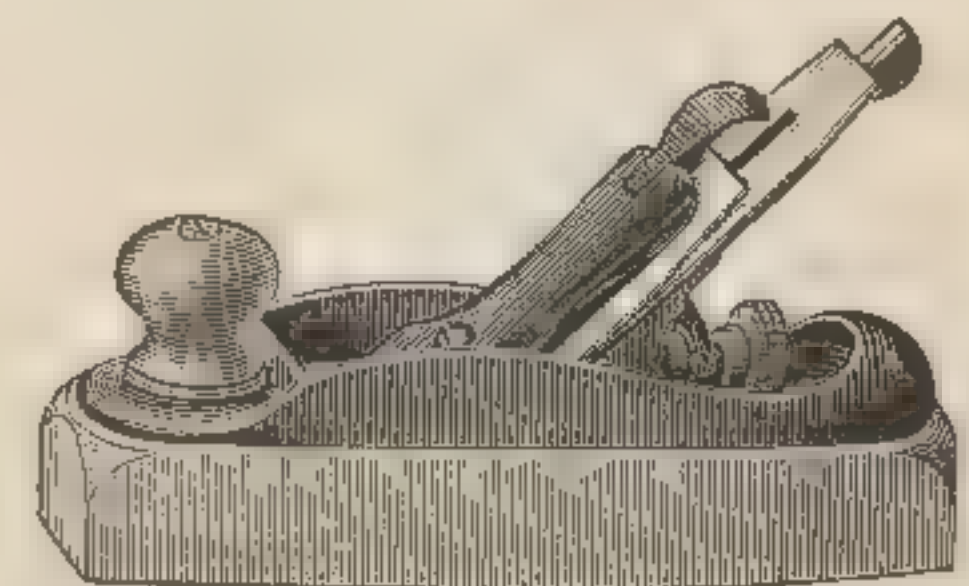
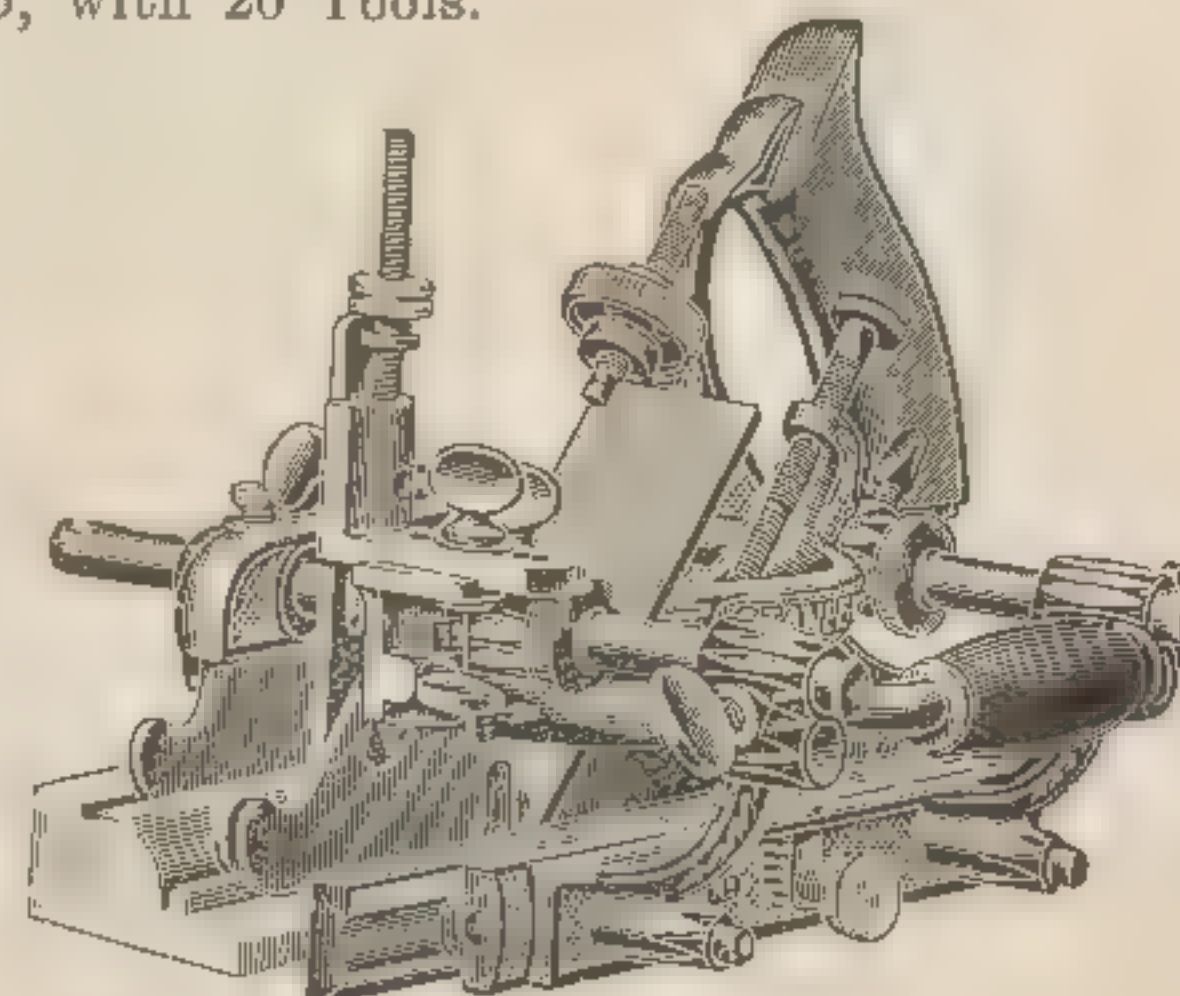
COMBINED PLOW AND BEADING PLANE,
Nickel Plated, No. 45, with 20 Tools.



WOOD BOTTOM JACK PLANE, No. 27,
15 x $2\frac{1}{8}$.

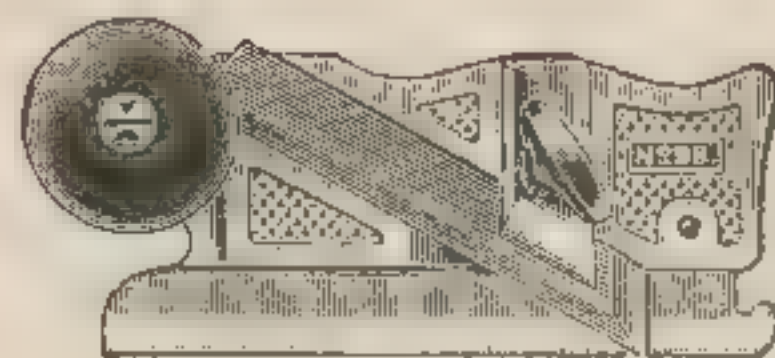


STANLEY'S PATENT UNIVERSAL PLANE, ALSO IN STOCK. No. 55, with 52 Tools.

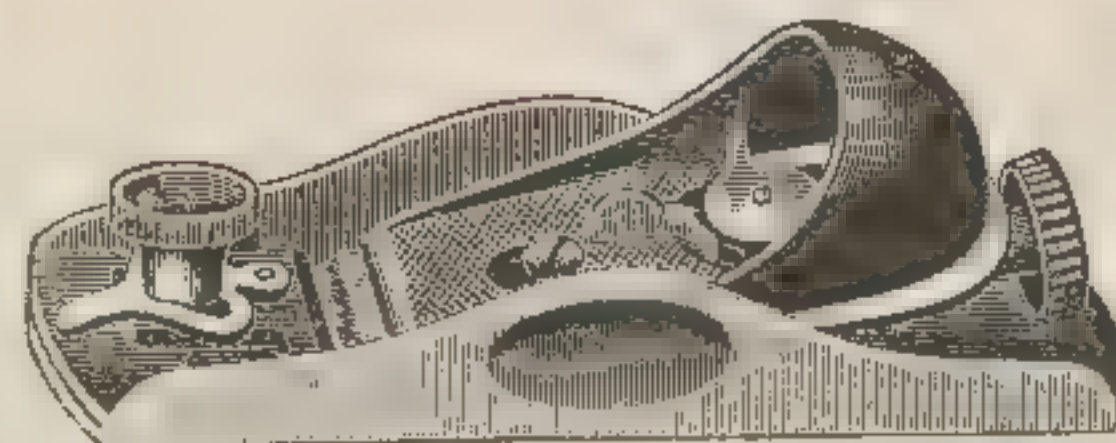


WOOD-BOTTOM SMOOTH PLANE.
No. 24.
8 x 2

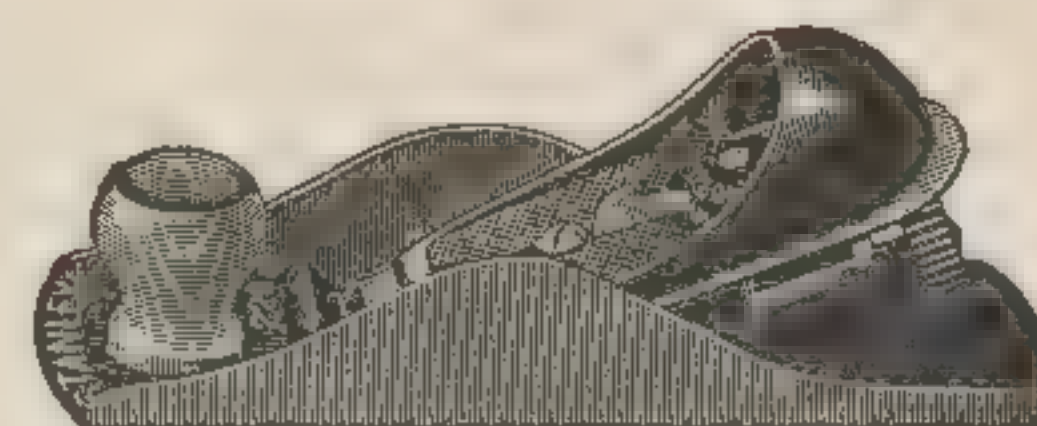
Planes. Stanley's -Continued.



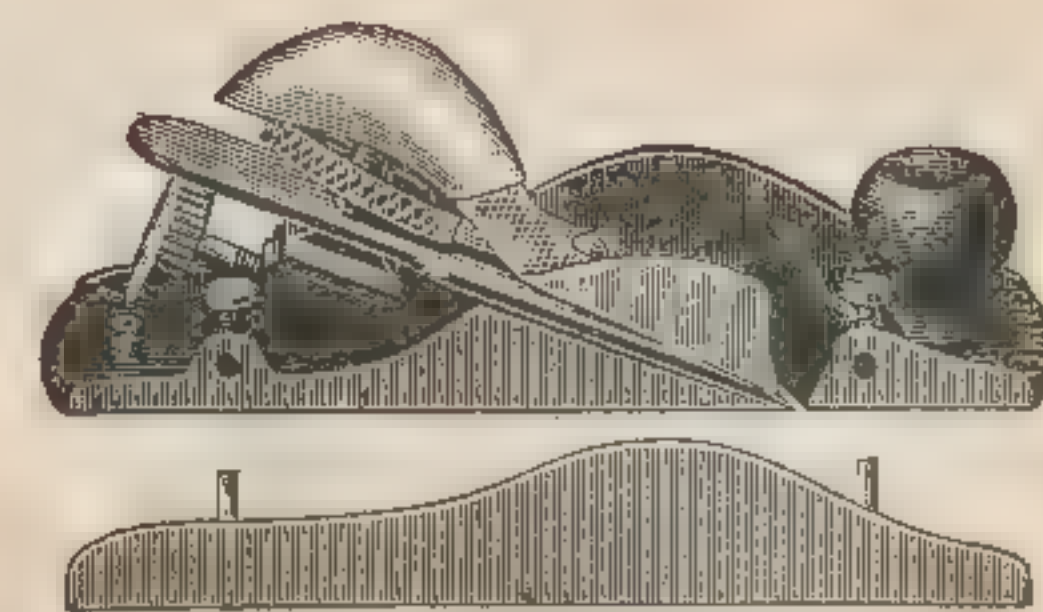
SIDE RABBET.



No. 65.
LOW ANGLE BLOCK PLANE.
7 x 1 3/4 inch.



No. 220.
ADJUSTABLE BLOCK.
7 1/2 x 1 1/4 inch.



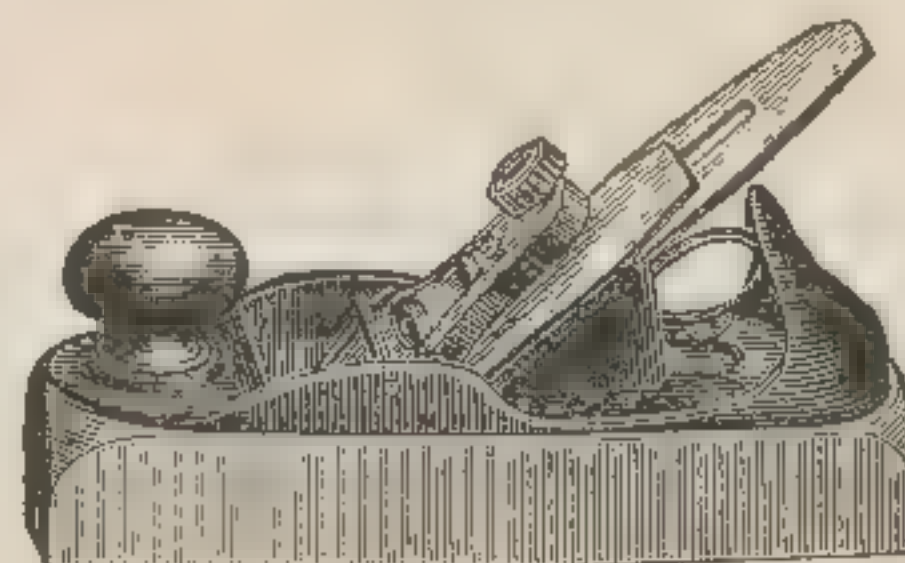
No. 140.
RABBET AND BLOCK PLANE.
7 x 1 3/4 inch.



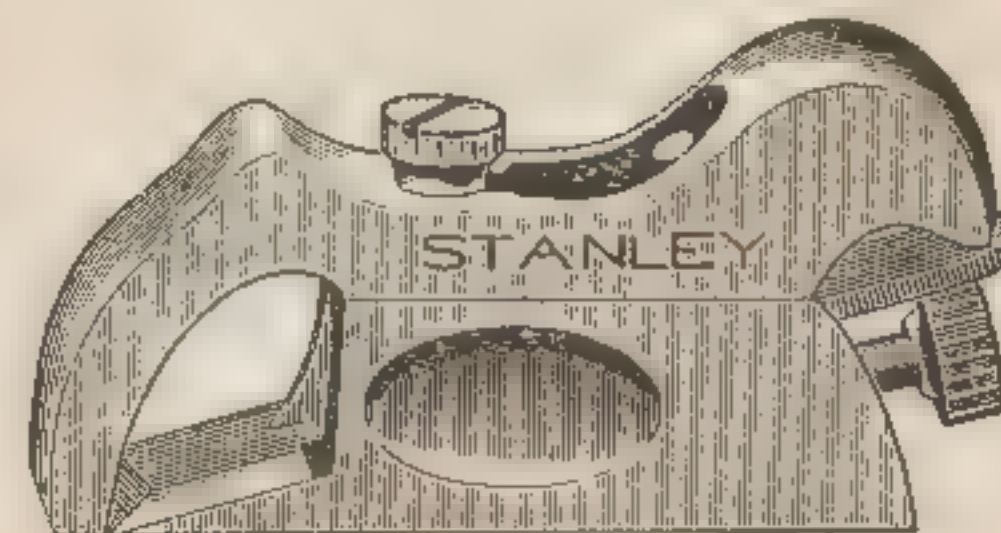
SIDE RABBET.
No. 99, Left Hand.
No. 98, Right Hand.



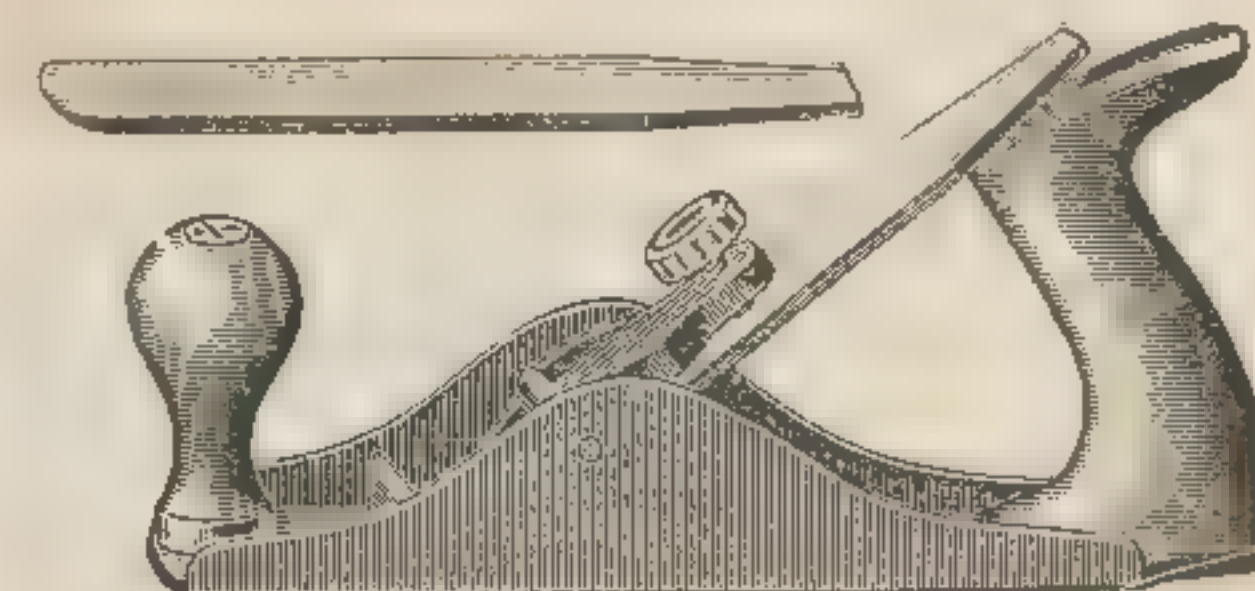
No. 100.
HANDLED BLOCK.
3 1/2 x 1 inch.



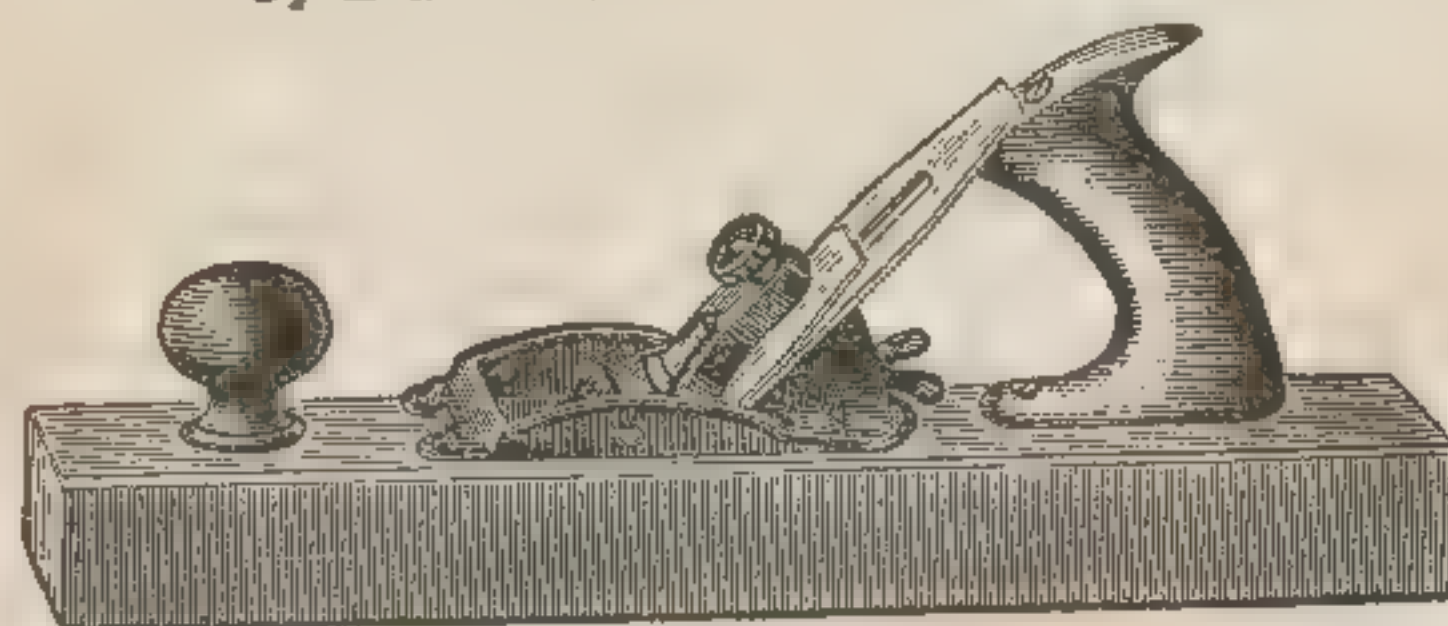
No. 122.
WOOD BOTTOM SMOOTH PLANE.
8 x 1 1/4 inch.



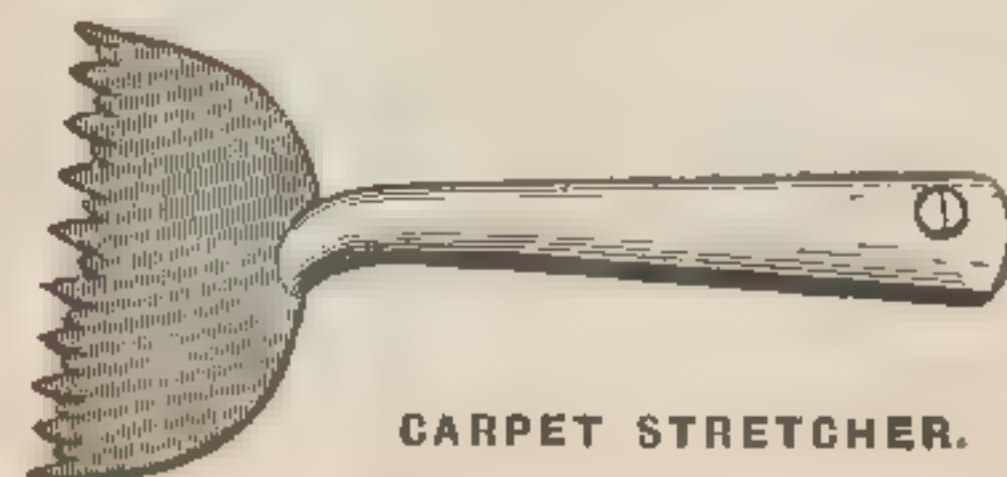
No. 90.
BULL NOSE RABBET PLANE.
4 x 1 inch.



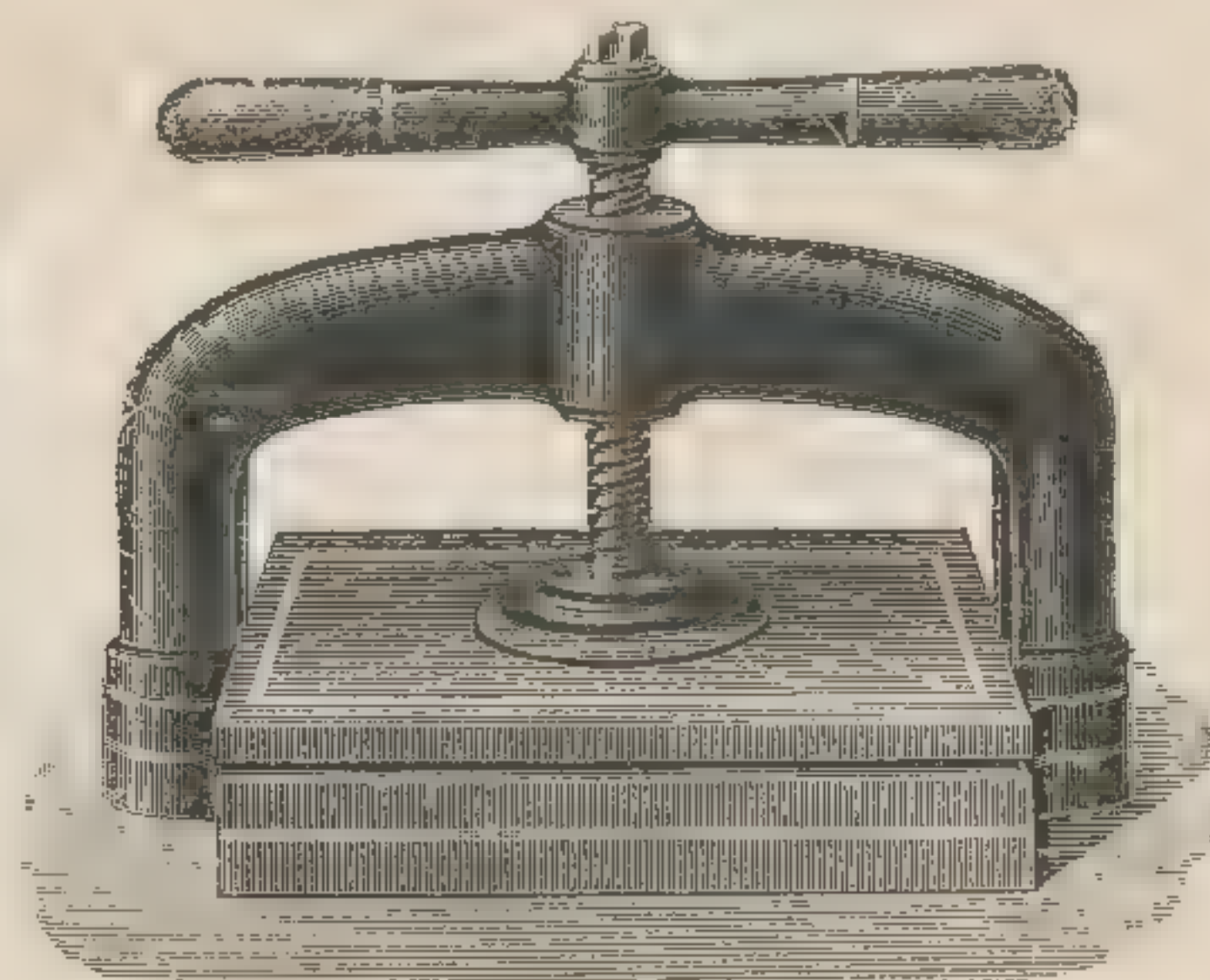
No. 40.
SCRUB PLANE.
9 1/2 x 1 1/4 inch.



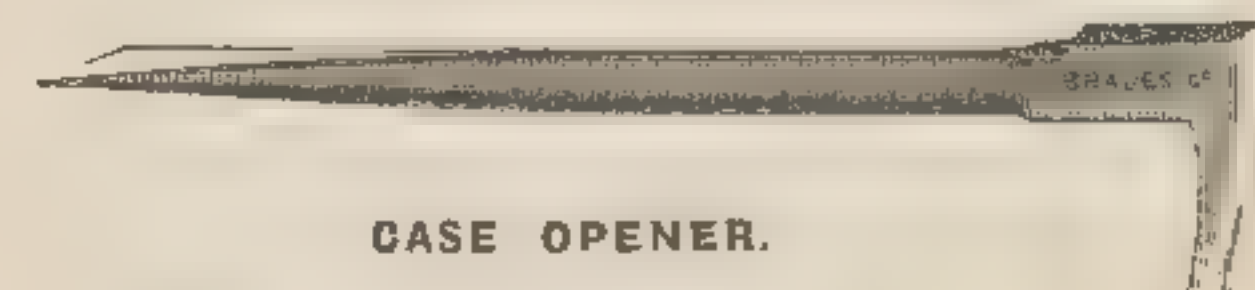
WOOD BOTTOM.
No. 127 Jack Plane, 15 x 2 1/4 inch.
No. 29, Try Plane, 20 x 2 3/8 inch.
No. 129, Try Plane, 20 x 2 3/8 inch.



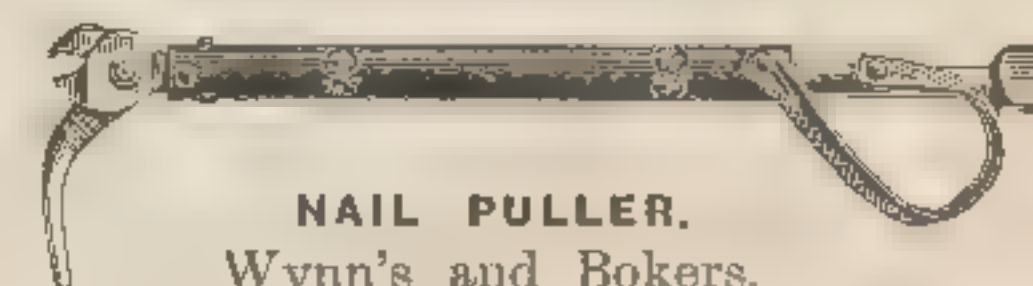
CARPET STRETCHER.



COPYING PRESS.
12 x 10, 15 x 10.
Stronger, Brass Mounted, 12 x 10, 15 x 10.



CASE OPENER.



NAIL PULLER.
Wynn's and Bokers.
Wynn's Extra Heavy.



PALMS.
Sewing and Roping.



PLUMB BOBS.
Brass 3, 4, 6, 8, 10,
13oz.
Lead 2 and 2 1/2 lb.



A black and white photograph of a long, narrow, rectangular object, possibly a piece of wood or a ruler, with a decorative, arched top. The object is marked with numbers and letters along its length. The top edge features a series of small, evenly spaced notches or holes. The object is oriented vertically, with the top edge at the top of the frame.

No.	1157.	Round Joint.	$\frac{3}{4}$	inch wide.	
"	1166.	"	1	"	"
"	1169.	Square	1	"	"
"	1375.	Arch	1	"	"
"	1376.	"	1	Inches in 8ths, 10ths, 12ths, 16ths.	
"	1377.	"	$1\frac{1}{3}$	"	"
"	1378.	"	$1\frac{1}{8}$	"	"
"	1379.	"	$1\frac{1}{2}$	"	"
"	1380.	"		Inches in 8ths, 16ths, and scale.	
"	1112.	"	$1\frac{1}{8}$	"	"
"	1113.	"	$1\frac{1}{16}$	"	"
"	1114.	"	$1\frac{5}{16}$	"	"
"	1116.	"	$1\frac{3}{8}$	"	"
"	1106.	"	1	"	"
"	1118.	"	1	"	"
"	1119.	"	$1\frac{1}{8}$	"	"
"	1107.	"	$1\frac{1}{8}$	"	"
"	1190.	"	$1\frac{1}{2}$	"	"
"	1213.	"	$1\frac{1}{4}$	"	"
"	1192	Dble Arch	1	"	"
"	1193.	"	$1\frac{1}{4}$	"	"

A photograph of a wooden yardstick with a ruler scale and a protractor scale. The ruler scale is on the right, showing inches from 1 to 18. The protractor scale is on the left, showing degrees from 0 to 180. The yardstick is marked with "1 YD" and "36 IN". The ruler scale is marked in inches, with "1 IN" at the top and "18 IN" at the bottom. The protractor scale is marked in degrees, with "0°" at the top and "180°" at the bottom. The yardstick is made of wood and has a dark, possibly painted, end. The ruler scale is printed in black ink on the wood. The protractor scale is also printed in black ink on the wood. The yardstick is shown at an angle, with the ruler scale on the right and the protractor scale on the left. The background is a plain, light-colored surface.

No. 1224. Arch Joint. $1\frac{1}{8}$ inch wide, 2 scales, bevel edge.
 „ „ 1234. „ „ „ „
 „ 1258. „ „ „ „ $1\frac{1}{4}$ „ „ „ „ ROUTLEDGE'S Engineers' Tables.
 3 ft., 4 fold. Nos. 1112, 1113, 1114, 1116, 1193, 1375, 1377, 1378, 1379, 1380.
 4 ft., 4 fold. Nos. 1182, 1185, 1110.
 1 ft., 4 fold. Nos. 1150, 1152.
 1 ft., 3 fold No. 1214, Ironmongers', with Iron Gauge.
 2 ft., 2 fold. Iron, No. 1245. Ditto. Steel, No., 1312.
 Brass, Nos. 1243, 1494, 1498.
 1 ft., 4 fold. Steel, 2ft., 8 fold, ditto. Rope Gauges, 4in.
IVORY RULES, 1 ft and 2 ft., 4 fold. Also, with slide and bevel edge.
ENGINEERS' DIVIDED STEEL RULES. No. 11, marked 8ths, 16ths, 32nds, 64ths, 4, 6,
 12 inch.
 Do. do. do., marked 16ths, 32nds, 64ths, on 2 edges, tapping and spanner sizes on
 back, 12 inch.

BRASS COUNTER MEASURES, 3ft.

A large, detailed illustration of a folding ruler, showing its extended and folded sections. The ruler is marked with numbers and includes the text "JOHN 1 4 RABONE 5 & SONS 6 B RM 17". The ruler is shown in a perspective view, with the extended section on the left and the folded section on the right. The extended section is marked with numbers from 1 to 17. The folded section is marked with numbers from 1 to 17. The ruler is shown in a perspective view, with the extended section on the left and the folded section on the right. The extended section is marked with numbers from 1 to 17. The folded section is marked with numbers from 1 to 17. The ruler is shown in a perspective view, with the extended section on the left and the folded section on the right. The extended section is marked with numbers from 1 to 17. The folded section is marked with numbers from 1 to 17.

65

Pliers.

Sheep Ear Marks. Actual Size. State when ordering if for Side or Centre of Ear.



CENTRE MARKS.

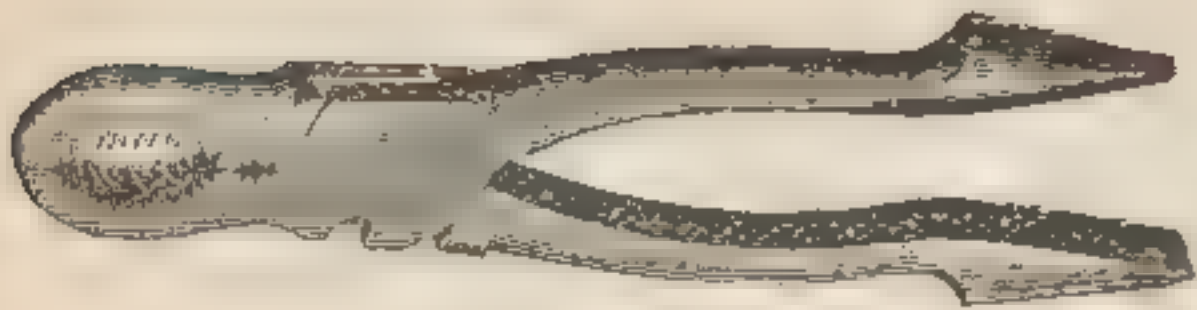


Ear Pliers can be supplied if the registered number of the ear mark on the certificate be given.

Cattle ear marks of any design can be supplied.

Also FIRE BRANDS FOR HORSES AND CATTLE

Pliers.



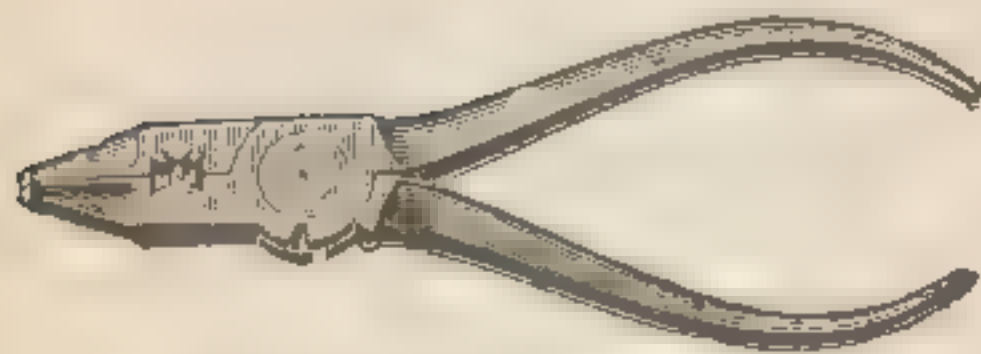
GAS PLIERS. No. 1.
5in. to 8in.



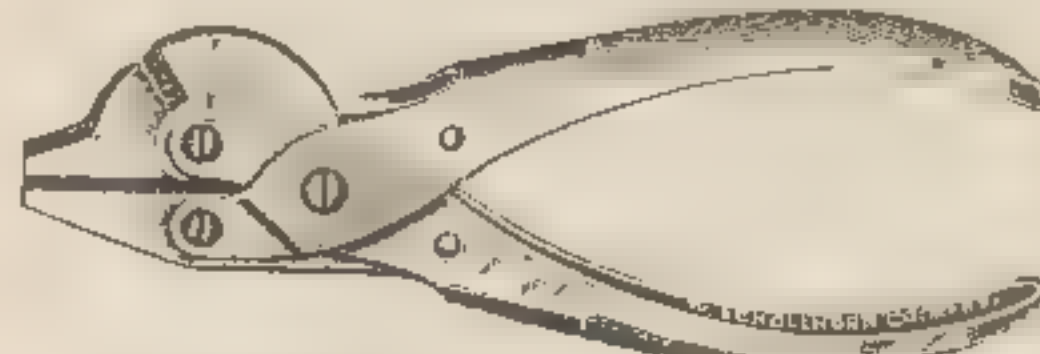
COMBINATION PLIERS. 6in., 7in., 8 in.



FENCING PLIERS.
8in., 9in., 10in., 12in.



GASFITTER'S PLIERS. No. 2.
5½ inch.



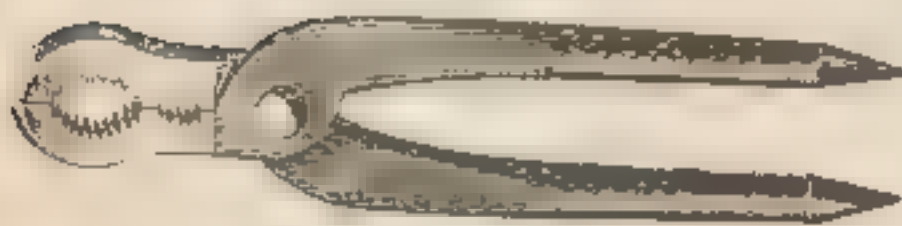
**BERNARD'S PARALLEL JAWS
CUTTING PLIERS.**
Sizes, 6½ and 7½ in.



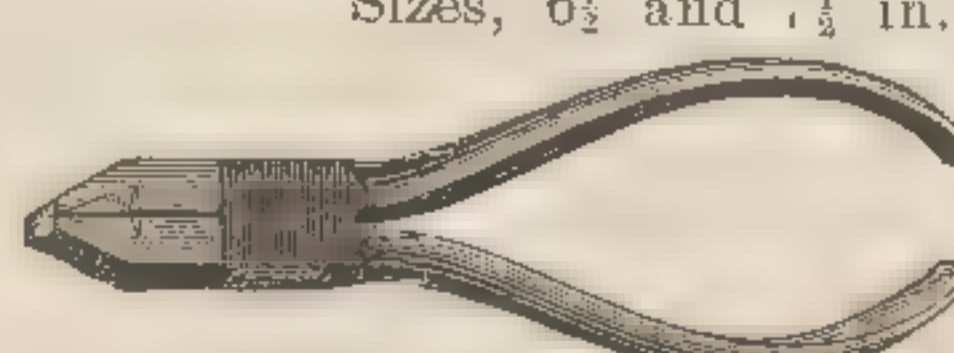
ELM CITY FENCING PLIERS.
Size, 9in.



ELM CITY STAPLE PULLER.
Size, 10in.



GAS PLIERS. No. 3.
6in. to 8in.



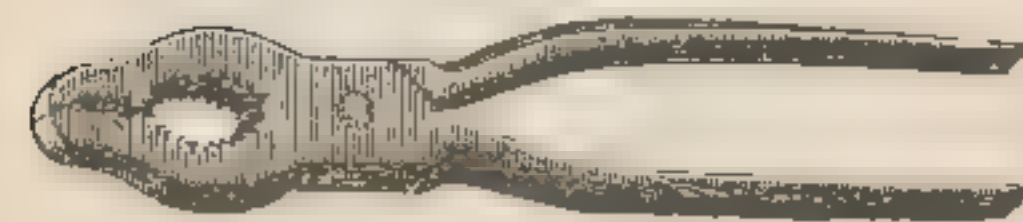
CUTTING PLIERS.
4in. to 7in.



BULL NOSE RINGING PLIERS.



FENCING PLIERS AND STAPLE PULLER.
10in.



GAS PLIERS. No. 4
6in. to 10in.



FLAT NOSE PLIERS.
3 to 7 inch.



ROUND NOSE PLIERS.
3 to 7 inch



**FENCING PLIERS.
HILL'S PATENT.**
7in., 8in., 9in., 10in.



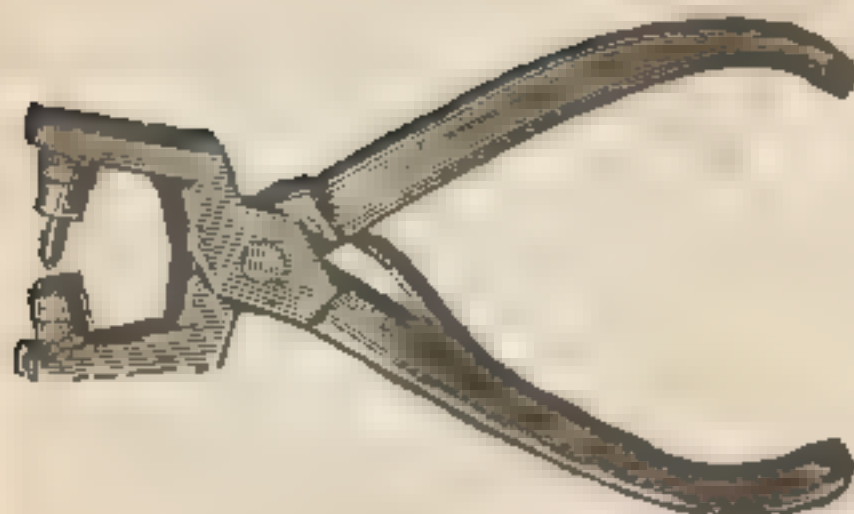
MILLINER'S PLIERS. No. 1.
4½ in.



MILLINER'S PLIERS. No. 2.
4 in.



STAKE PLIERS.
5½ in.



EYELET PLIERS. 6 in.



PUNCH PLIERS. 6 in.



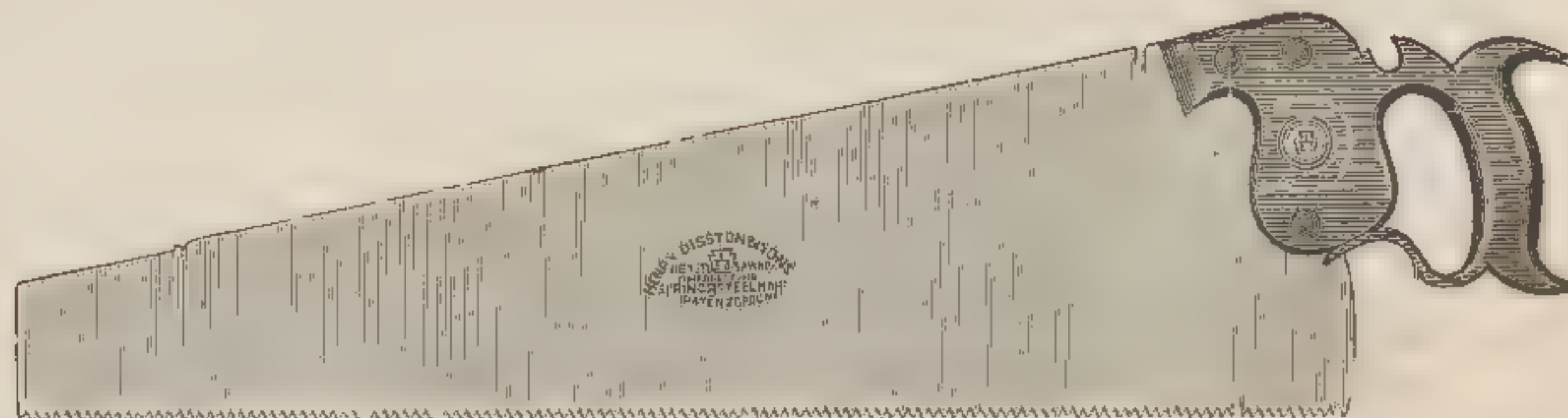
UTICA STAPLE PULLER.

Saws.



DISSTON'S Compass Saws,
10, 12, 14, 16 inch.

COMMON Compass Saws,
10, 12, 14 inch.



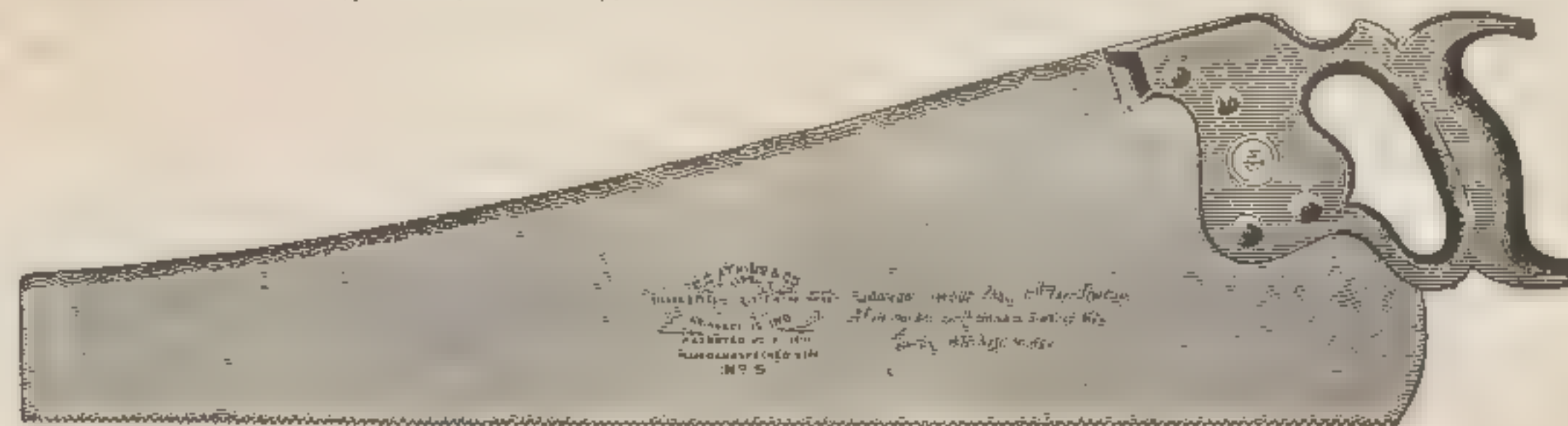
DISSTON'S STRAIGHT BACK HAND SAW.

"IMP" Straight Back Hand Saws, 18, 20, 26 in., 6 to 10 teeth.
DISSTON'S Straight Back Hand Saws, Nos. 7, 12, 26 in., 5 to 10 teeth.
 "CAN'T-B-BEAT," "OUR SAWS," do, 26 in., 4 to 8 teeth.
 "UNIVERSAL" Hand Saws, 18, 20, 26 in., 7 to 10 teeth.
DISSTON'S RIP SAWS, Nos. 7, 28 in., 3 to 5 teeth.
ENTERPRISE COMBINATION SAW, 26 in.
CLIPPER, 26 in., 6 to 8 pt.



DISSTON'S SKEW BACK HAND SAW.

CHALLENGE Skew Back Hand Saws 18, 20, 26 in., 6 to 10 teeth.
DISSTON'S Skew Back Hand Saws, Nos. D8, 20, 22, 24, 26 in., 5 to 10 teeth.
DISSTON'S " " " " Nos. 76, 112, D100, 26 in., 5 to 10 teeth.
DISSTON'S " " Rip Saws, Nos. 76, D8, 112, 28 in., 3 to 5 teeth.
DISSTON'S " " " " D100, 28 in., 3 to 5 teeth.



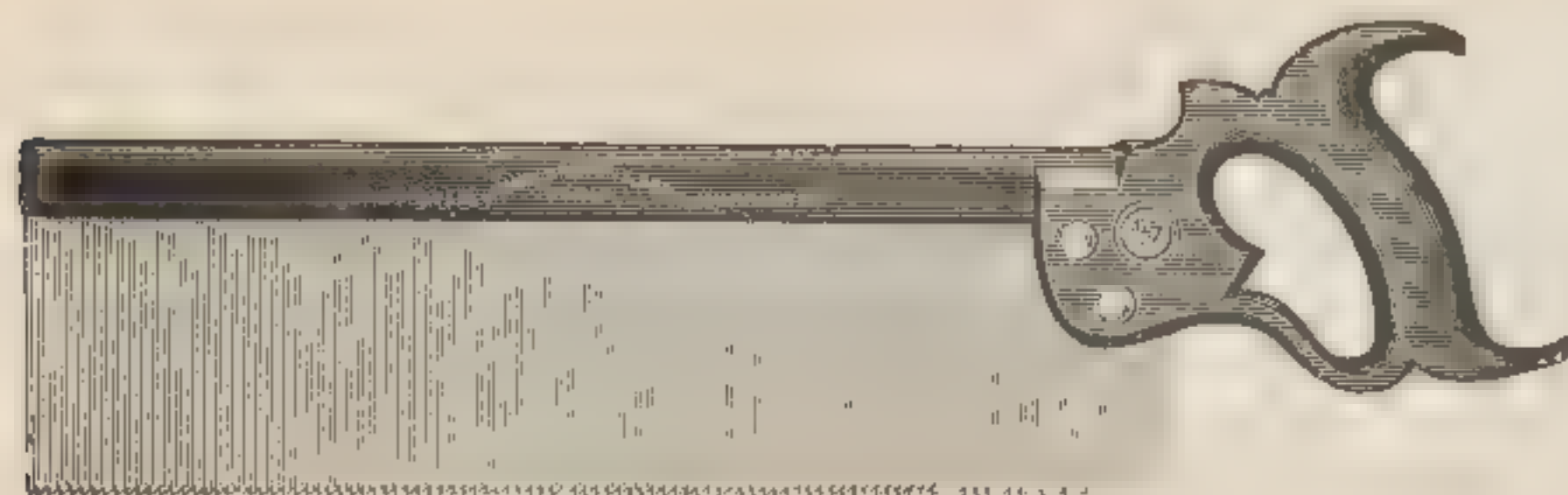
ATKIN'S HAND SAWS. HOLLOW BACK.

No. 51, 59, 26 in., 6 to 9 teeth.
 No. 51, Rip, 28 in., 3 to 5 teeth.



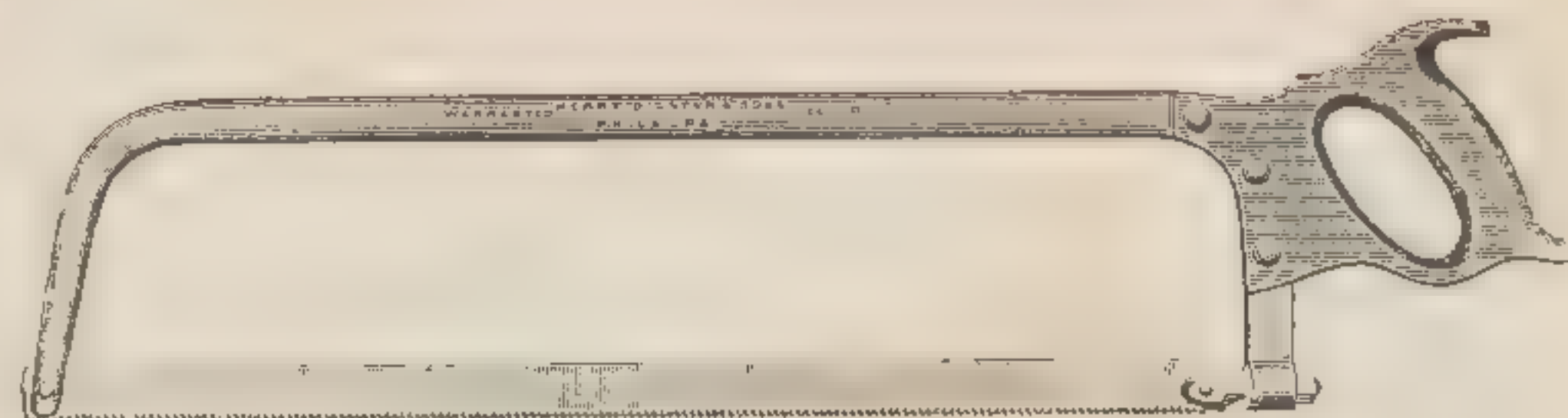
DISSTON'S NEST OF SAWS

Saws— Continued.

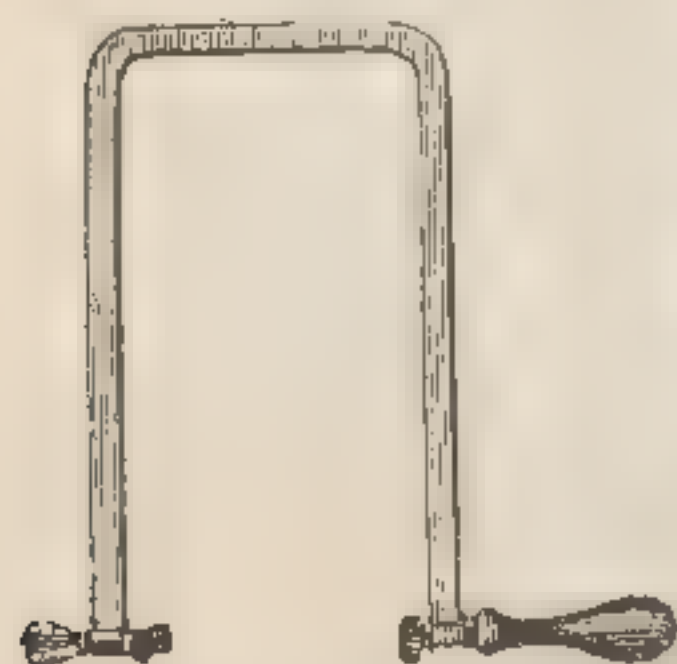


TENON SAW.

DISSTON'S No. 5, Brass Back, 8, 10, 12, 14, 16 inch.
 JACKSON'S No. 4, Iron " " " " " "
 No. 1. " " " " " "
 (Com.) " " 10, 12 inch.
 DISSTON'S No. 4 (for Mitre Boxes), 20in., 24in.



DISSTON'S BUTCHER'S SAW 14, 16, 18, 20, 22, 24 inch.
 Kitchen Saws, 12, 14 inch.

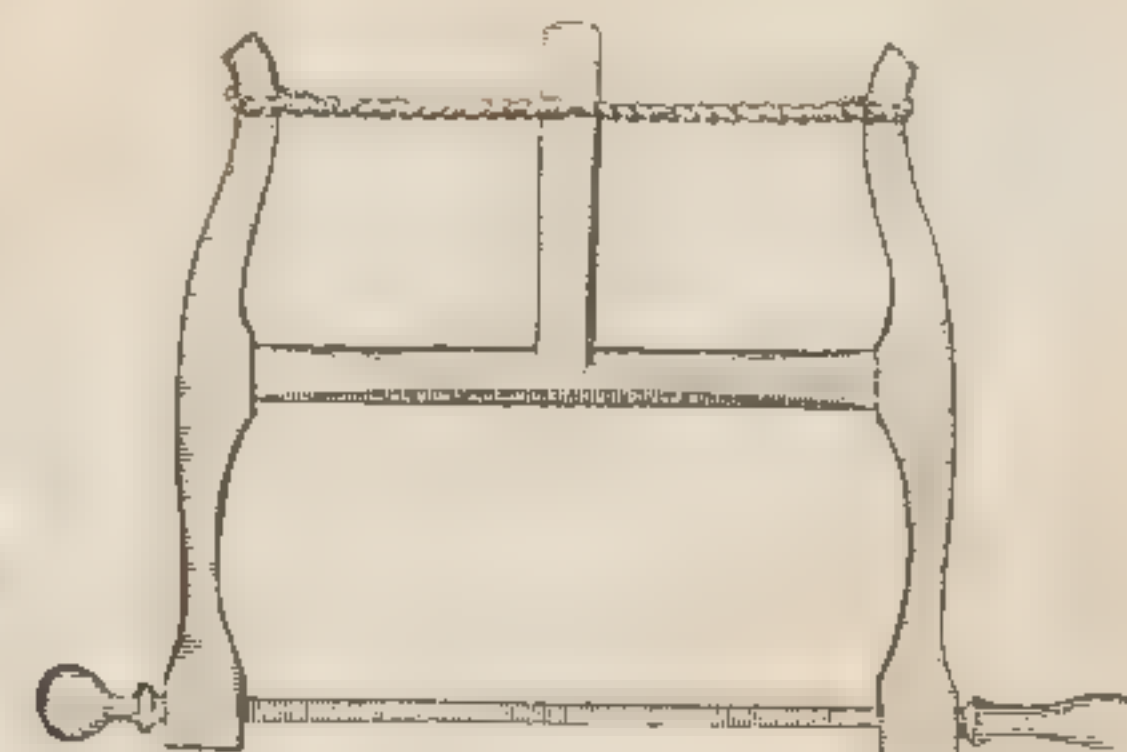


FRET SAW FRAME.
Various qualities.



THE GRIFFIN HACK SAWS.
ONE DOZ. BLADES WITH EACH FRAME.

8, 9, 10, 12, 14 inch.



FRAME SAW.
10, 12, 14, 16, 18 inch.

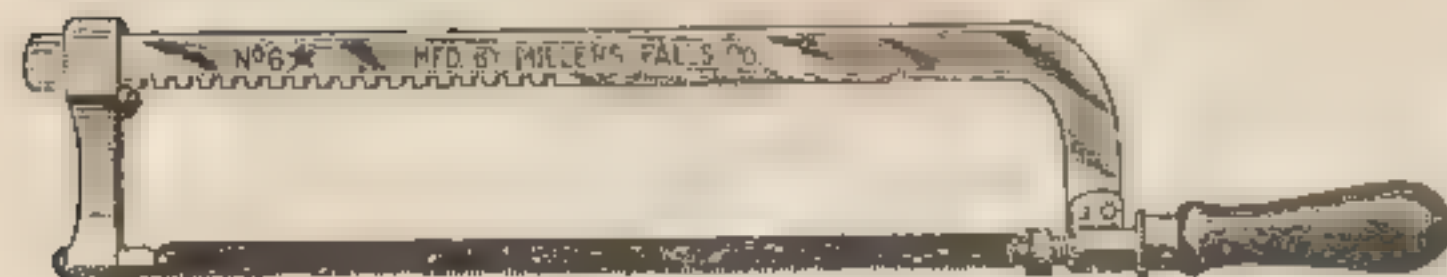
Hack Saws.



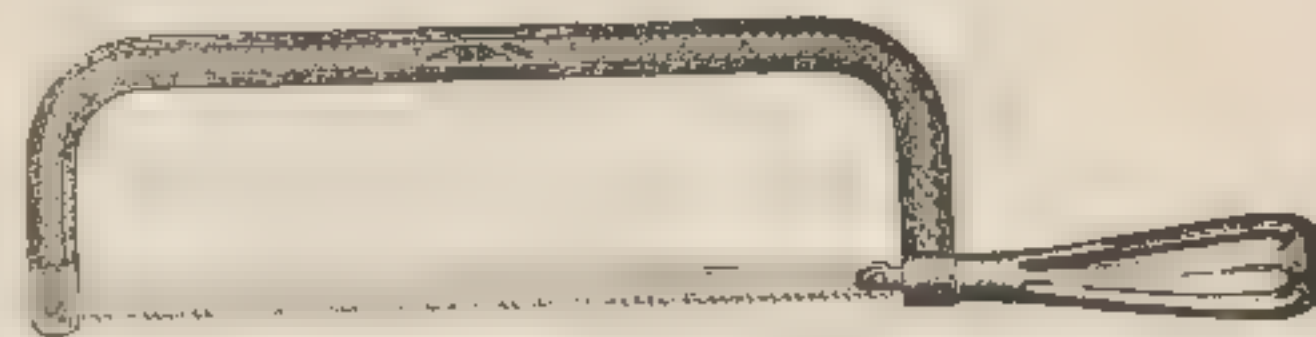
ADJUSTABLE, No. 1.
To take 8in. to 12in. blades.



ADJUSTABLE, No. 2.
To take 8in. to 12in. Blades.



ADJUSTABLE, No. 3.
To take 6in. to 12in. Blades.



EAGLE HACK SAW FRAME. No. 4.
8in., 9in., 10in.

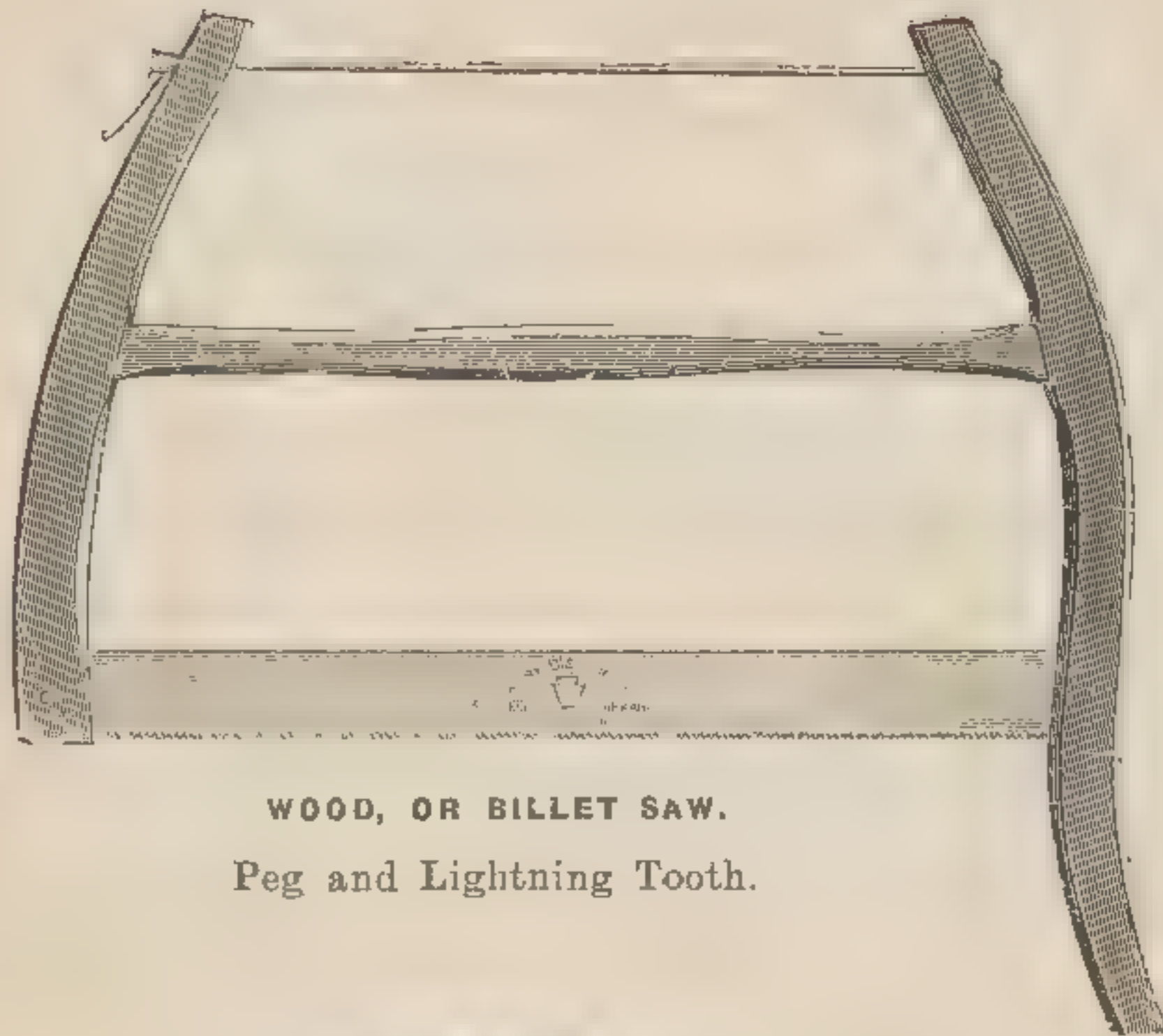


STAR, No. 5.
8, 9 inch.

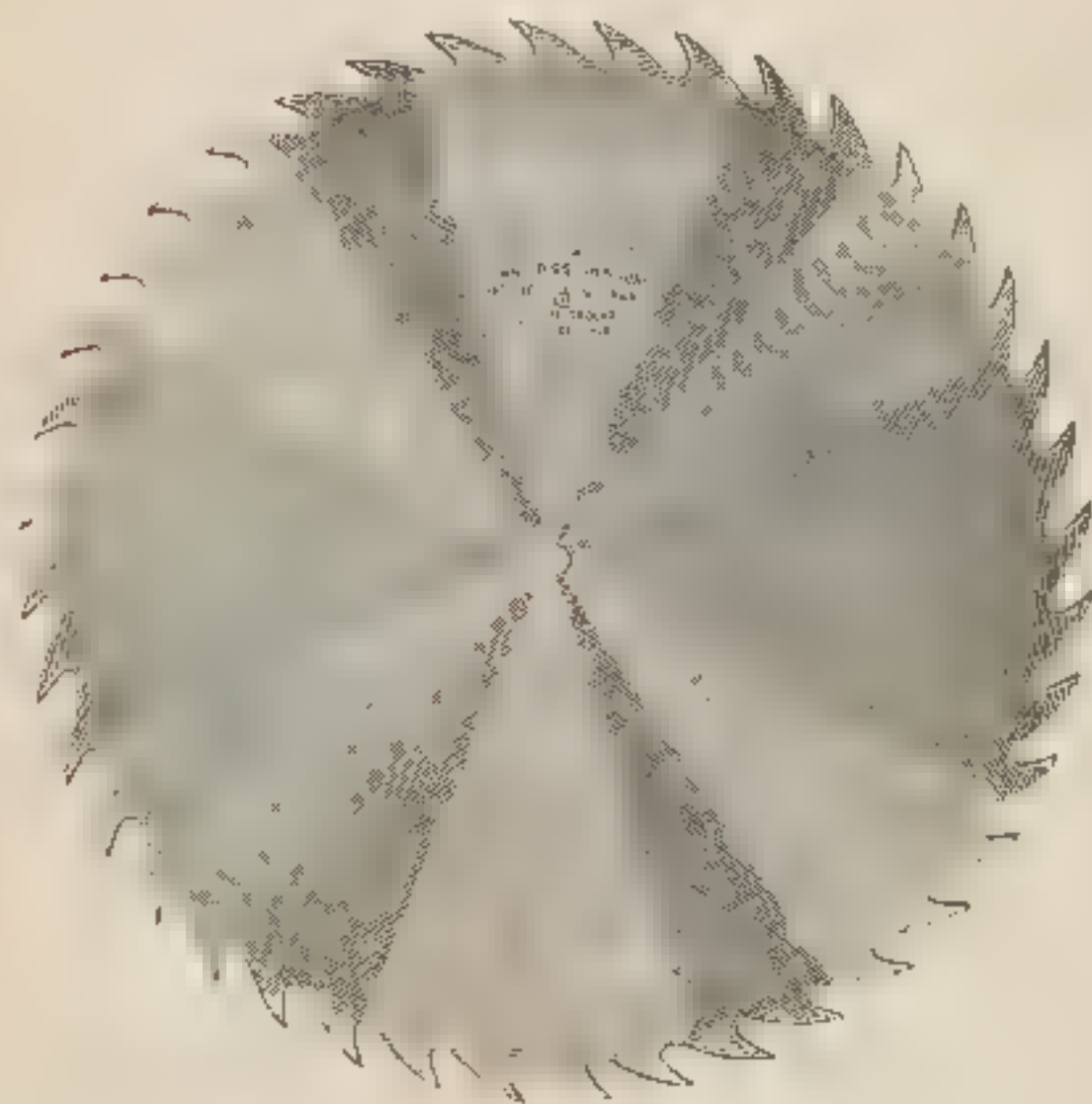
TURNING SAW BLADES, 10, 12, 14, 16 x $\frac{1}{4}$, $\frac{3}{8}$; 18 x $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$; 20 x $\frac{1}{2}$, $\frac{5}{8}$; 24 x $\frac{5}{8}$ inch.

EXTRA BLADES FOR BUTCHERS, NESTS, KEYHOLE, COMPASS, PRUNING HACK, FRET AND PAD SAWS STOCKED. Various Makers. EXTRA SAW SCREWS.

Saws--Continued.

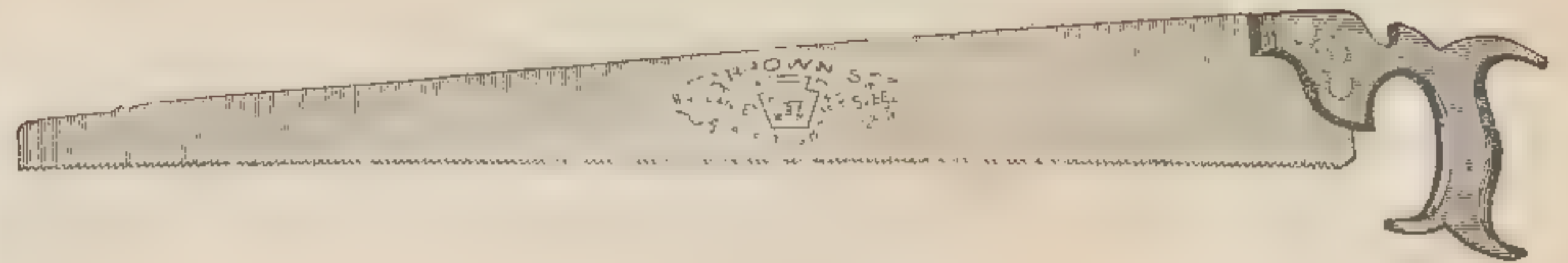


WOOD, OR BILLET SAW.
Peg and Lightning Tooth.

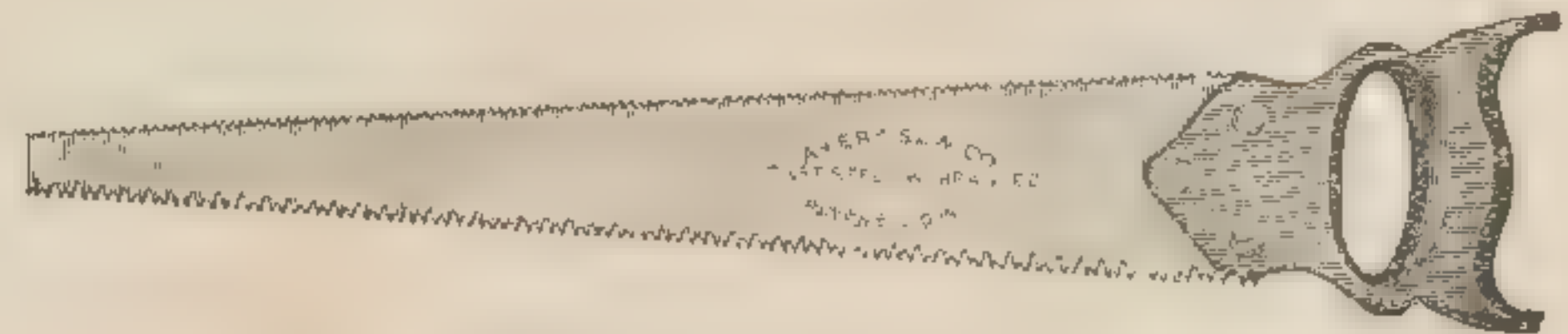


DISSTON'S CIRCULAR SAWS.

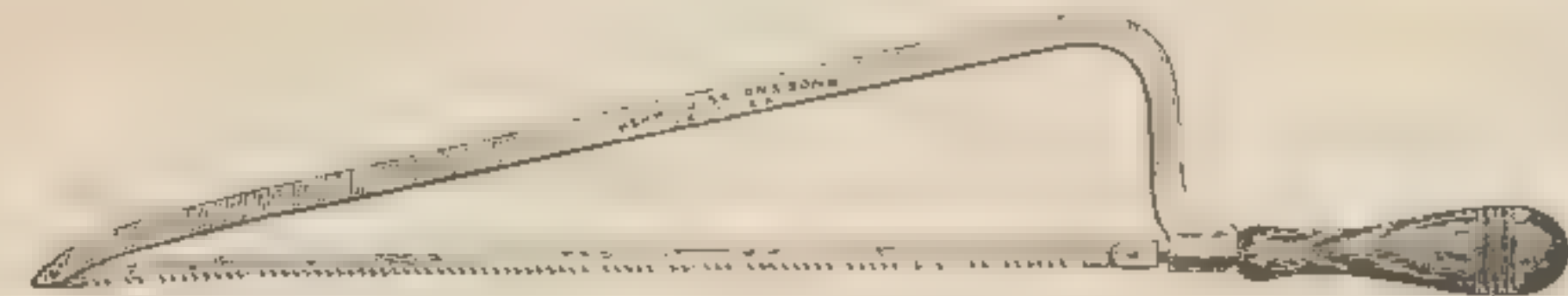
Size ..	18	20	22	24	28	30	32	36	42	48	54in.
Gauge	14	14	13	13	13	12	12	11	10	10	10in.
Teeth	}	1	1 1/8	1 1/8	1 1/2	1 1/2	2	2 1/4	2 1/2	2 1/2	2 1/2in.
Apart											



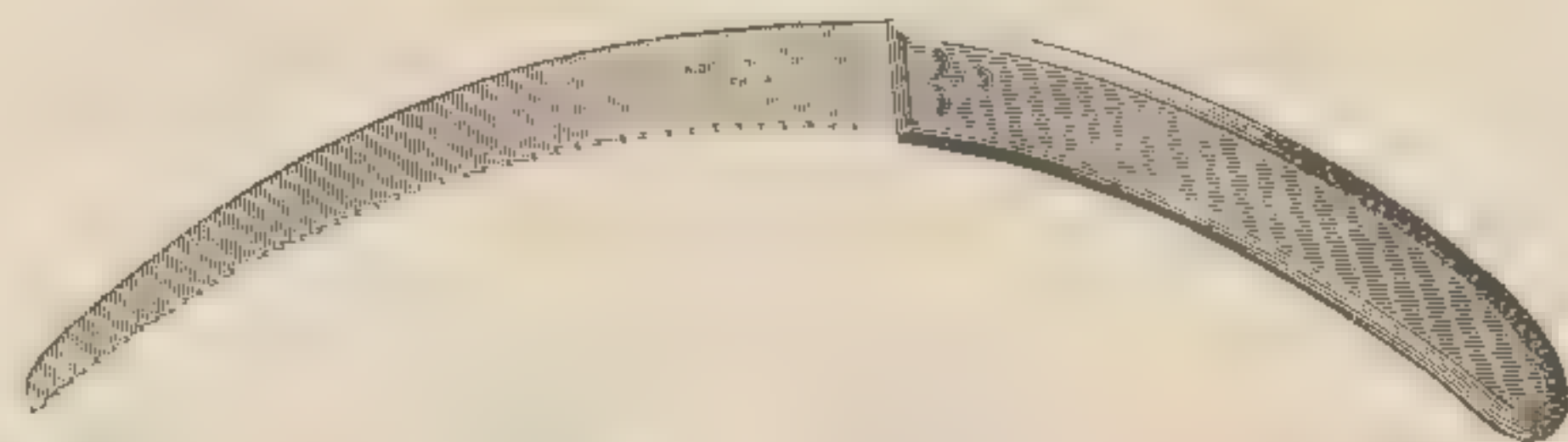
PRUNING SAW, No. 2.
16, 18 inch.



PRUNING SAW, No. 1.



TAPERED PRUNING SAW.

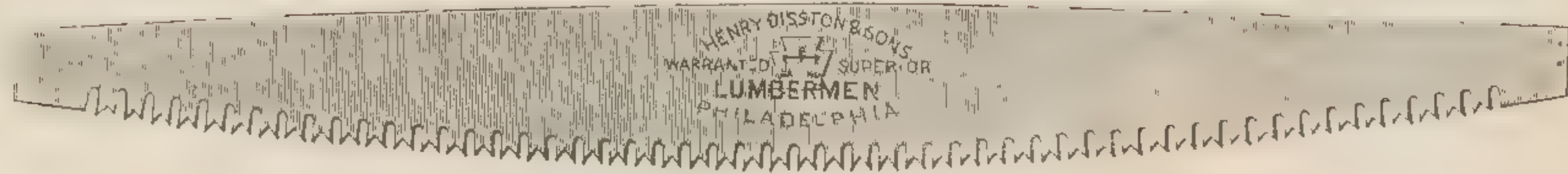
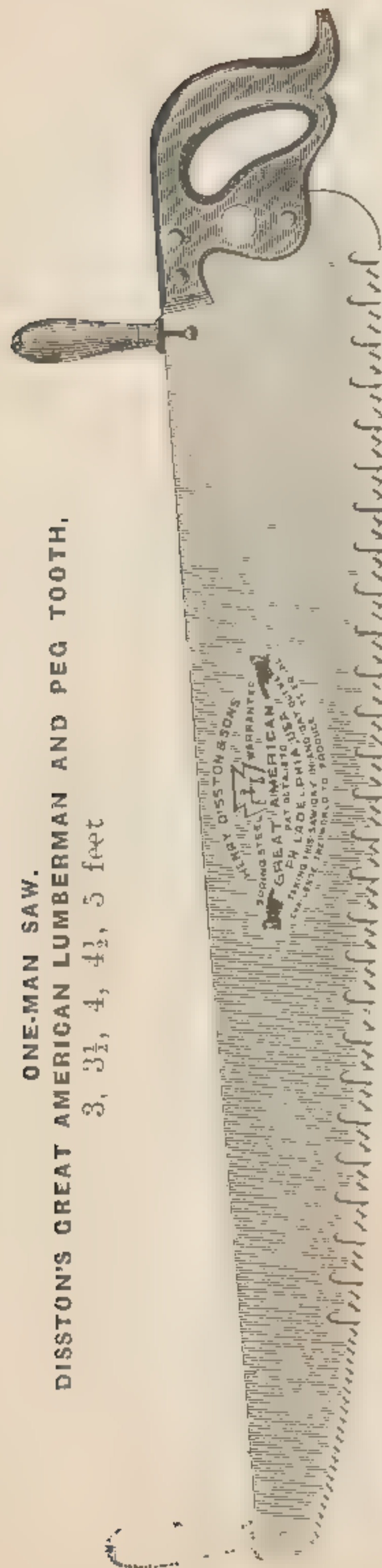


CALIFORNIA PRUNING SAW.



IRON HANDLE KEY-HOLE SAW.

Saws—Continued.



DISSTON'S LUMBERMAN CROSS-CUT SAW, 4, 4½, 5, 5½, 6, 6½, 7 feet.



DISSTON'S SPRING STEEL PEG TOOTH CROSS-CUT SAW, special ground, thin on back, 4, 4½, 5, 5½, 6, 6½, 7 feet.

DISSTON'S CAST STEEL PEG TOOTH CROSS-CUT SAW, 4, 4½, 5, 5½, 6, 6½, 7 feet.

TAYLOR'S " " " 4½, 5, 5½, 6 feet.



DISSTON'S GREAT AMERICAN CROSS-CUT SAW, 4, 4½, 5, 5½, 6, 6½, 7 feet.



ATKINS' TASMANIAN PATTERN CROSS-CUT SAW, 4½, 5, 5½, 6, 6½ feet.

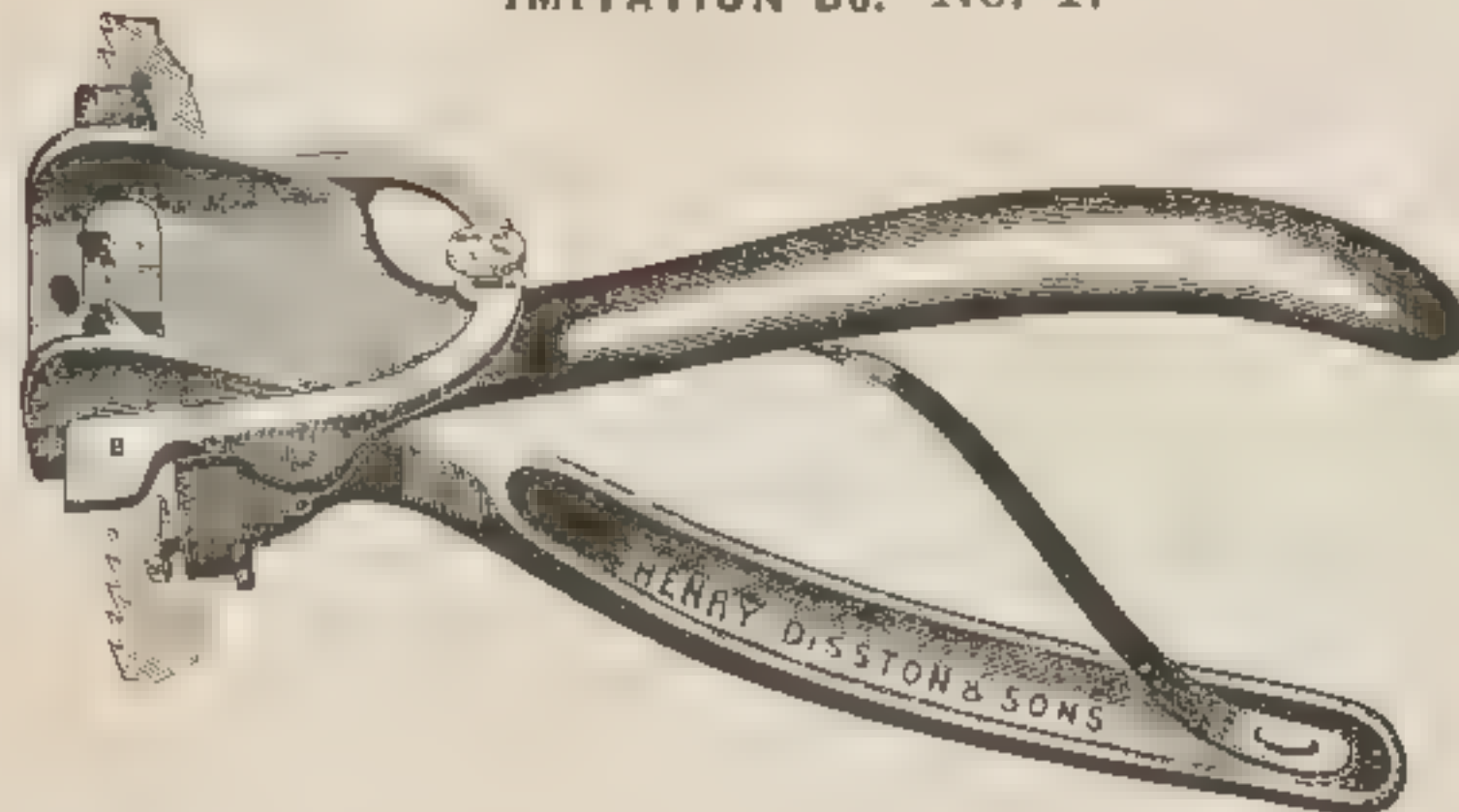


DISSTON'S PIT SAW, 6, 6½, 7 feet.

Saw Sets, Etc.



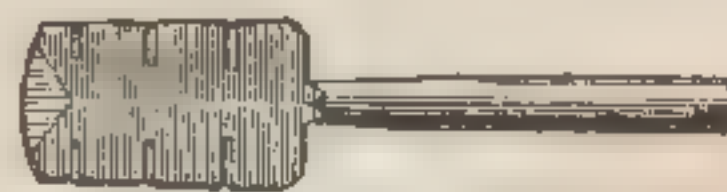
MORRILL'S SAW SET,
Nos. 1, 3, 5.
IMITATION No. 1.



DISSTON'S MONARCH SAW SET
No. 1, Japanned. No. 2, Nickel Plated.



No. 1.



No. 2.



DISSTON'S STAR SAW SET

Hand Saw Sets.



No. 3.

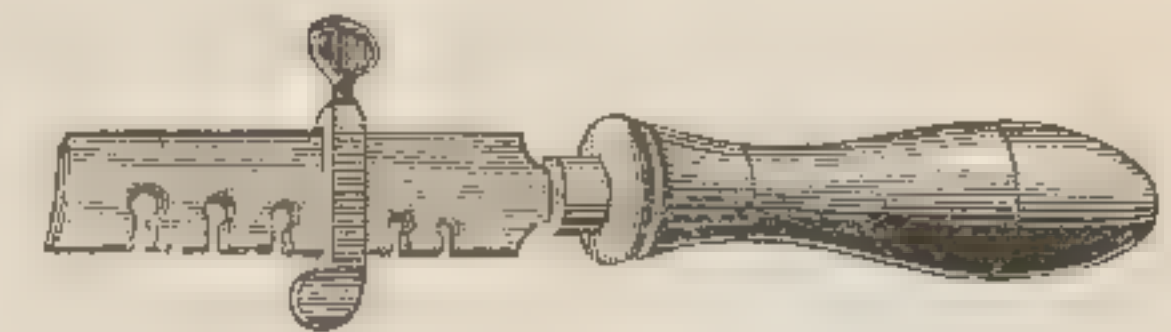
ALSO EXTRA HEAVY FOR CIRCULAR
SAWS.



TRIUMPH SAW SETS.



MORRILL'S SPECIAL.



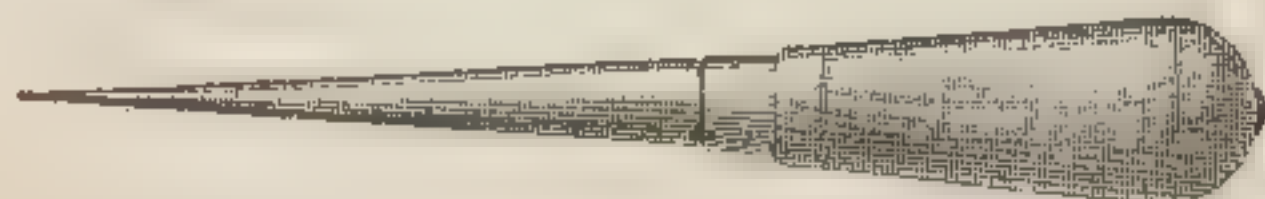
No. 4



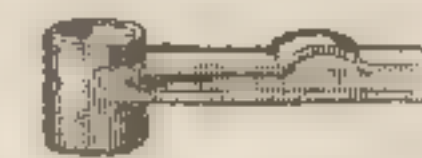
No. 5.



TILLER AND BOX FOR PIT SAW.



SAIL PRICKER.
4in. and 6in.

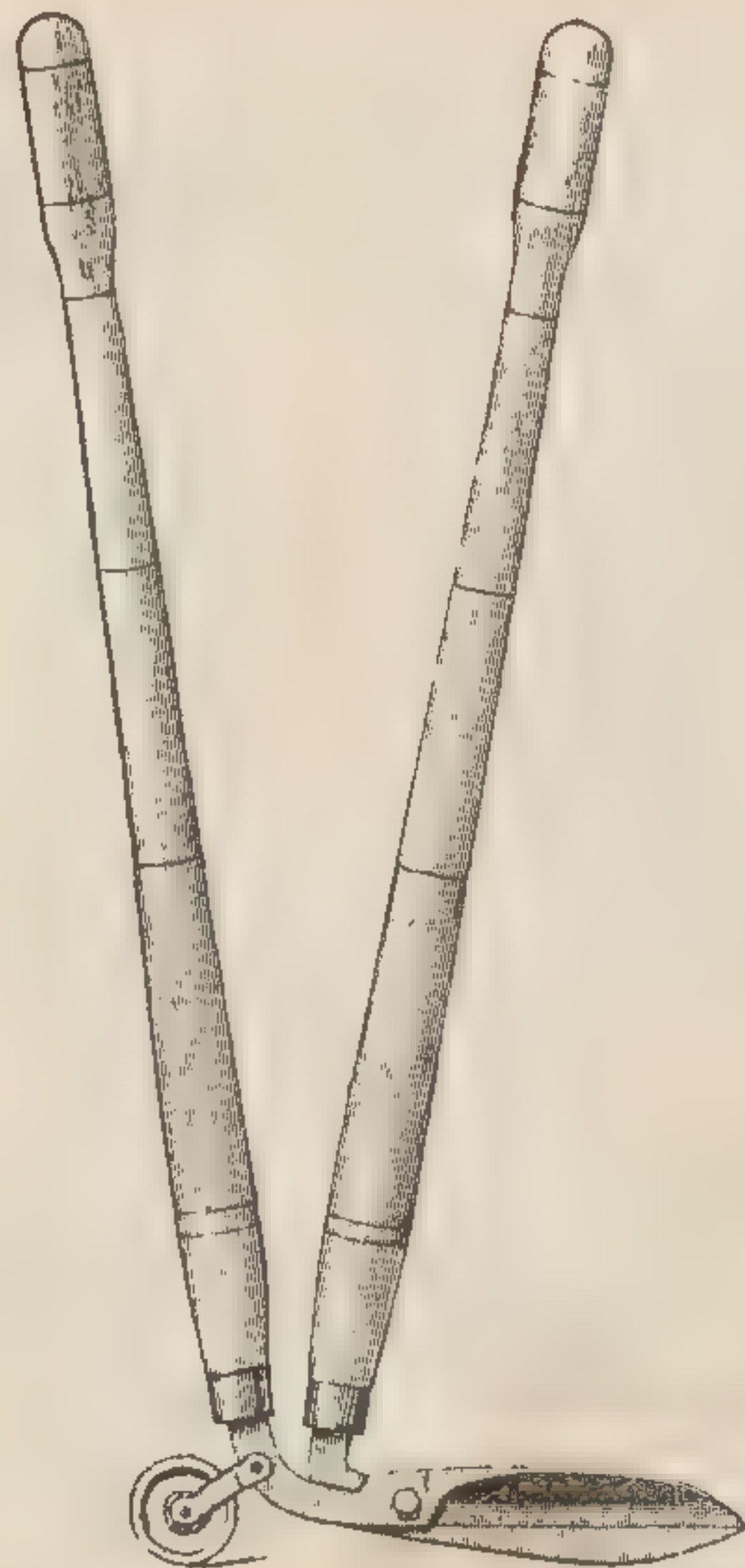


MARLINE SPIKE.
8, 10, 12 inch.

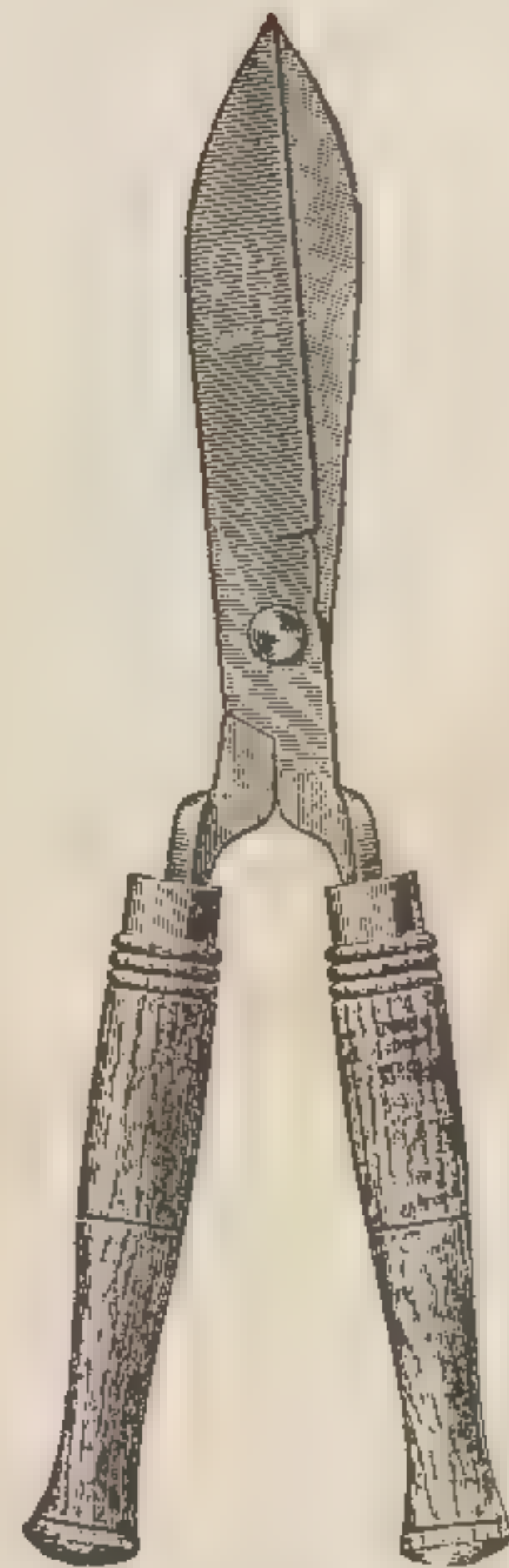
Shears.



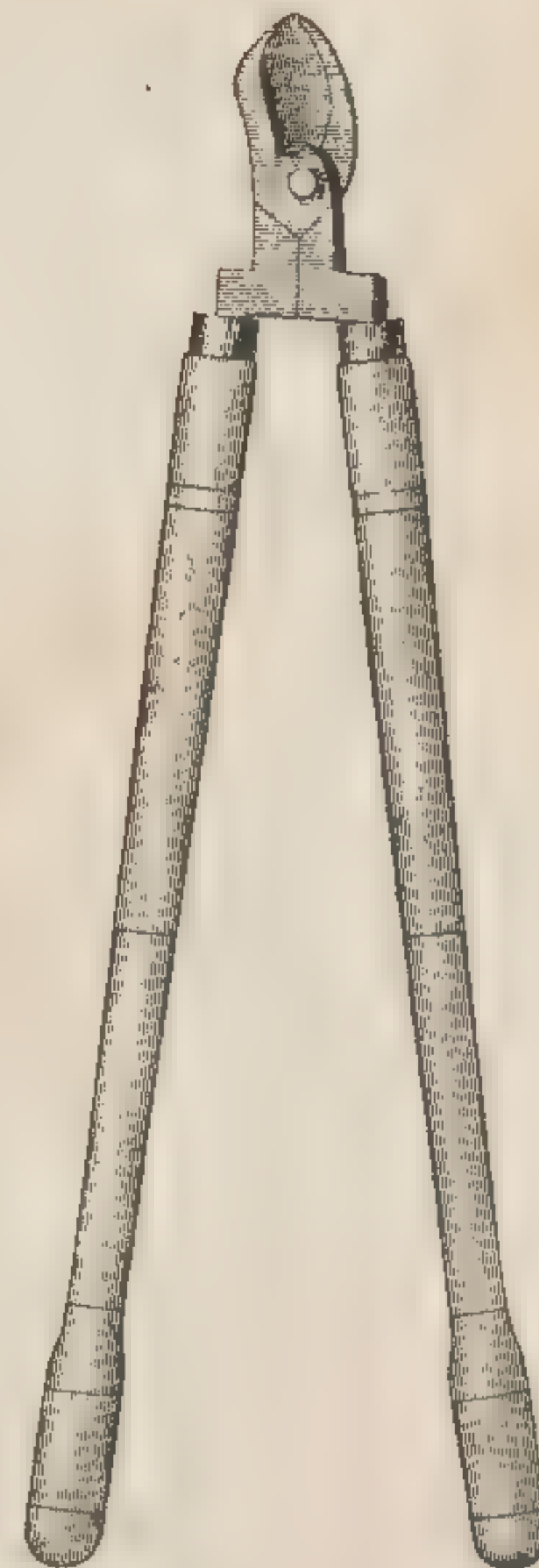
**LONG HANDLE EDGE
SHEARS.**
Flat Cut.



LONG HANDLE EDGE SHEARS.
Side Cut.
With or without wheel, 9½, 10in.



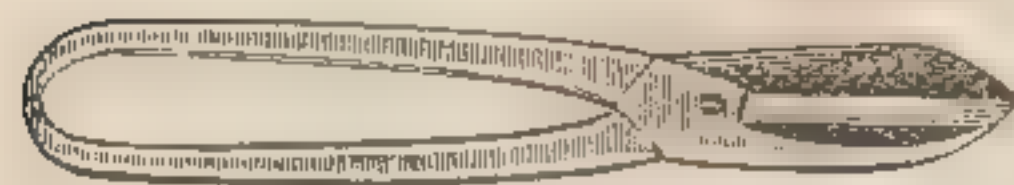
GARDEN SHEARS.
Notched and Plain.
8, 9, 10, 12in.



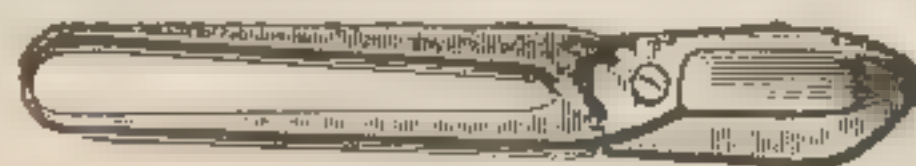
BRANCH OR LOPPING SHEARS.
Nos. 1, 2, 3, 4.



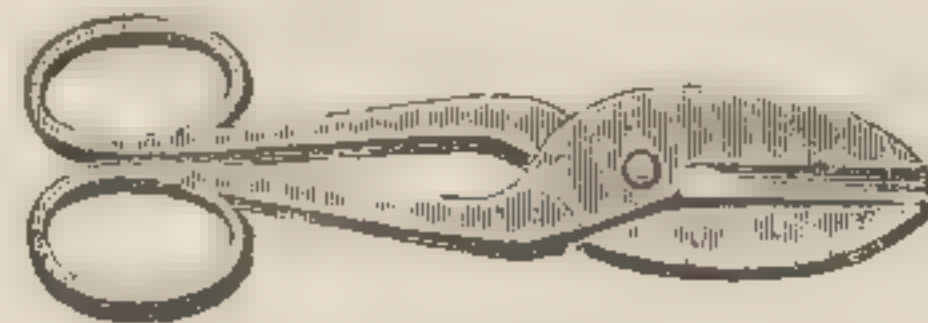
TREE PRUNERS.
6, 8, 10 feet.



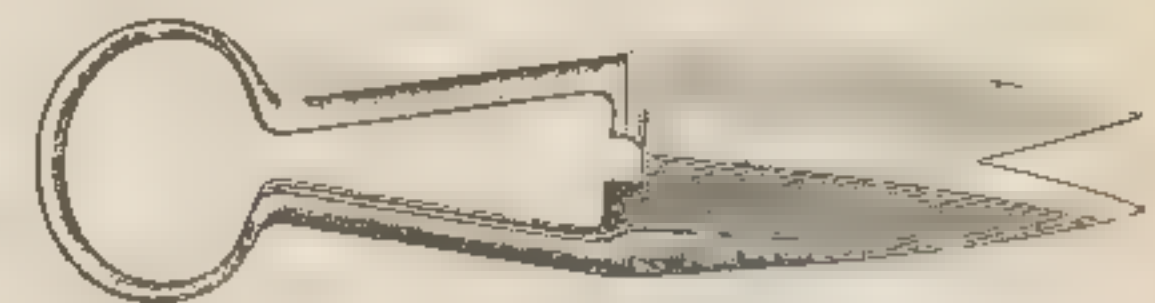
STRAIGHT SNIPS.
RAMSBOTHAM'S, WARD & PAYNE'S.
MATHIESON'S, JOHNSTONE'S, AND GAMBIA.
6, 8, 9, 10, 11, 12, 14in.



BENT SNIPS.
RAMSBOTHAM'S,
MATHIESON'S, JOHNSTONE'S, AND GAMBIA.
8, 9, 10 12in.



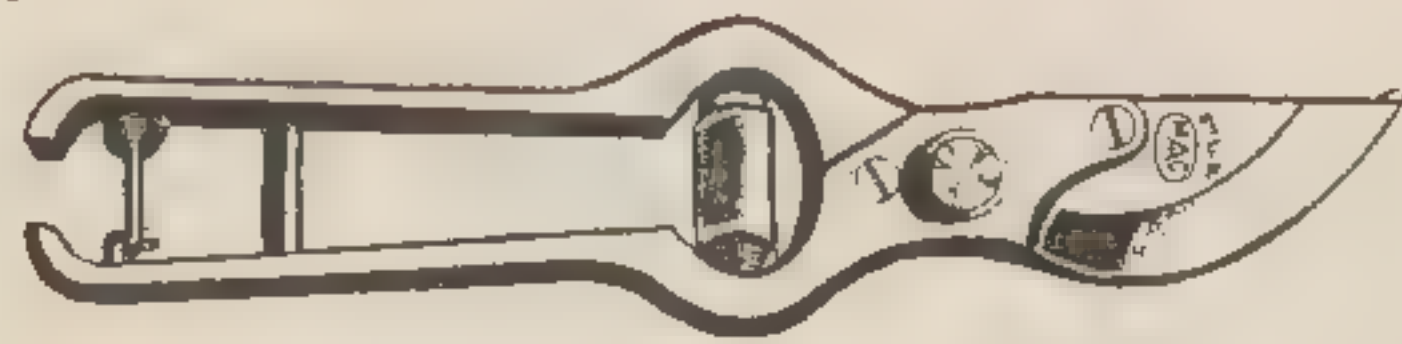
**SCOTCH PATTERN
SNIPS.**
Wynn's 12in.



GARDEN SHEARS.
GERMAN AND ENGLISH.

B.B.A. AND T.U.S. SHEEP SHEARS, ALSO LEFT HAND SHEARS, LAMB AND DAGGING SHEARS.

Seccateurs, Etc.



No. A. 8½in. and 9½in.



No. B. 8½in., 9½in., 10½in.
FRENCH.



No. C. 8½in. and 9½in.



No. D. GRAPE SCISSORS 7½in.



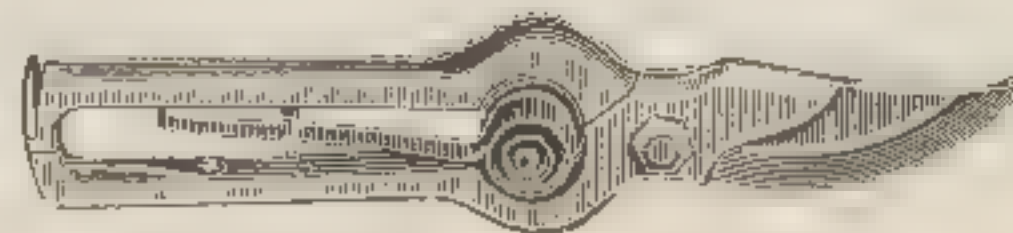
No. E. 8 to 10in.
GERMAN.



No. F. 8 to 10in.



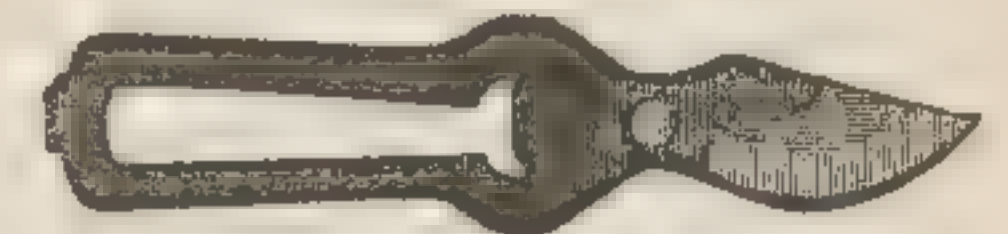
No. G.
FOOT ROT SHEARS. 8in., 8½in., 9in.



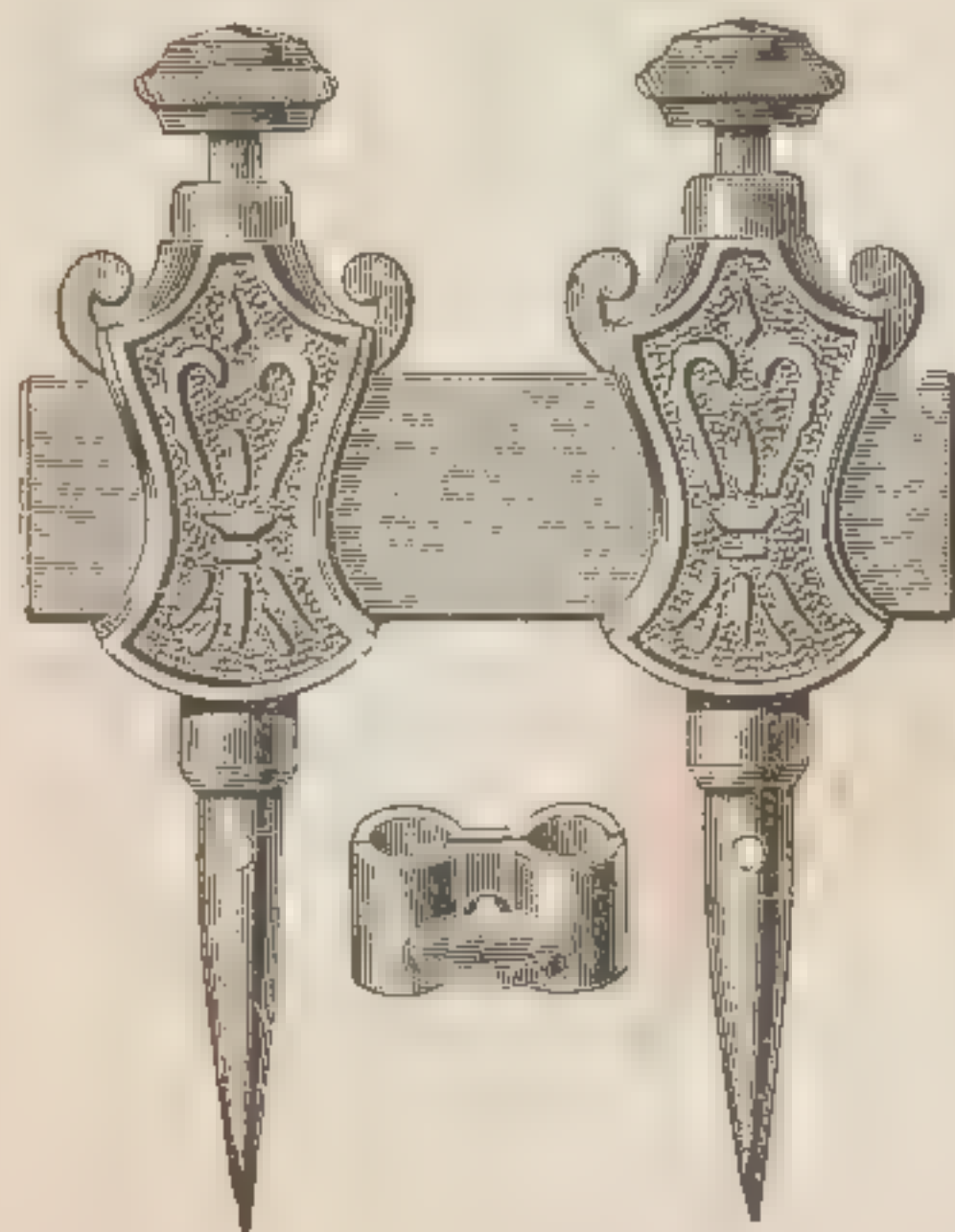
No. H. 8in. to 10in.



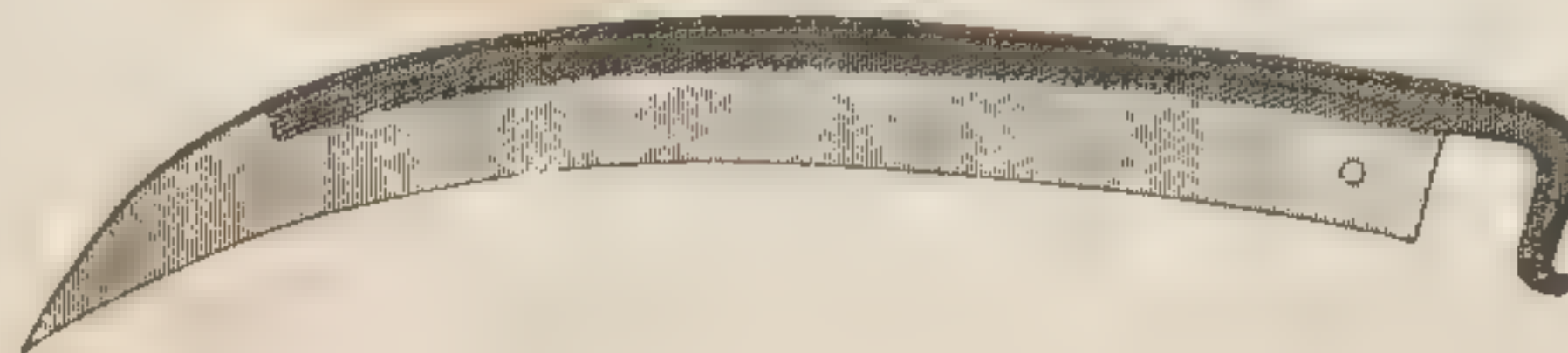
No. J. 8in. to 10in.
GERMAN.



No. K. 8in., 8½in., 9in.



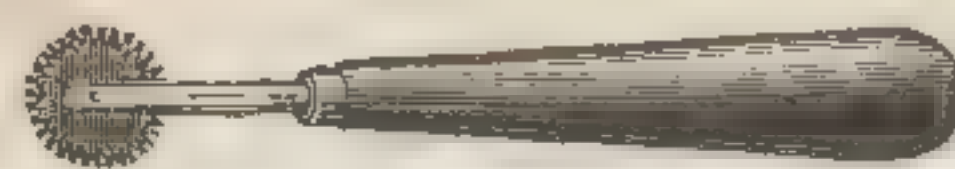
TRAMMEL HEADS.



B.Y. PATENT SCYTHE BLADE, 34, 36, 38, 40, B.Y. CROWN do
B.Y. BRAMBLE SCYTHE BLADE, 22, 24, 26, 28, 30 inch.
TYSACK'S PATENT, 34 and 36.
RED RAZOR SCYTHE BLADES, 36 inch.



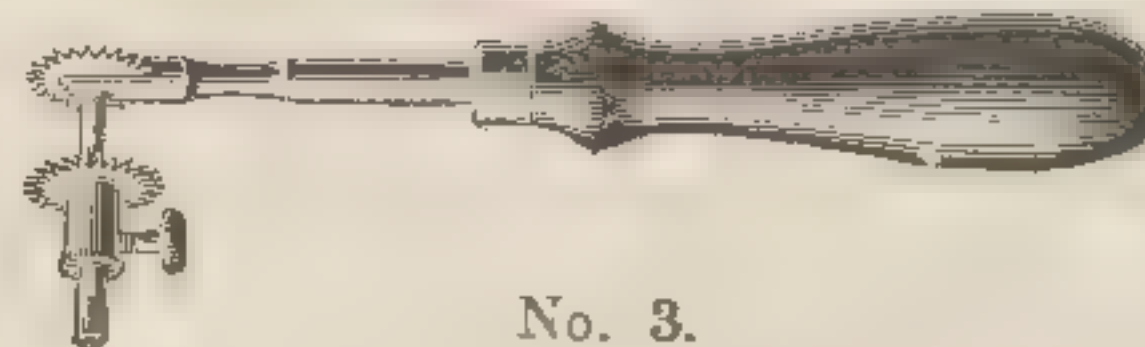
BENCH STOP No. 1.



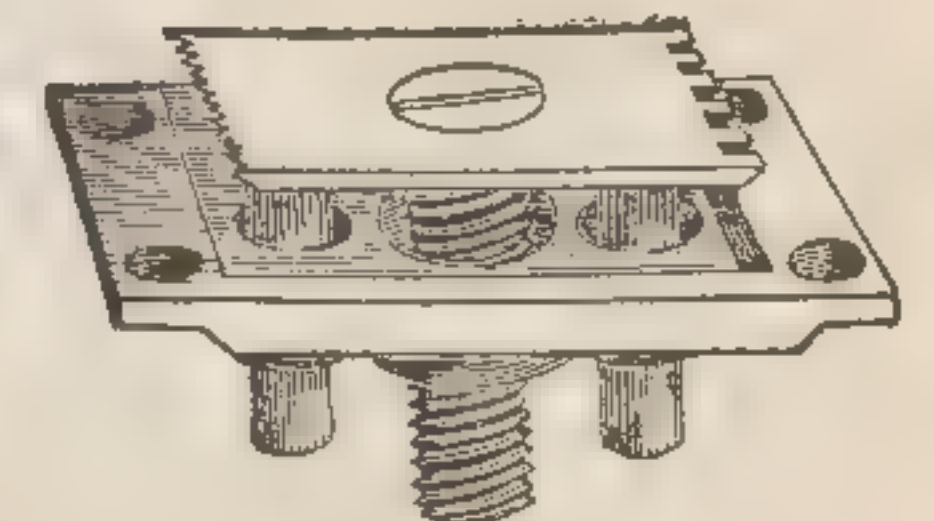
No. 1.



No. 2.



No. 3.
TRACING WHEELS.

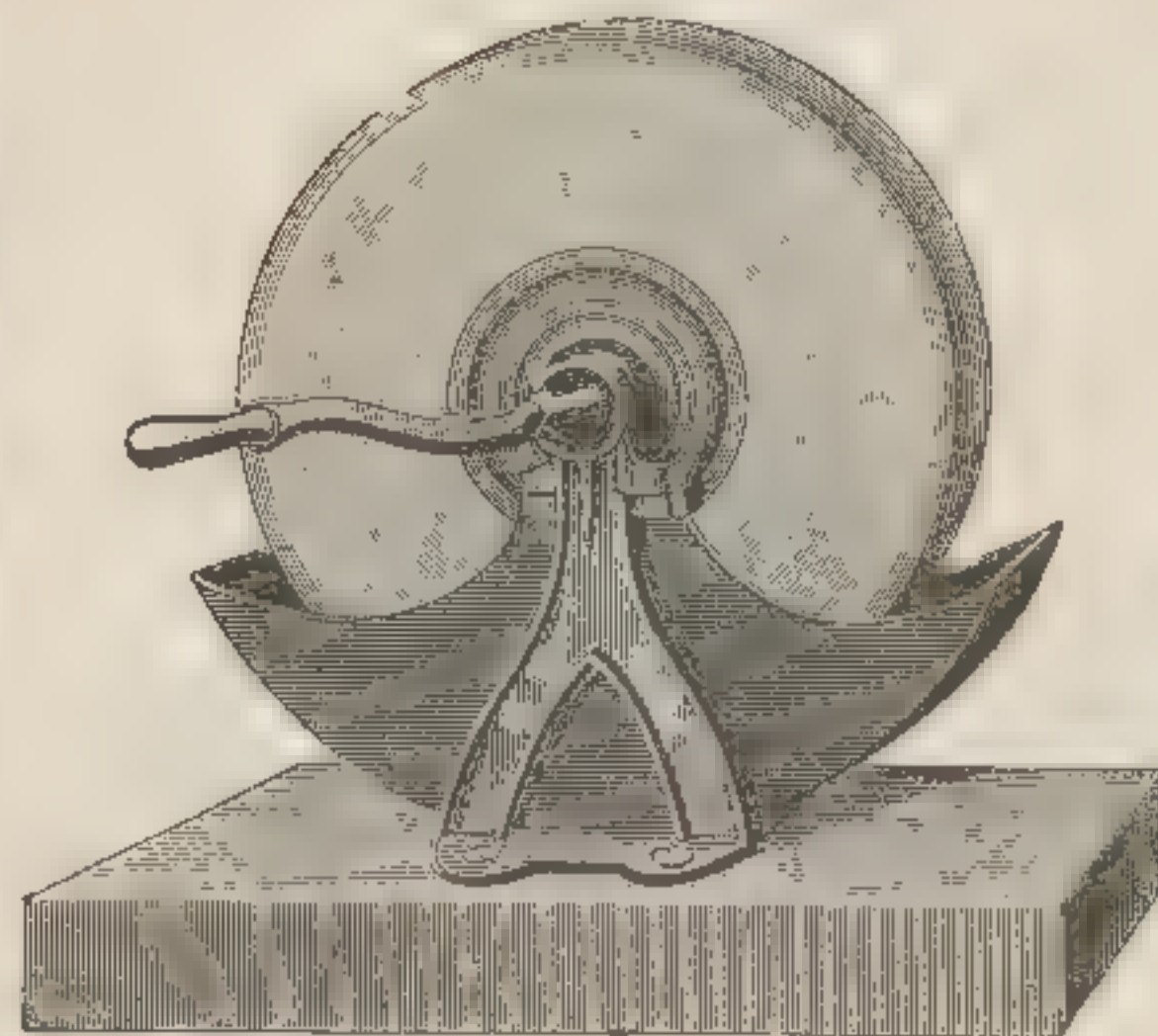


MORRILL'S BENCH STOP.

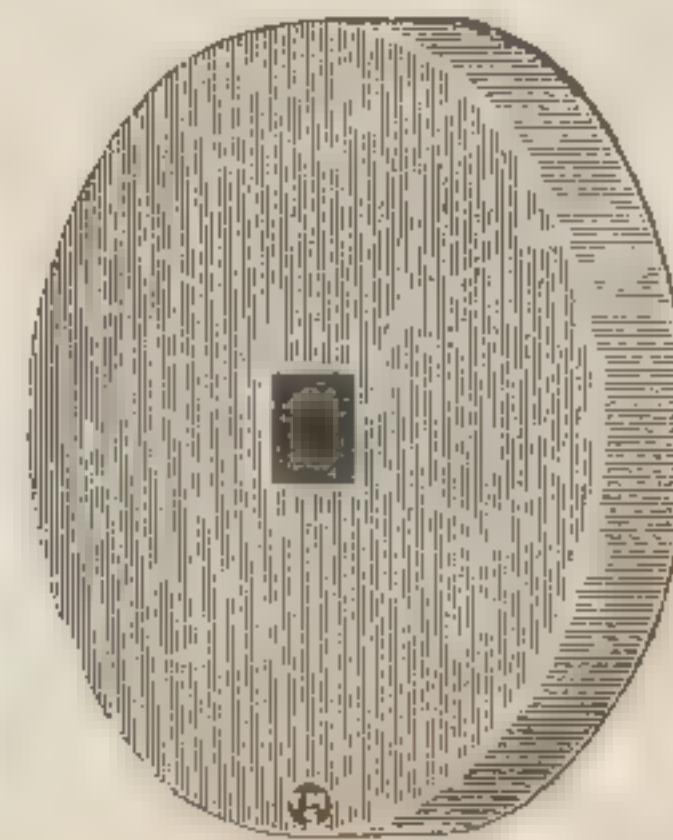
Screws and Stones.



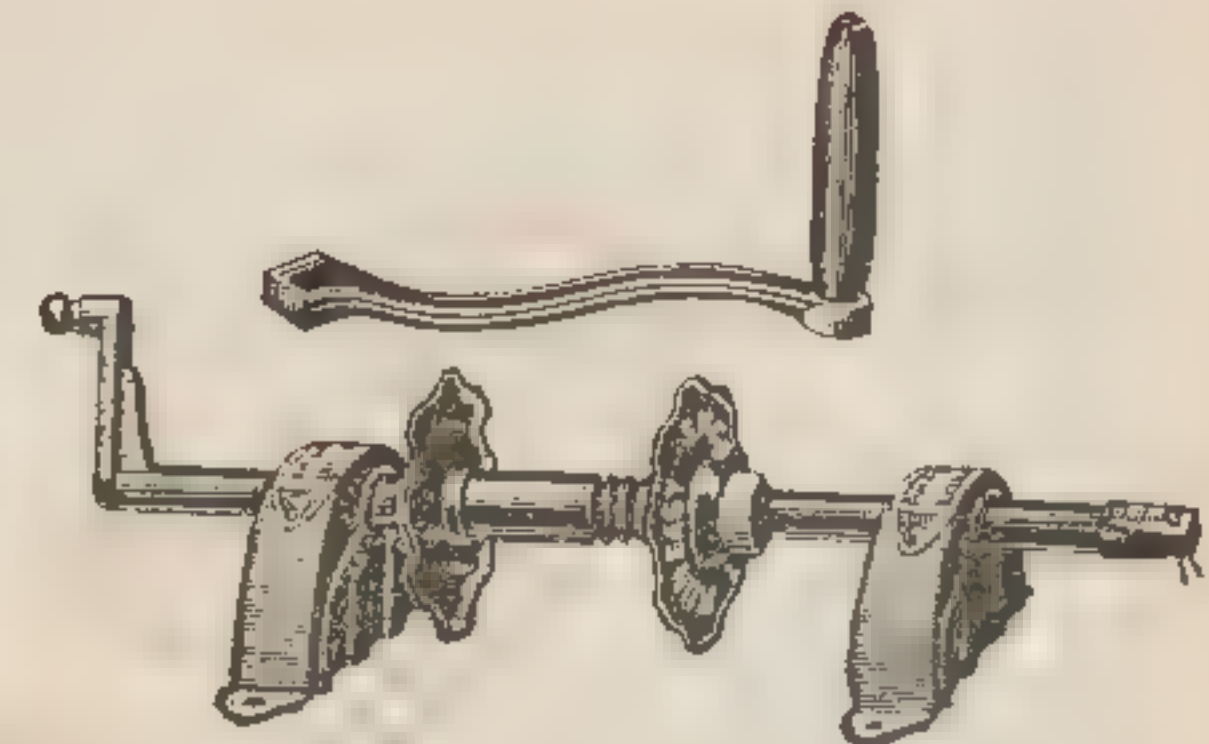
EMERY WHEEL, 6in. to 18in.
Square, Round and Bevelled Face.
CARBORUNDUM WHEELS, All sizes,
from 6 x 1/2 to 12 x 1, Square,
Round and Bevelled Face.



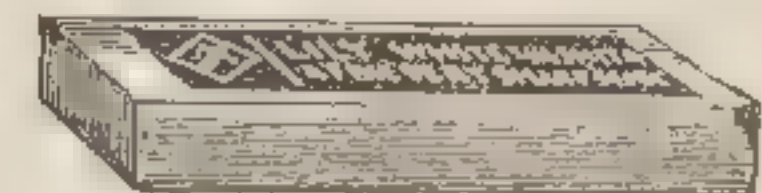
FAMILY GRINDSTONES,
in iron troughs, 6, 8, 10, 12in.



GRINDSTONE,
10 to 60 in.



GRINDSTONE MOUNTS,
Nos. 15, 17, 21, 41.



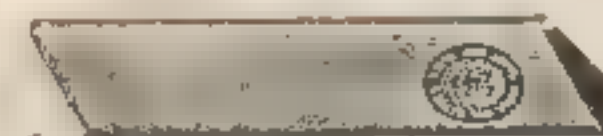
WASHITA, LILYWHITE,
Nos. 1, 2.
BEST TURKEY,
DEERLICK, ARKANSAS, and
HINDOOSTAN STONES.



MOUNTED WASHITA, TURKEY,
AND DEERLICK STONES.
6in., 7in., 9in.



SCYTHE STONES, Round and Square.
Also, **INDIA POND, AND RAG STONES.**



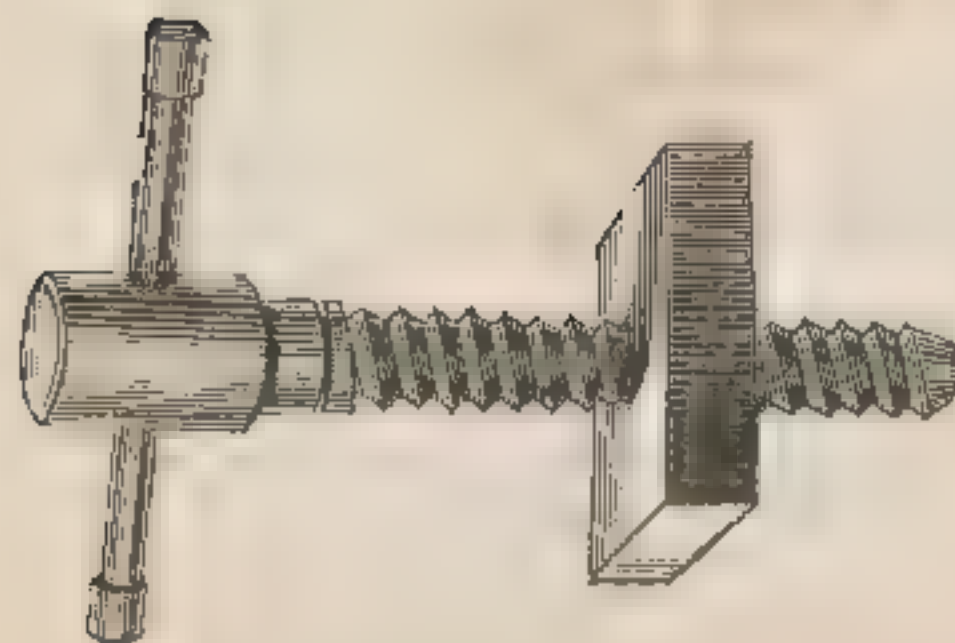
WASHITA, TURKEY, DEERLICK
AND INDIA SLIPS.



EMERY STONE.
EMERY STRICKLES.

India Stones.

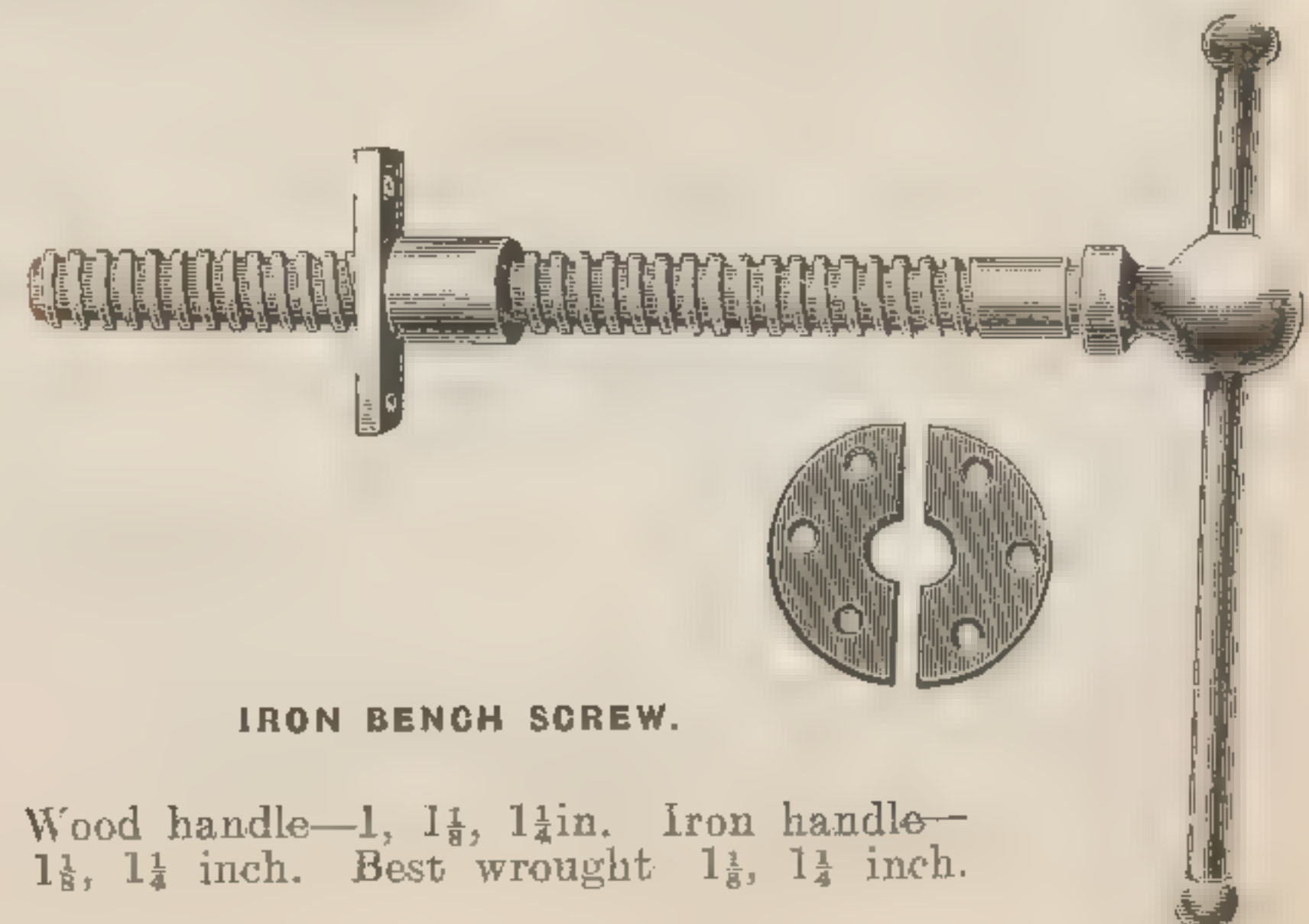
No. 0, 8 x 2 x 1in.
No. 1, 7 x 2 x 1in.
No. 1 1/2, 8 x 1 1/2 x 1 1/2in.



WOOD BENCH SCREW, 2 1/2in.



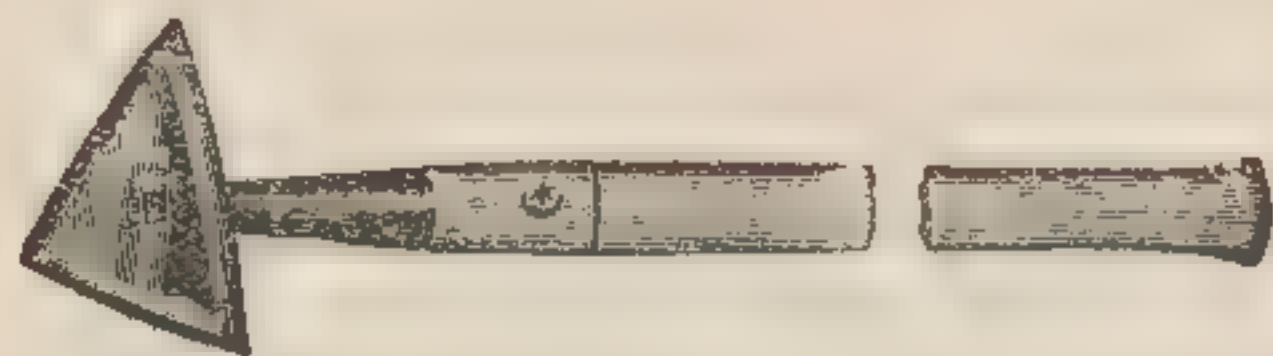
WOOD HAND SCREW,
8in. and 10in.



IRON BENCH SCREW.

Wood handle—1, 1 1/8, 1 1/2in. Iron handle—
1 1/8, 1 1/4 inch. Best wrought 1 1/8, 1 1/4 inch.

Scrapers and Pincers, Etc.



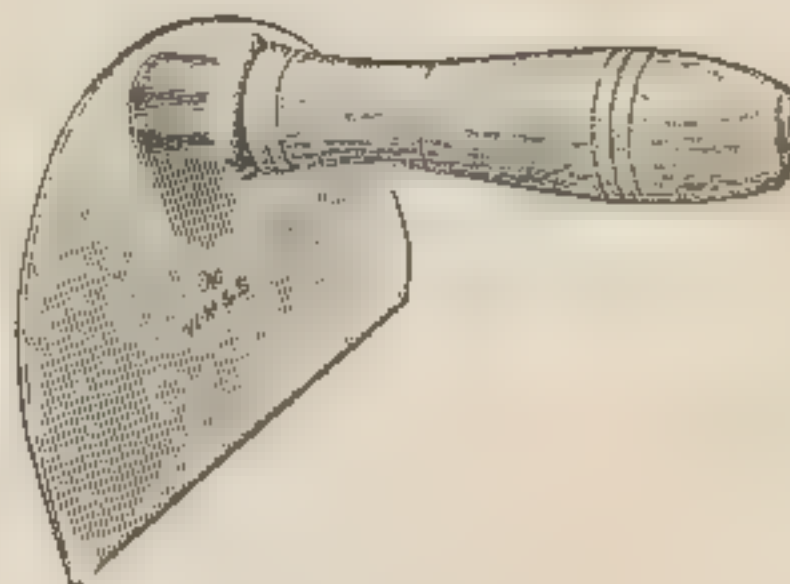
SHIP SCRAPER, $4\frac{1}{2}$ and 5in.



ADJUSTABLE BOX SCRAPER.



PIG SCRAPER.



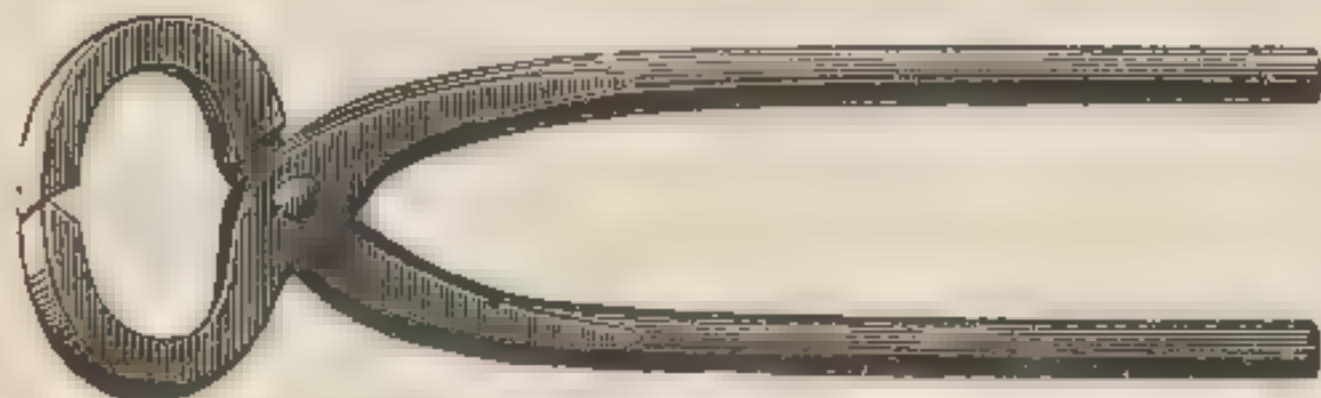
DOUGH SCRAPER.



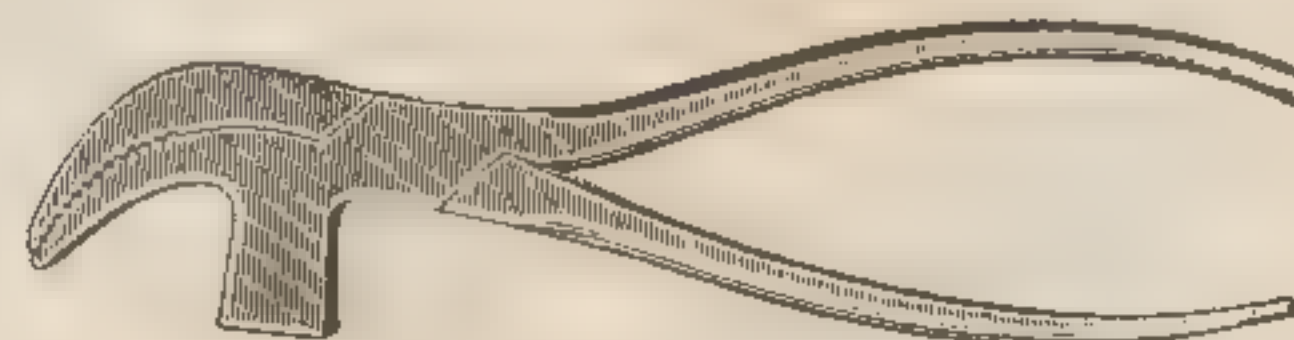
CABINET SCRAPER.
 $4\frac{1}{2}$ in. and 6in.
Also handled.



BOX SCRAPER.



FARRIER'S PINCERS.
10in., 11in., 12in.



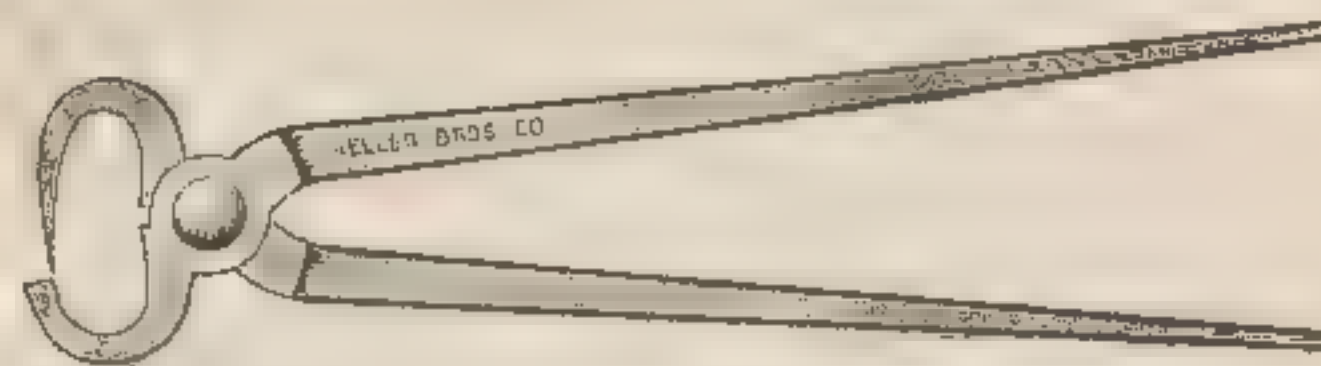
SHOEMAKER'S PINCERS.
7in. and $7\frac{1}{2}$ in.



TOWER PINCERS.
6, 7, 8, 9, 10in.



HELLER'S FARRIER'S PINCERS.
12in. and 14in.



HELLER'S HOOF PARERS.
12in. and 14in.



AMERICAN FARRIER'S PINCERS.
12in. and 14in.



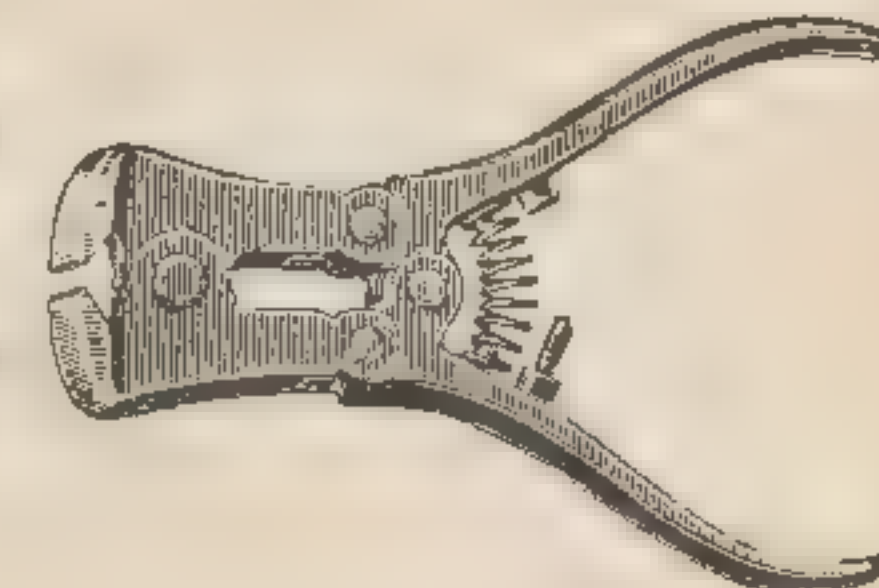
BERNARD'S CUTTING NIPPERS.
7in.



SIDE CUTTING NIPPERS.
5in.



CUTTING NIPPERS,
5, 6, 7 inch.



LEVER CUTTING NIPPERS,
6, 7, 8in.

Spokeshaves, Etc.



STANLEY'S UNIVERSAL SPOKESHAVE.



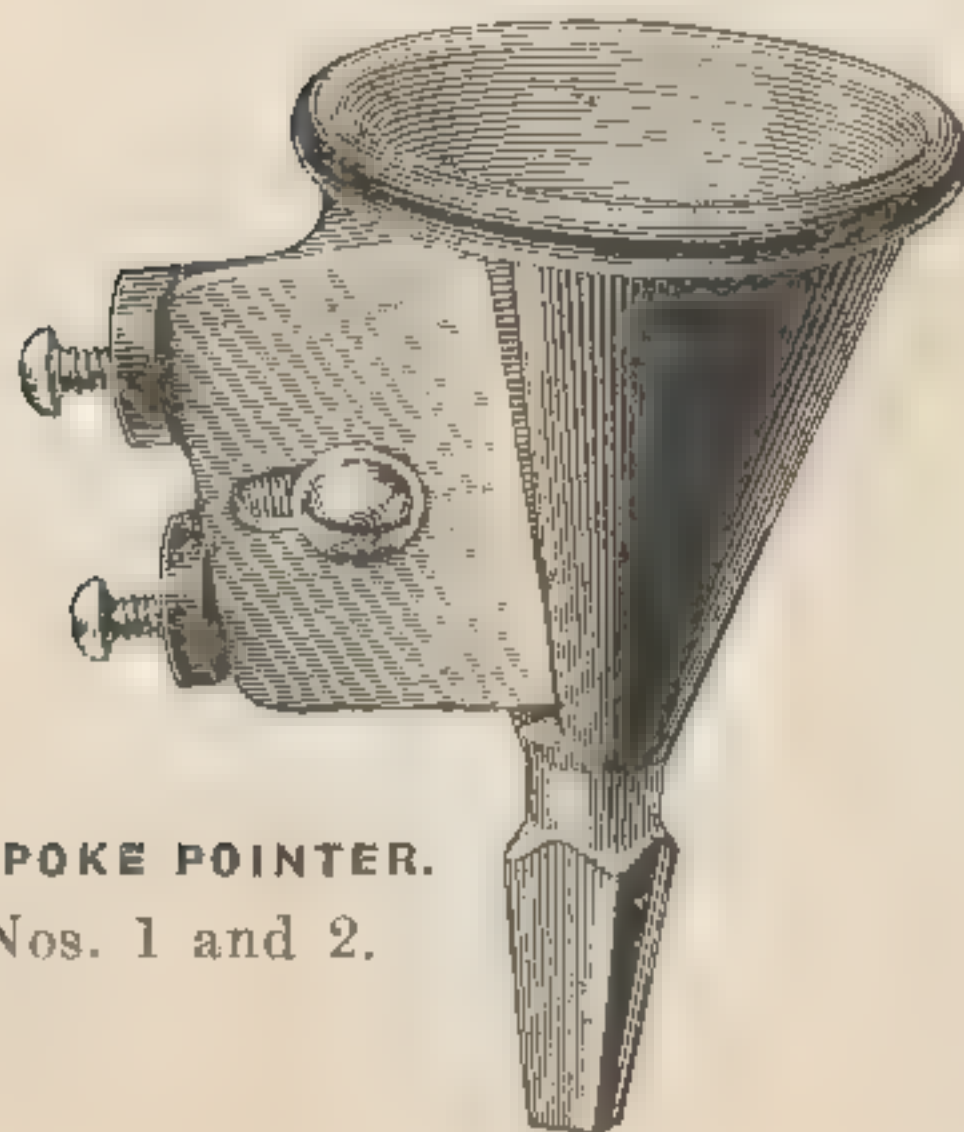
PLATED BEECH, with SCREW— $2\frac{1}{2}$, 3, $3\frac{1}{2}$ inch.
PLATED BOX— " " " " "



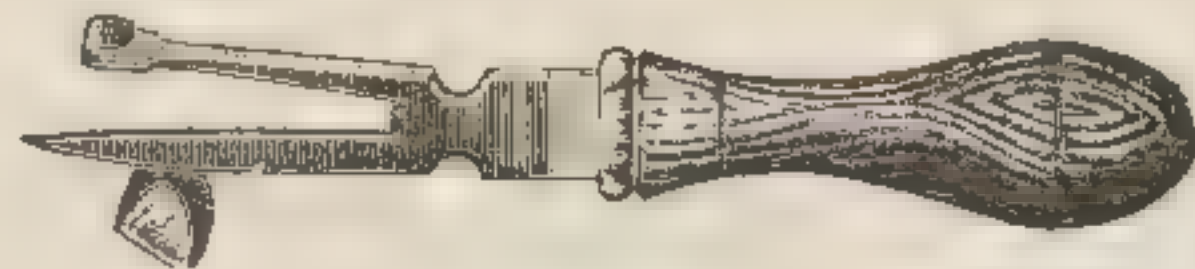
PLAIN SPOKESHAVE.
PLAIN BEECH—2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, $3\frac{3}{4}$, 4 inch.
PLAIN BOX— $1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, $3\frac{3}{4}$, 4 inch.



PLATED SPOKESHAVE.
PLATED BEECH— $2\frac{1}{2}$, $2\frac{3}{4}$, 3, $3\frac{1}{2}$ inch.
PLATED BOX— " " " " "



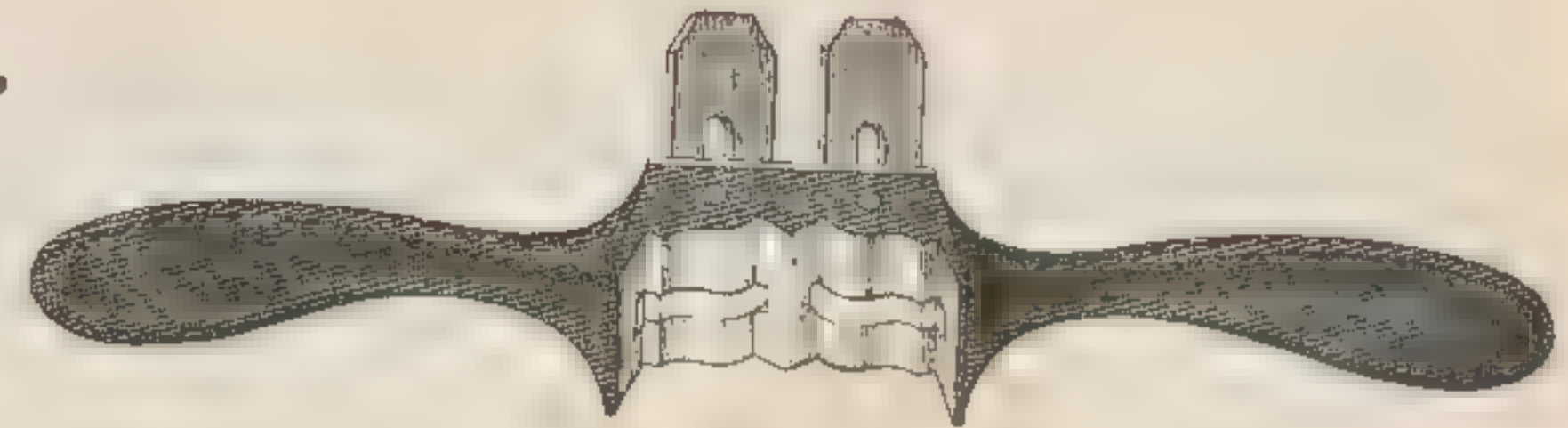
SPOKE POINTER.
Nos. 1 and 2.



TIMBER SCRIBE.



GASFITTERS' COMBINATION SET.



LAMB TONGUE ROUTERS. $\frac{1}{2}$ and $\frac{3}{4}$ inch
OVAL $\frac{1}{2}$ and $\frac{3}{4}$ inch



STANLEY'S UNIVERSAL HAND BEADER.
No. 66, Nickel-plated, with 7 cutters.



STANLEY'S IRON SPOKESHAVE.
No. 51, $2\frac{1}{2}$ inch cutter.



No. 52, 2 $\frac{1}{2}$ in. cutter.

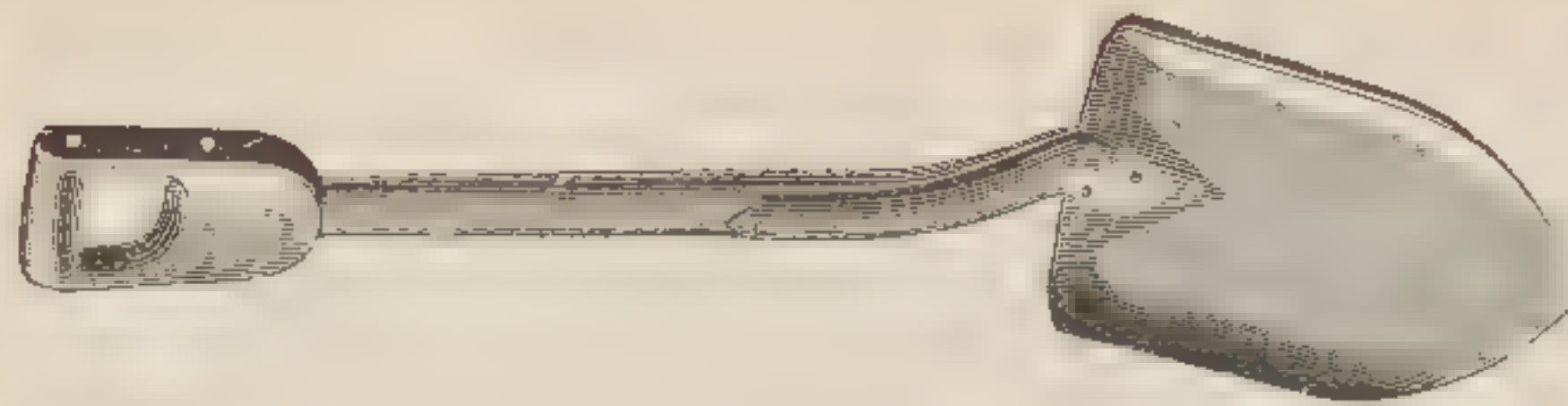


No. 64, 1 $\frac{1}{2}$ in. cutter.



STANLEY'S DOUBLE IRON SPOKESHAVE
(Hollow and Straight).
No. 60, $1\frac{1}{2}$ inch cutters.

Shovels.



AME'S L. H. R. P., Nos. 2, 3.
 „ L. H. S. M., „ 2, 3.
 „ D. H. R. P., 36 in., Nos. 2.
 HOBART'S L. H. R. P., Nos. 2, 3.
 „ L. H. S. M., „ 2, 3.
 „ D. H. R. P., 30 to 36 in., No. 2.
 „ D. H. S. M., 36 in., No. 2.
 NAYLOR'S L. H. R. P., Nos. 2, 3.
 „ L. H. S. M., No. 2.
 „ D. H. R. P., 30 to 36 in., No. 2.
 „ D. H. S. M., 36 in., No. 2.
 „ D. H. S. M. d. smooth back mortar
 Also Cheap English
 D. H. S. M., Nos. 0 to 6.

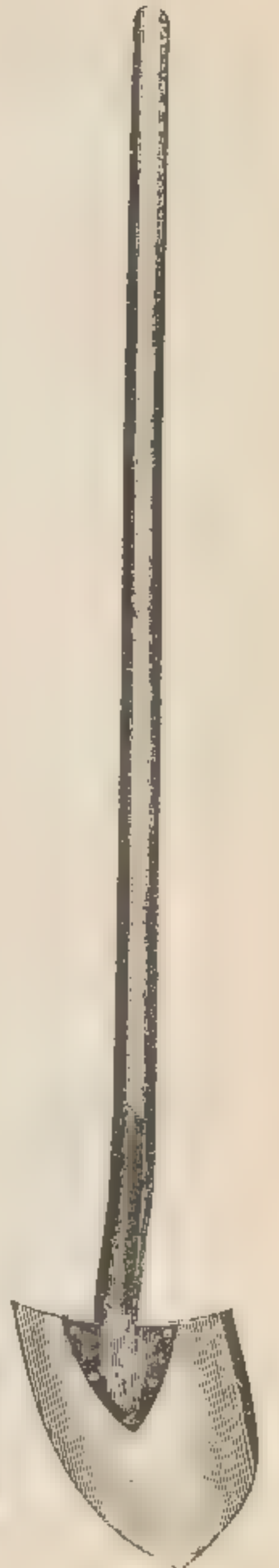
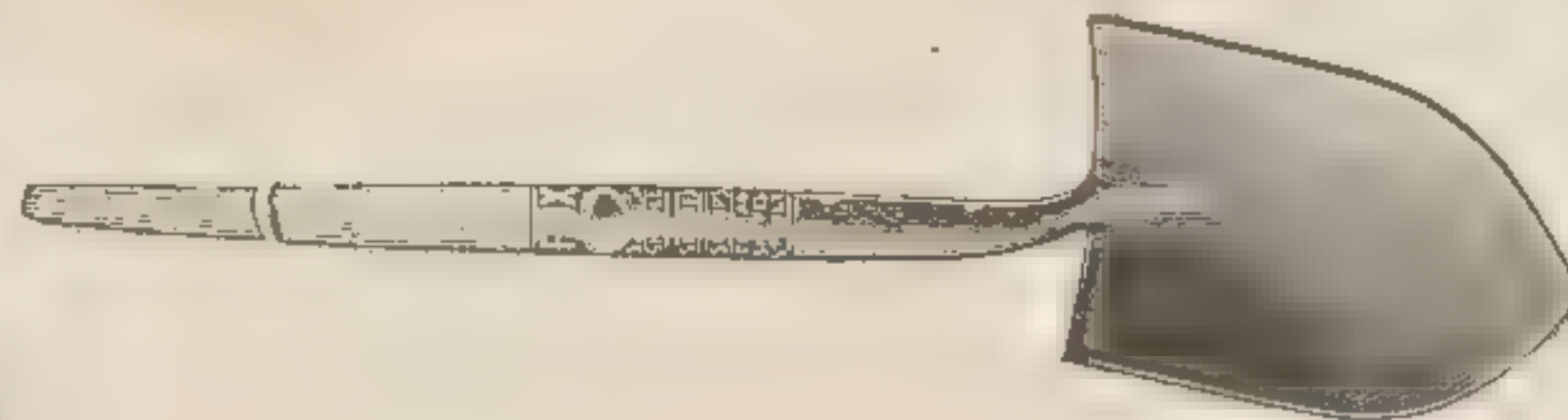
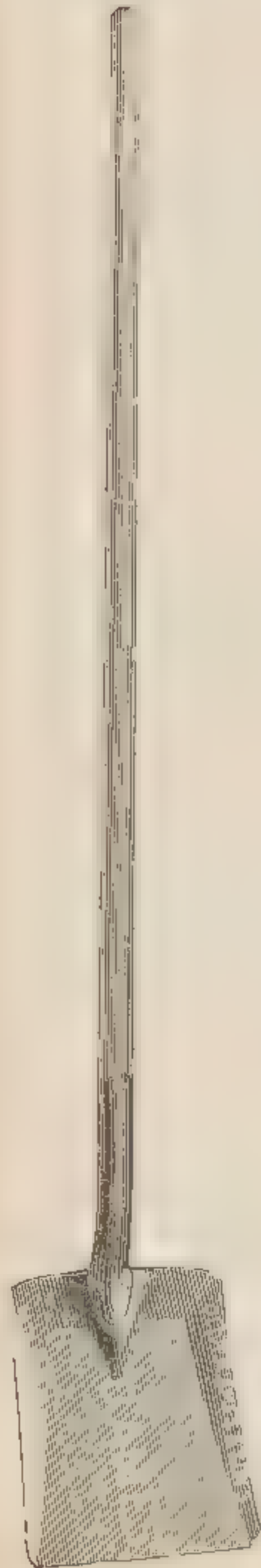
„STAR“ L. H. R. P., No. 2.
 „ D. H. R. P., 30 to 36 in., No. 2
 PARKES' T. H. R. P., No. 614, 4, 5, 6.
 „ D. H. R. P., No. 614, 4, 5, 6.
 „ L. H. R. P., No. 614, 2, 3, 4, 5.
 „ D. H. S. M., No. 612, 4, 5, 6, 7, 8.
 SIDAWAY'S D. H. S. M., Nos. 000, 00, 0.
 SKELTON'S D. H. R. P., Nos. 4, 5.
 „ D. H. S. M., Nos. 4, 5, 6.
 „ T. H. R. P., Nos. 4, 5.
 COAL TRIMMERS', Nos. 6, 7, 8.
 HARDY PICK CO. T. H. R. P., 1, 5, 6.
 „ „ D. H. R. P., 4, 5, 6.



SOLID CRUCIBLE STEEL.
 Manufactured in Ontario, Canada.

Nos.
 L. H. R. P., 2, 3.
 L. H. S. M., 2.
 Split H. R. M., 2.
 „ „ S. M., 2.

SECTIONAL VIEW SHOWING SOLID SHANK.



Bull Dog Shovels.
 Patent Solid Shanks. One piece, no rivets.

Spades, Etc.



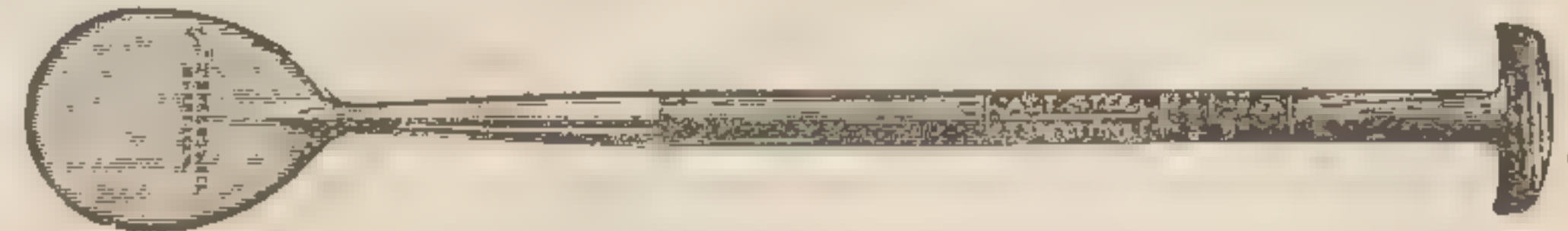
D.H. SPADE.
SKELTON'S D.H. SPADE. Nos. 1, 2.
 " " Ladies' Garden—Nos. 1, 2, 3, 4
PARKES' Nos. 216, 102, 1, 2, 3.
NAYLOR'S " No. 2.
STAR " No. 2.
 Also Cheap English make, stamped steel.



L.H. SPADE.
PARKES' L.H. SPADES—Nos. 216, 102, 2
NAYLOR'S " No. 2



DRAINING TOOL (T. Handle).
SKELTON'S. 16 x 6 x 4 inch
 " —18 x 5 x 3 inch



YAM OR BLUBBER SPADE. Round and Square.



D.H. WOOD GRAIN SCOOPS.



STEEL GRAIN SCOOP.
 Nos. 3, 5, 6, 7, 8.



GRAFTING TOOL.
PARKES'.—Nos. 1, 2



GRAIN TRYER. 9, 12 inch.
BUTTER TRYER—16, 18, 20 in.
HAM, &c.



CHEESE TRYER.
 6, 8 in.

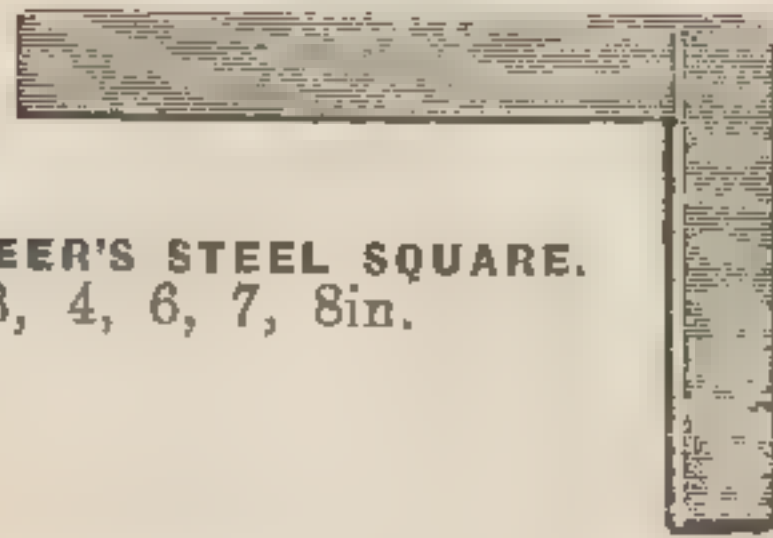


GARDEN TOOLS.
 In Sets of 3 Tools, Spade, Rake, Fork.
 " " 4 " Spade, Rake, Fork, Hoe.
 " " 6 " Spade, Rake, Fork, Hoe,
 Trowel, Hand Fork.

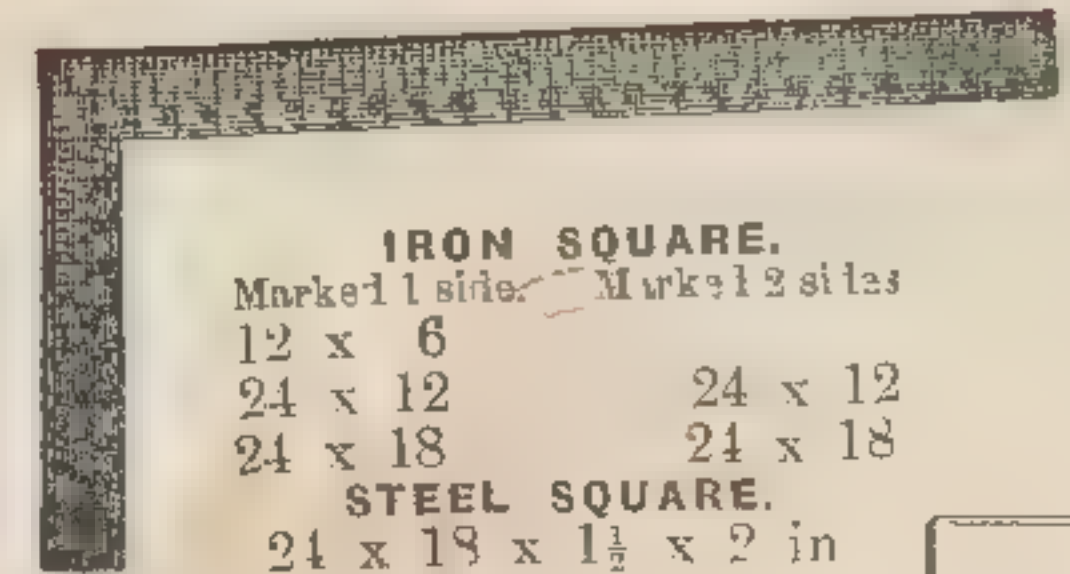
LADIES' SPADES, FORKS, separately.

Squares.

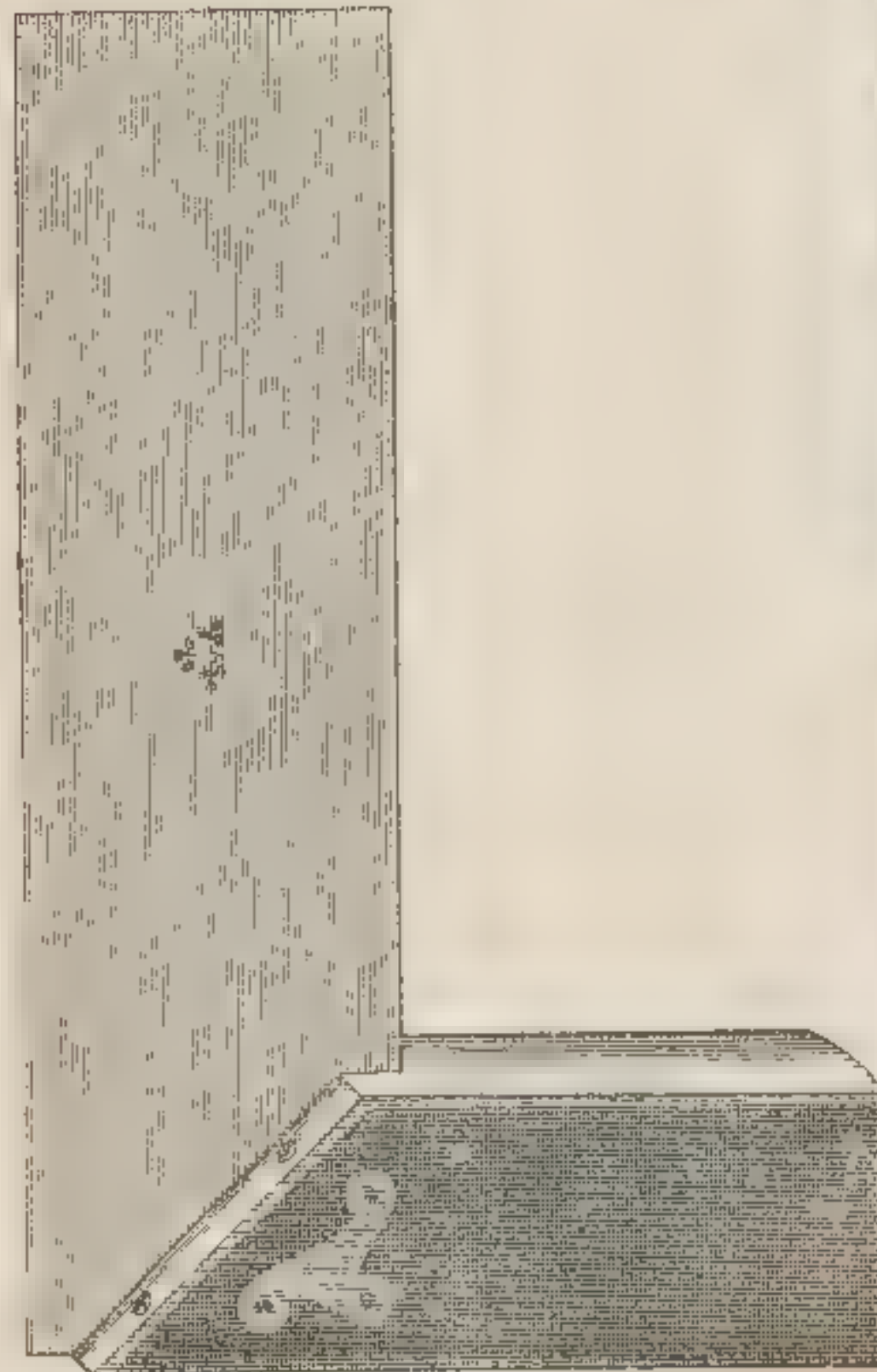
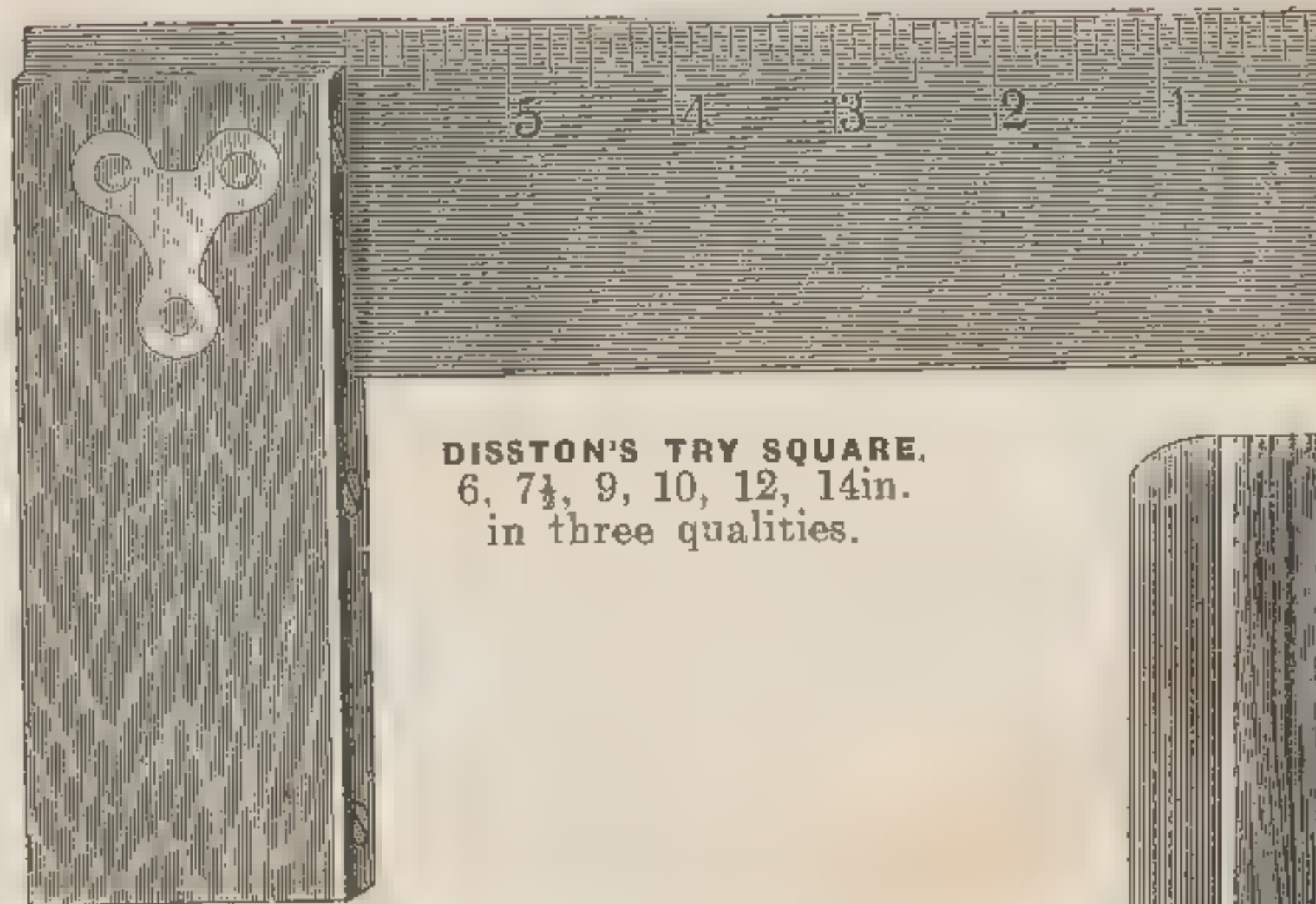
ENGINEER'S STEEL SQUARE.
3, 4, 6, 7, 8in.



IRON SQUARE.
Marked 1 side. — Marked 2 sides
12 x 6 24 x 12
24 x 12 24 x 18
24 x 18 24 x 18
STEEL SQUARE.
24 x 18 x 1½ x 2 in



DISSTON'S TRY SQUARE.
6, 7½, 9, 10, 12, 14in.
in three qualities.

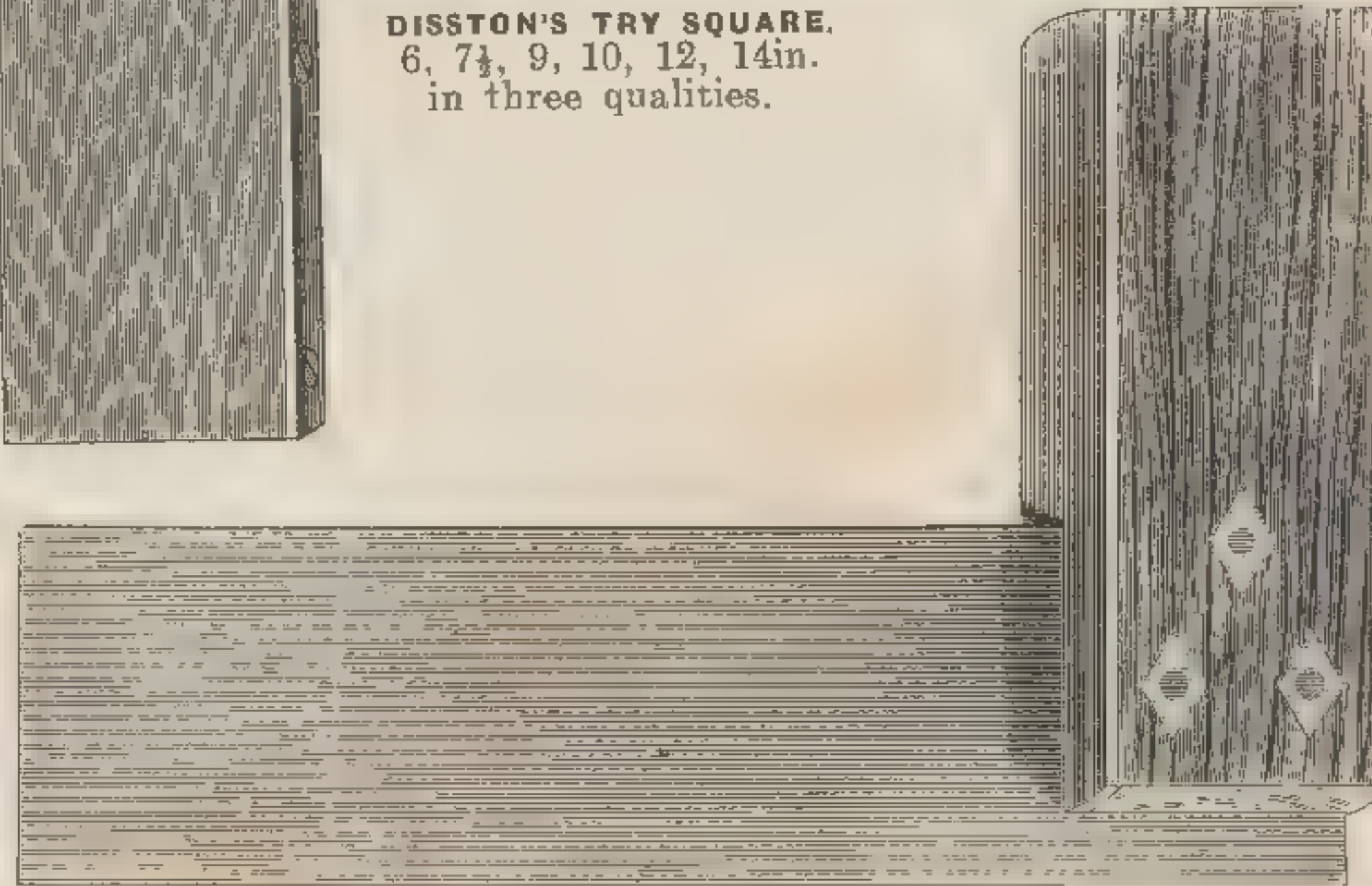


STANLEY'S AND MARPLE'S ROSEWOOD COMBINATION SQUARE.
4½, 6, 9, 12 inch.

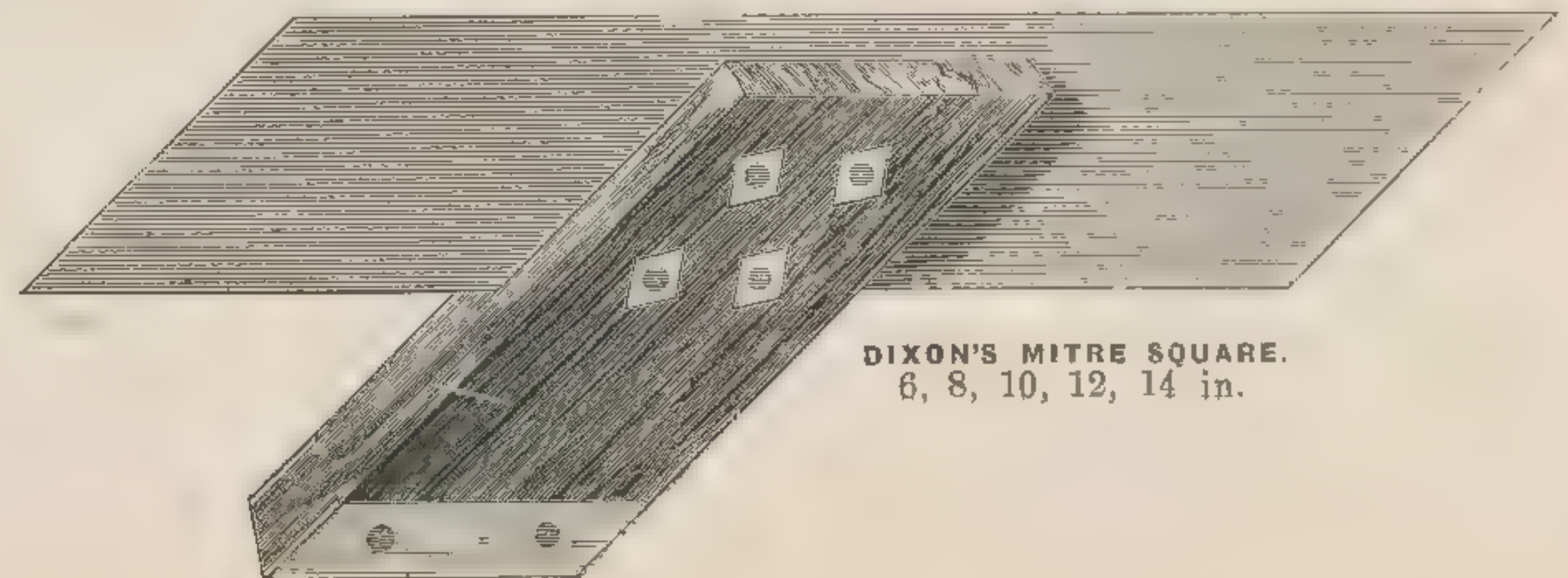
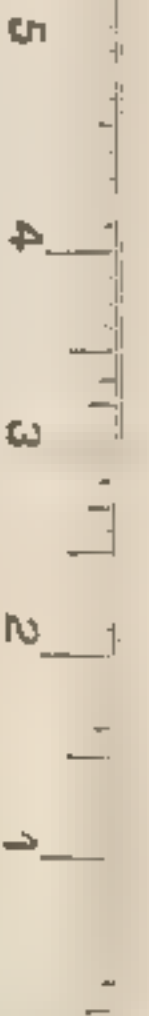


JOINT RULE.
3in. to 16in.

DIXON'S ROSEWOOD PLATED SQUARE.
4½, 6, 7½, 9, 10½, 12, 15, 18in.

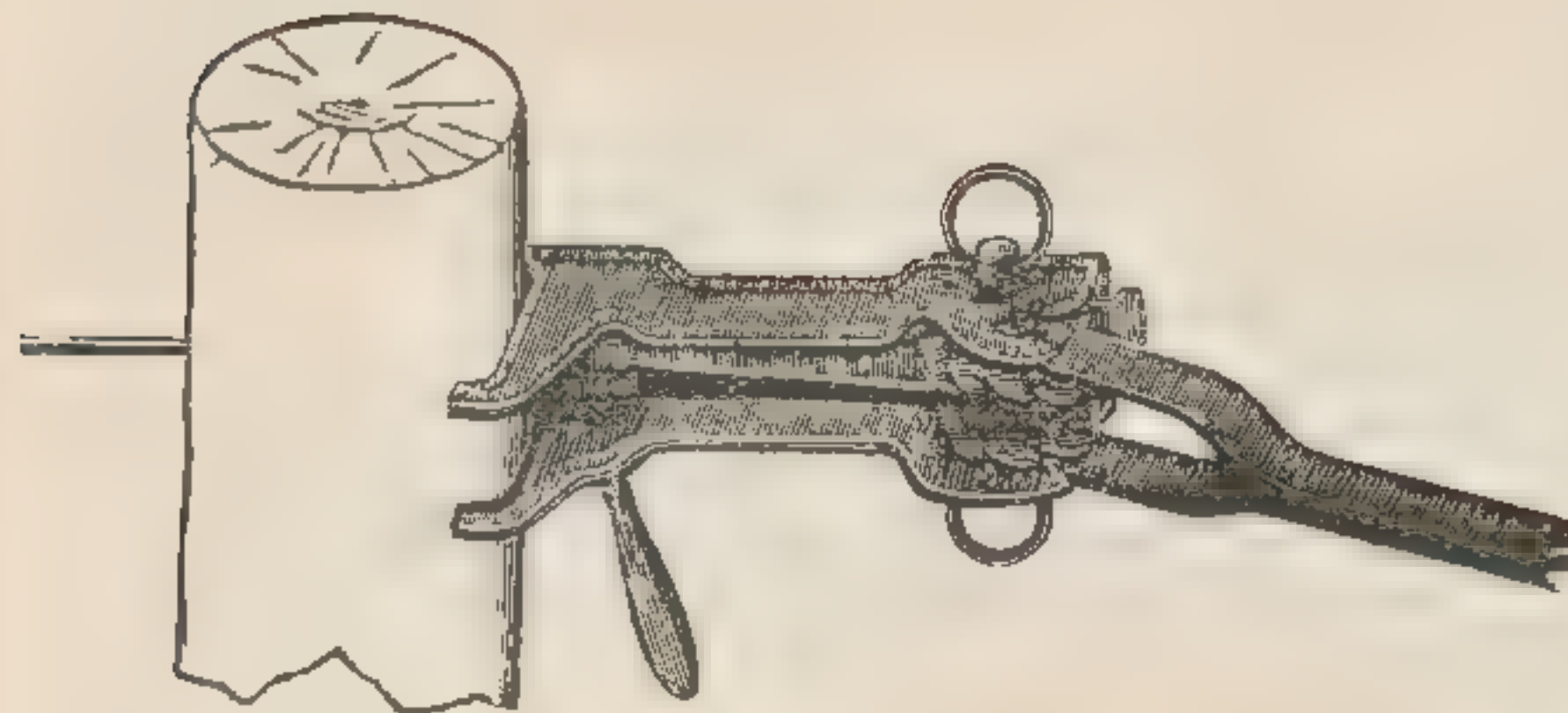


DISSTON'S STEEL AND IRON SQUARE.
6, 8, 10, 12 in.

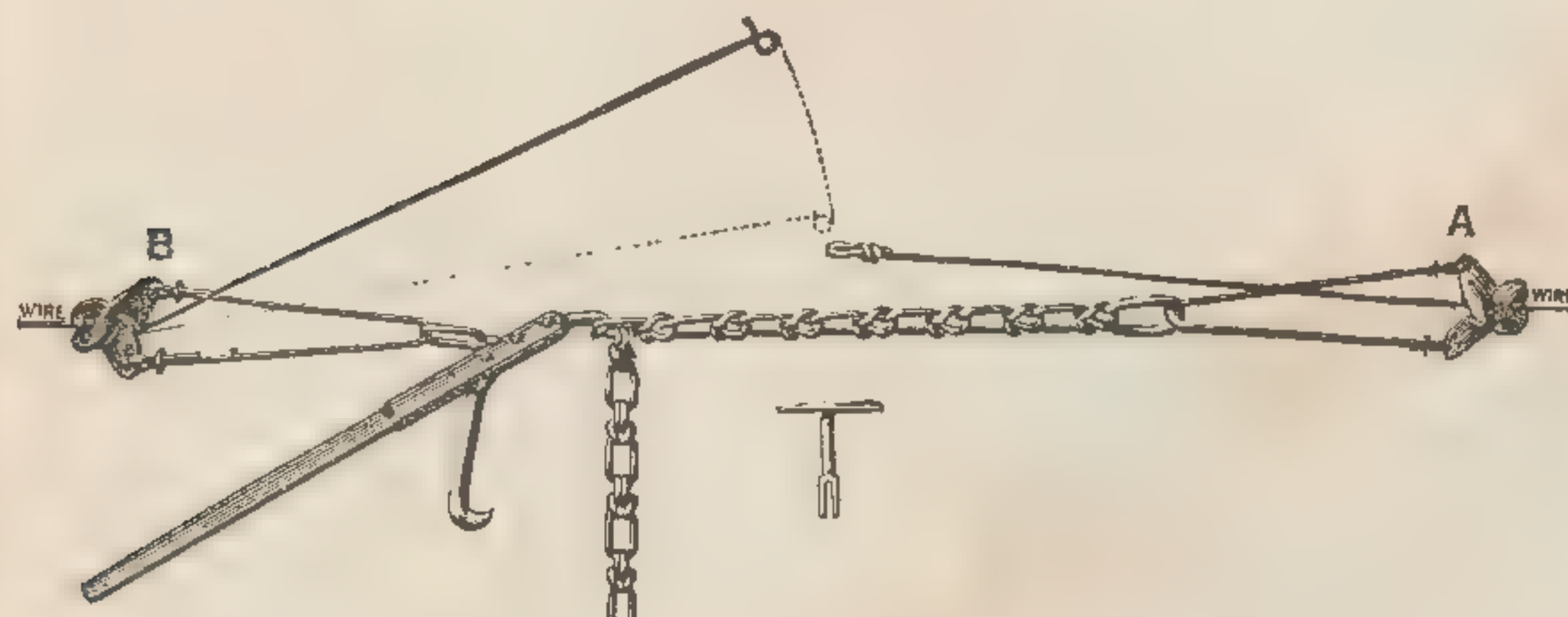


DIXON'S MITRE SQUARE.
6, 8, 10, 12, 14 in.

Wire Strainers.



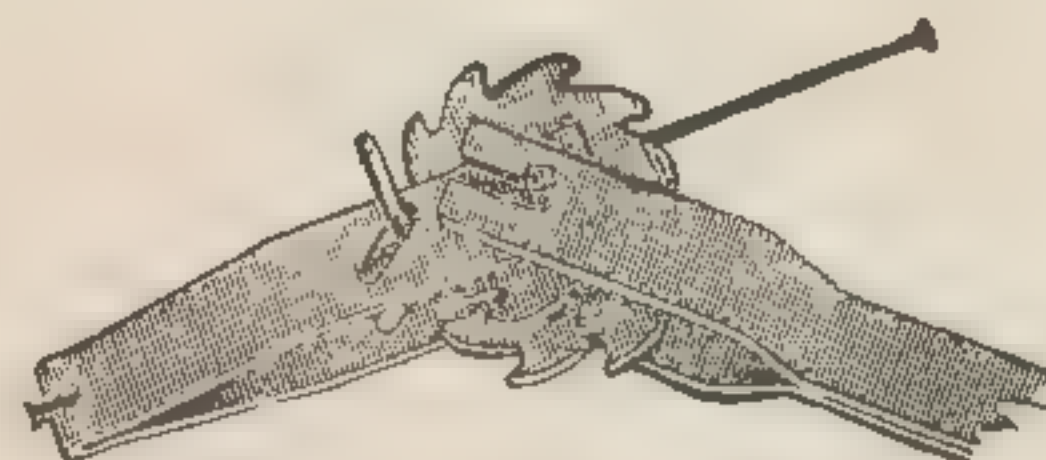
TITAN.



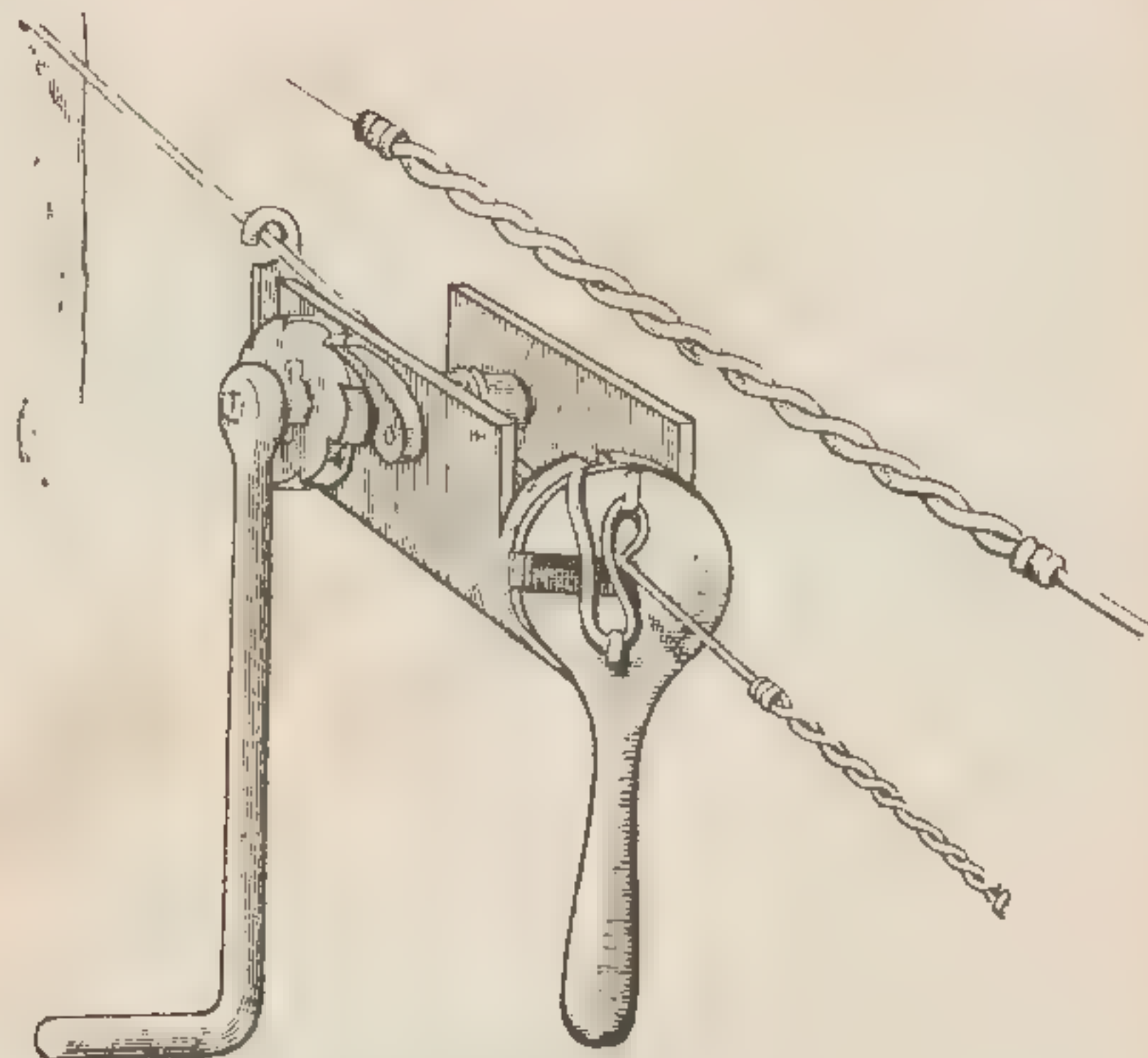
PAGE'S.



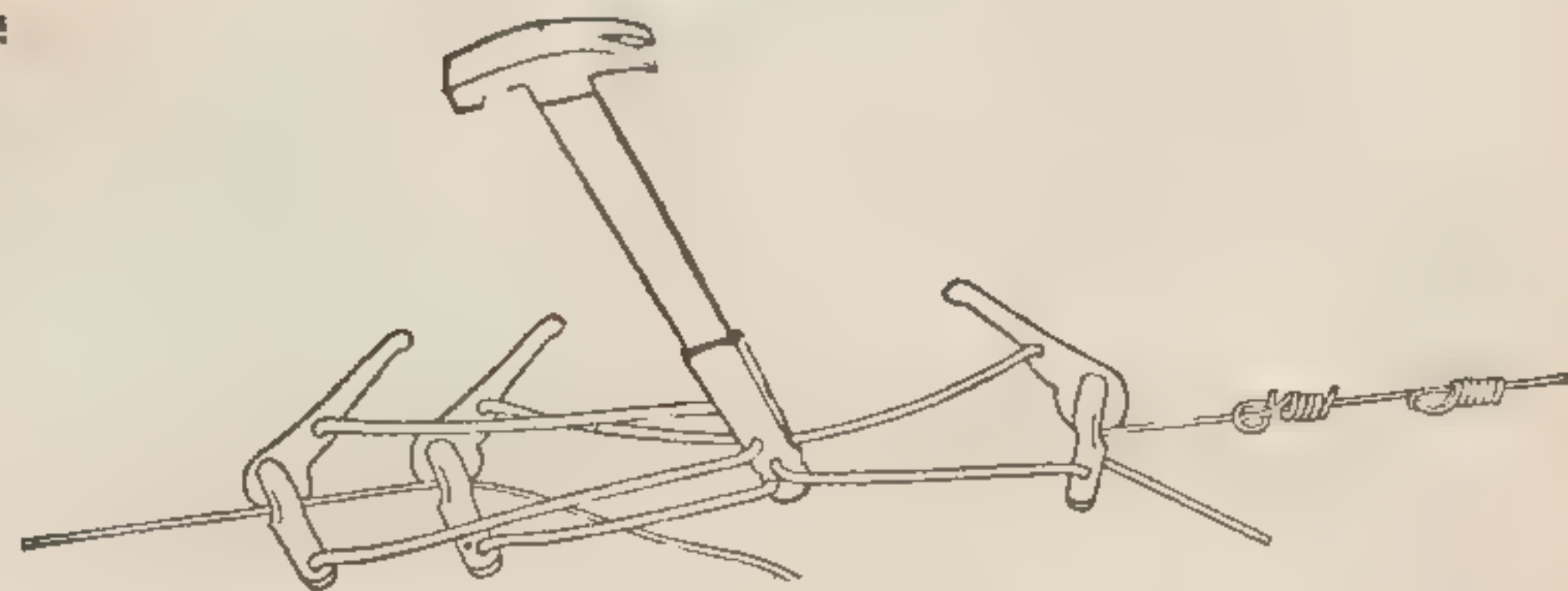
HORSE SHOE.
Single or Double Lever.



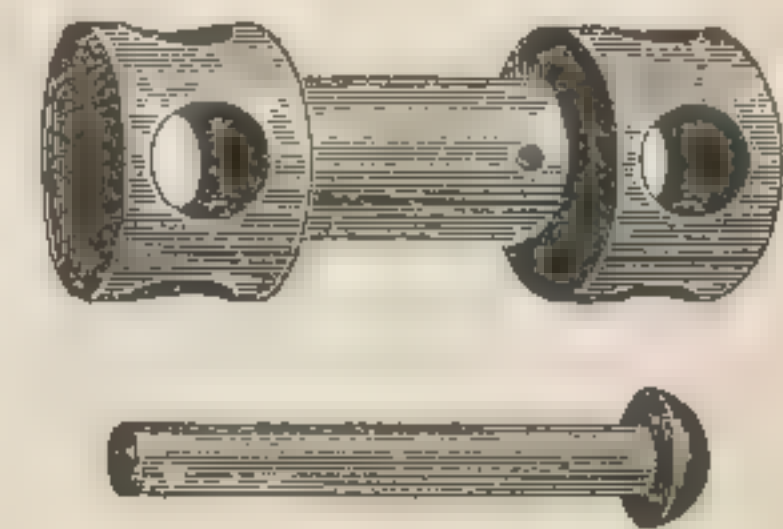
TRIPLEX.



TELEGRAPH.



DONALD'S.



WALKER'S.

Stocks and Dies.

WHITWORTH THREADS.



GREEN RIVER STOCKS & DIES.

No. 150.
 $\frac{1}{8}$, 5-32, 3-16, 7-32, $\frac{1}{4}$ in.

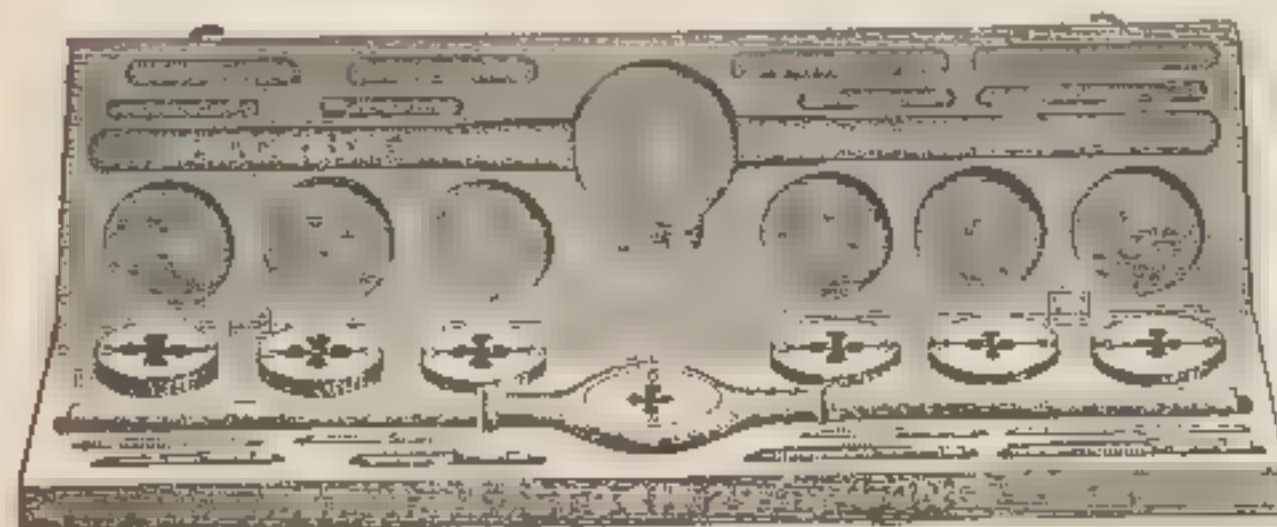


ENGLISH—MATHIESON'S

Complete with Taps for
 Bolts and Nuts, Whitworth
 Threads.

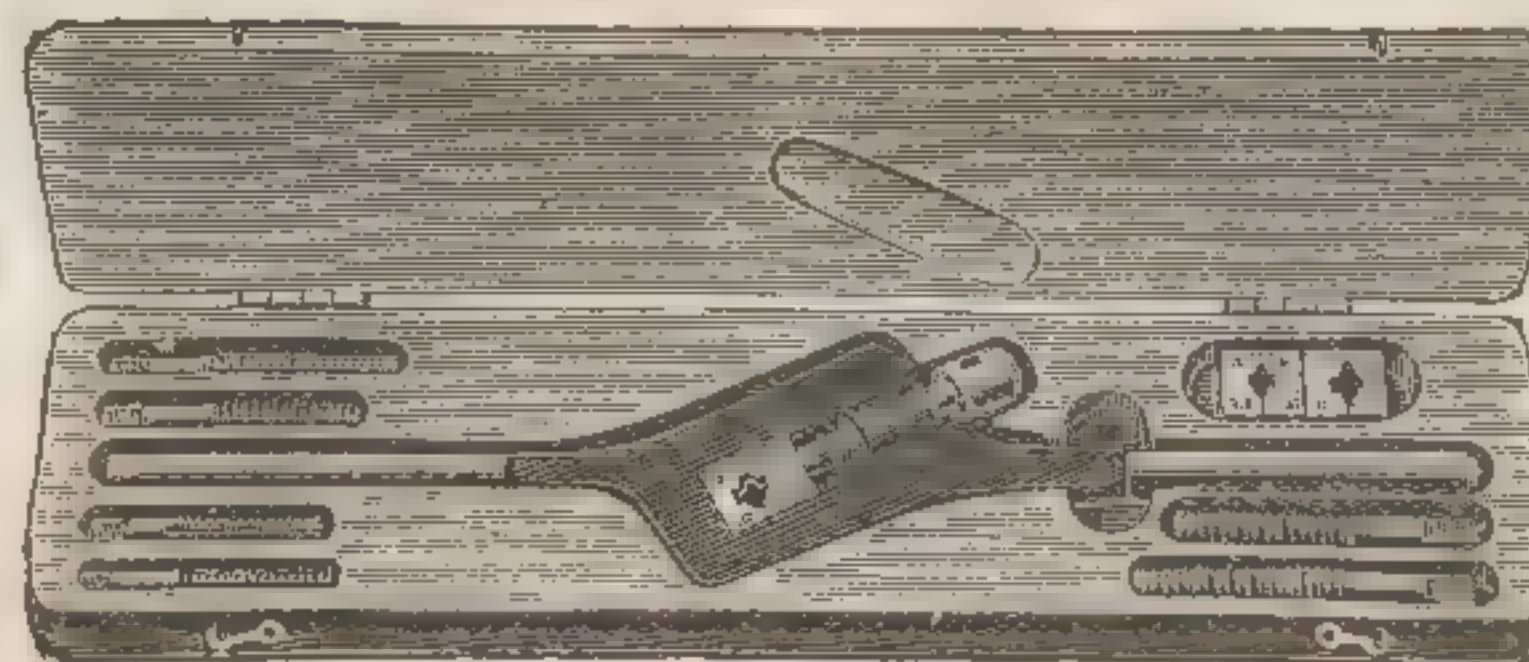
COMBINATIONS.

$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	in.
$\frac{1}{4}$	5-16	$\frac{3}{8}$	7-16	$\frac{1}{2}$	"
$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	"
$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	"
$\frac{7}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$	$\frac{15}{16}$	"
$\frac{15}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	$\frac{15}{16}$	1	"
1	$\frac{15}{16}$	1	$\frac{15}{16}$	$\frac{15}{16}$	"
$\frac{15}{16}$	$\frac{15}{16}$	1	2	2	"



GREEN RIVER STOCKS & DIES.

No. 109.
 $\frac{3}{8}$, 7-16, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 in.



BOKER'S STOCKS AND DIES.

COMBINATIONS.

$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	in.
$\frac{1}{4}$	5-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	"
$\frac{1}{2}$	5-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	"
$\frac{3}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	"
$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	"
1	5-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	"
$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	"
$\frac{7}{8}$	$\frac{3}{4}$	1	$\frac{7}{8}$	$\frac{7}{8}$	"
1	$\frac{7}{8}$	1	$\frac{7}{8}$	1	"

BOKER'S.

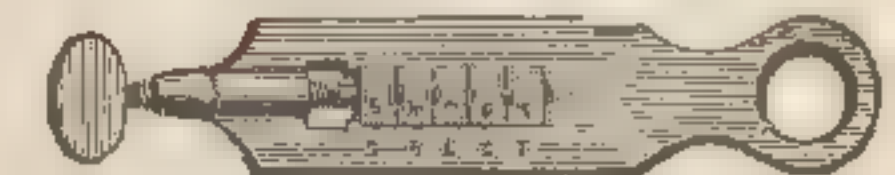
Nos. 1451, 1454, 1455,
 in Boxes. Complete with
 Taps for Bolts and Nuts,
 Whitworth Threads.

WILEY AND RUSSELL'S GREEN RIVER STOCKS & DIES.

Nos. 150— $\frac{1}{8}$, 5-32, 3-16, 7-32, $\frac{1}{4}$ in.
 „ 101—3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$ in.
 „ 103— $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in.
 „ 107— $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{8}$, $\frac{7}{8}$, 1 in.
 „ 109— $\frac{3}{8}$, 7-16, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 in.
 „ 113— $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ in.



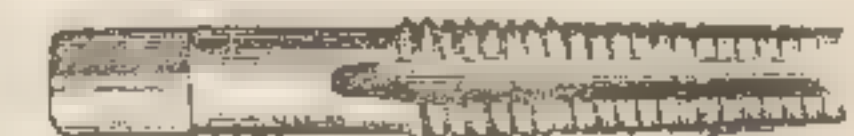
SCREW PLATE,
 English and German, 10 and 12 hole.



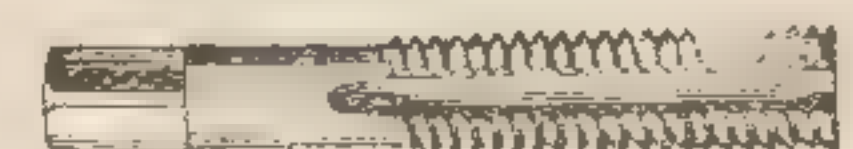
HAND STOCKS,
 with Taps, No. 847.
 6 8 9 10 in.
 To 6-32 8-32 9-32 10-32nd.



$\frac{1}{4}$ $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ in.
 Complete with Taps for Brass.

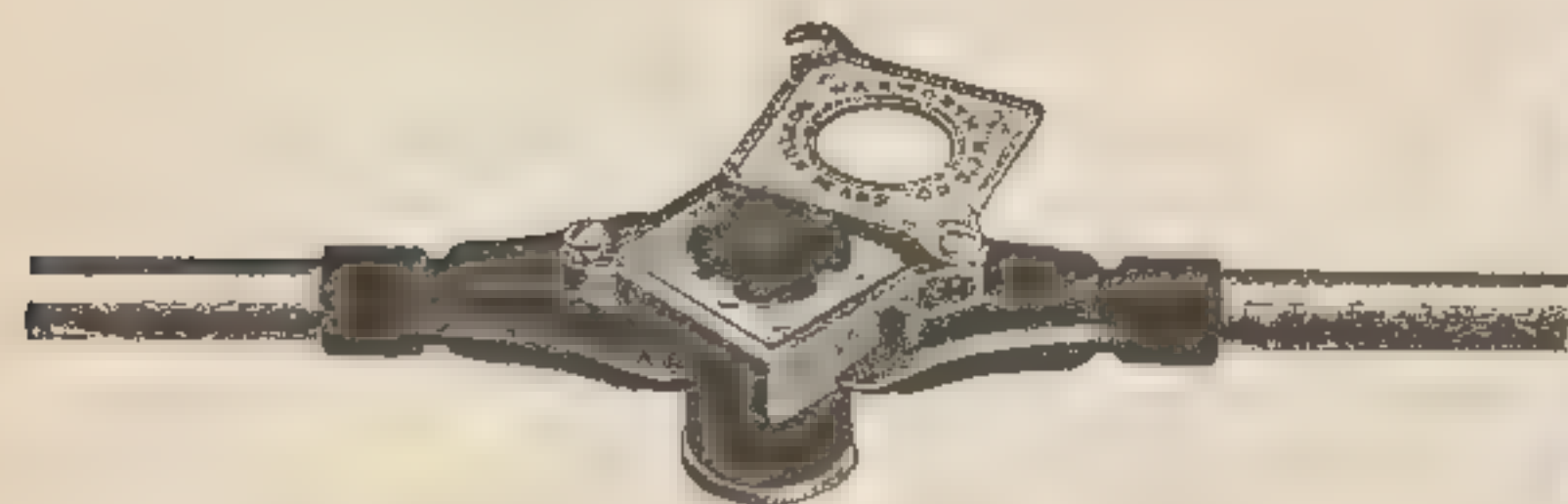


TAPER TAP.



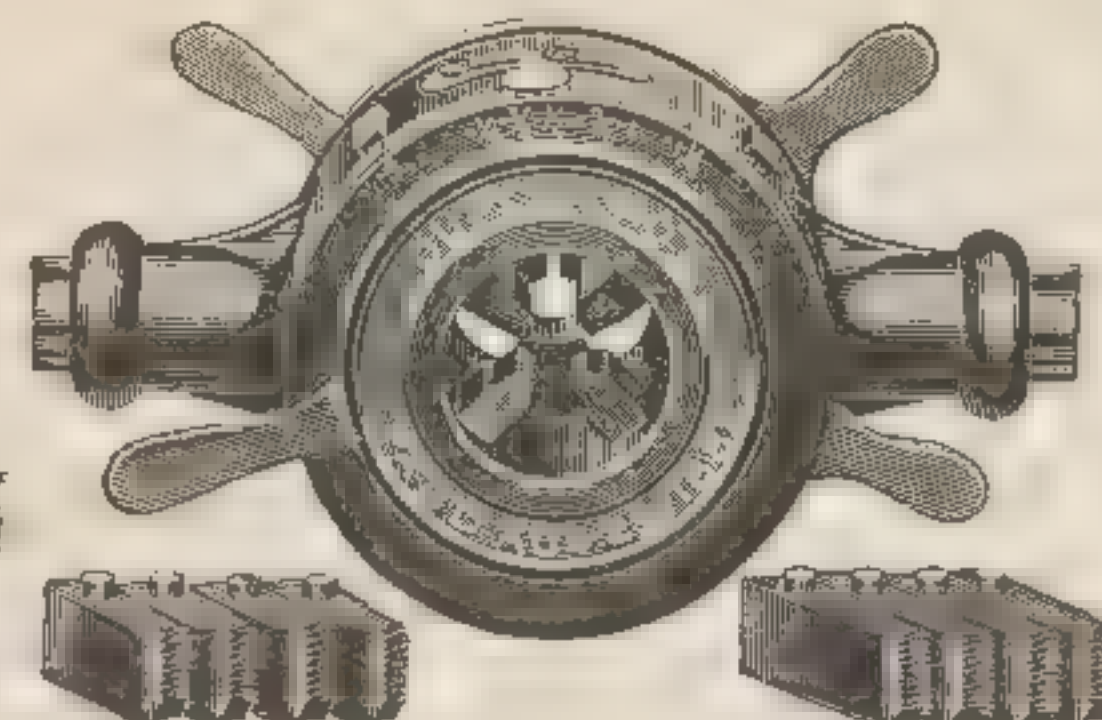
PLUG TAP.
 Whitworth Thread $\frac{1}{8}$ to $1\frac{1}{4}$ inch
 Gas „ $\frac{1}{4}$ to 2 inch.

Stocks and Dies for Pipe and Turnscrews.



WALWORTH GAS STOCKS AND DIES.

No. 1.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	inch.
No. 1 $\frac{1}{2}$.	$\frac{3}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$		"
No. 2.	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2		"
No. 3.	2	$2\frac{1}{2}$				"



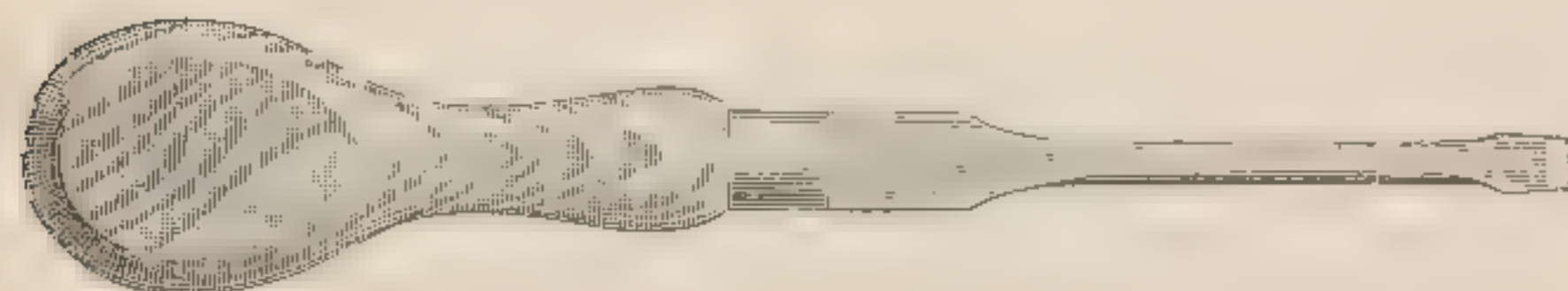
DUPLEX GAS STOCKS AND DIES.
With or without Cut-off.

No. 1	..	..	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	inch.
No. 2	..	..	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	"
No. 3	..	..	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	"
No. 3 $\frac{1}{2}$	..	..	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	$1\frac{3}{4}$	2

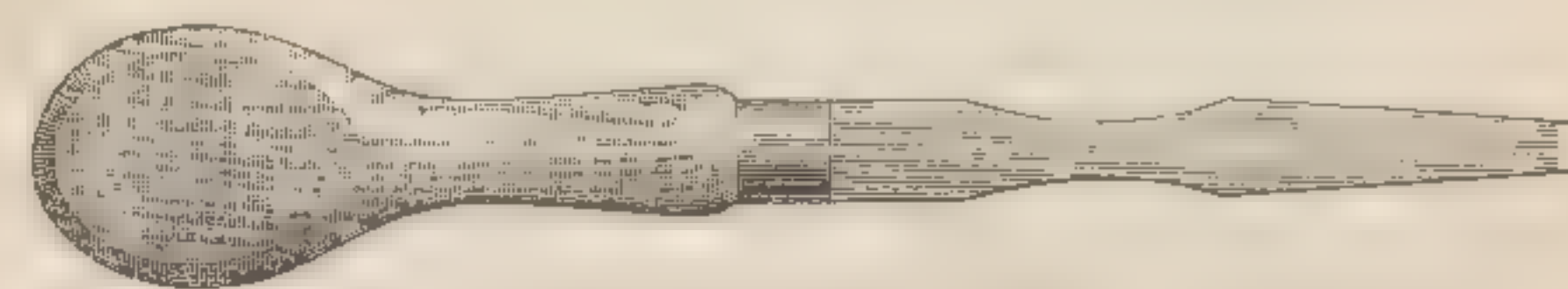


LIGHTNING STOCKS AND DIES.

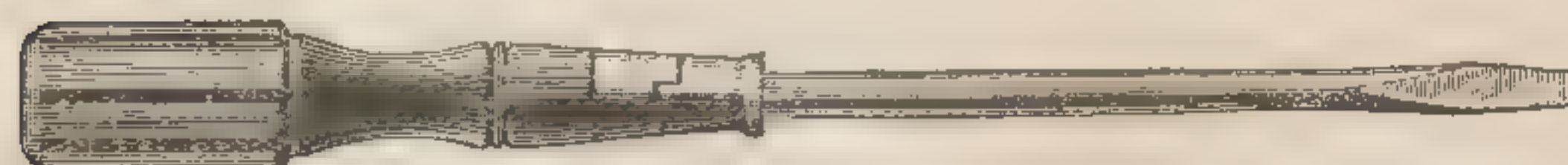
No. 250	..	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	inch.
No. 251	..	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2		inch.



CABINET TURNSCREW.
3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18 inch.



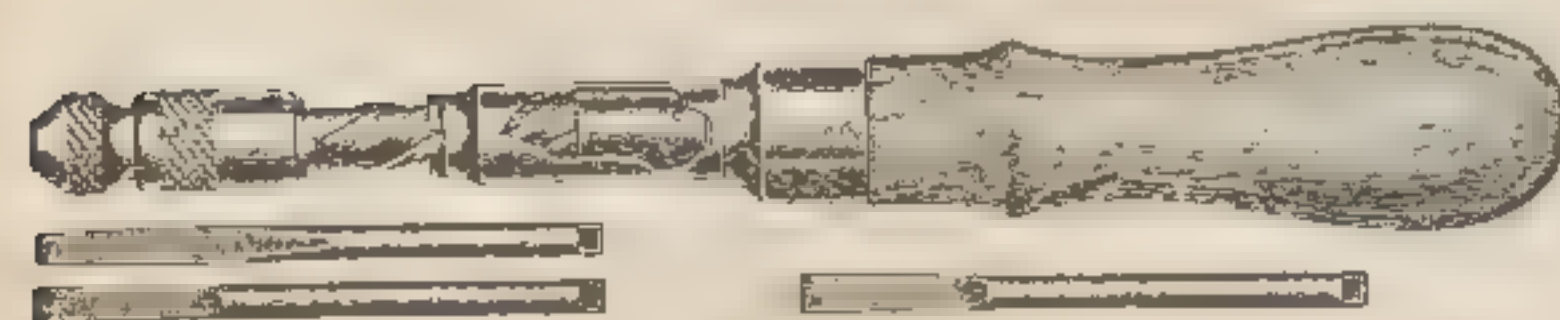
LONDON TURNSCREW.
3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18 inch.



CHAMPION TURNSCREW.
 $2\frac{1}{2}$, $4\frac{1}{2}$, $6\frac{1}{2}$ inch.



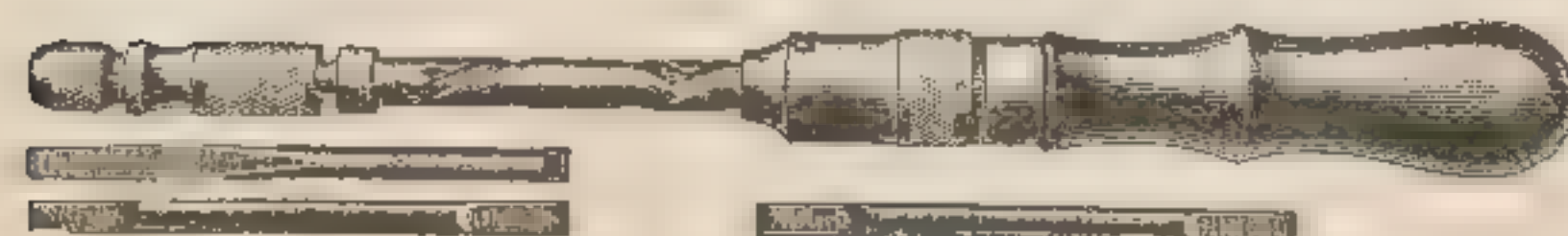
TELEGRAPH TURNSCREW.
2, 4, 6, 8, inch.



SPIRAL AUTOMATIC TURNSCREW.



SPIRAL RATCHET TURNSCREW.

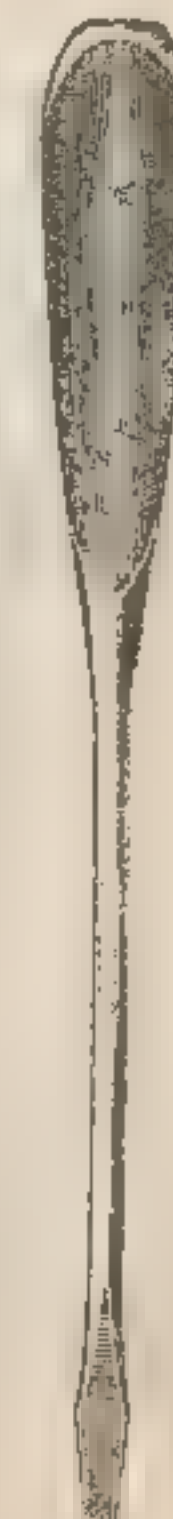


IN AND OUT RATCHET TURNSCREW.



YANKEE RATCHET TURNSCREW.
3, 4, 5, 6, inch.

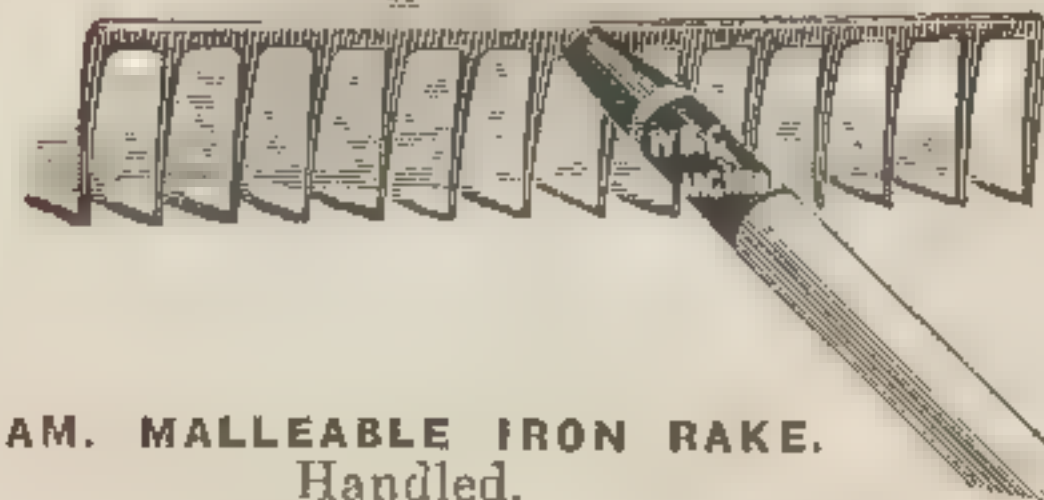
PERFECT HANDLE TURNSCREW.
3, 4, 5, 6, 7, 8, 10 inch.



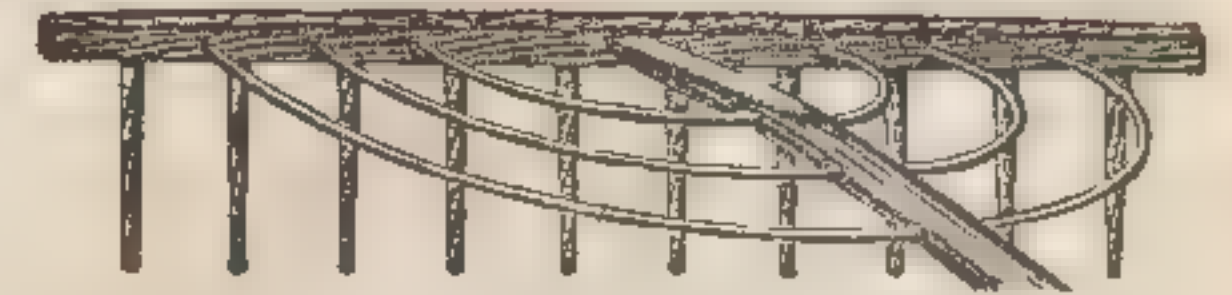
Rakes and Tapes.



AM. STEEL, SOLID BOW RAKE.
Handled.
11, 13, 15 teeth.



AM. MALLEABLE IRON RAKE.
Handled.
8, 10, 12, 14, 16, 18 teeth.



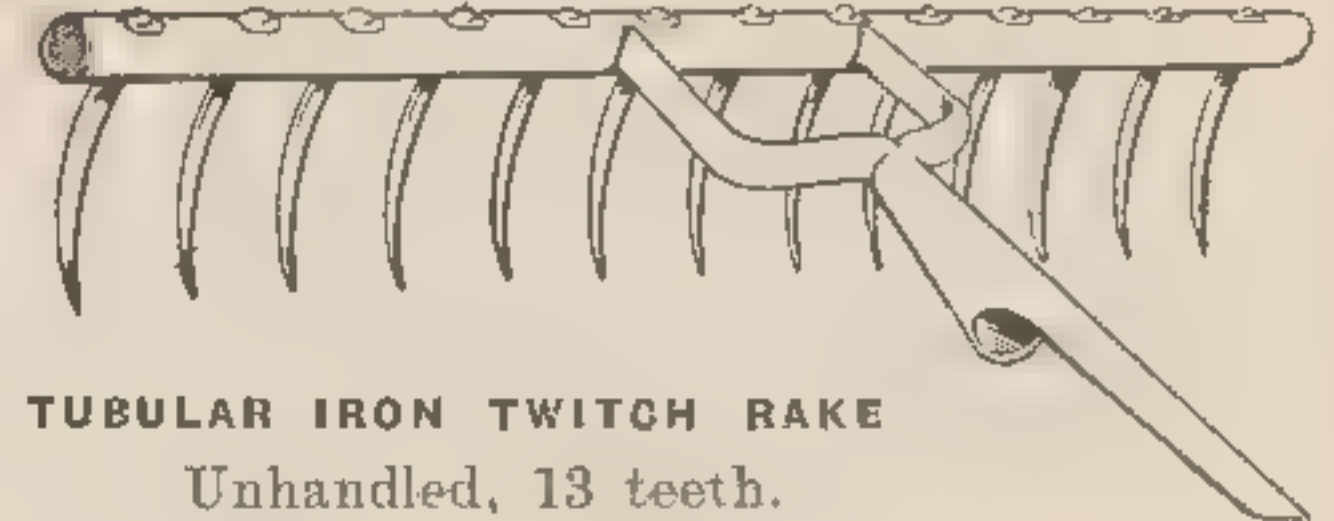
HAY RAKE.
Wood Teeth. Iron Teeth.



BRIGHT STEEL RAKES. Light and Heavy.
10, 12, 14, 16 teeth.



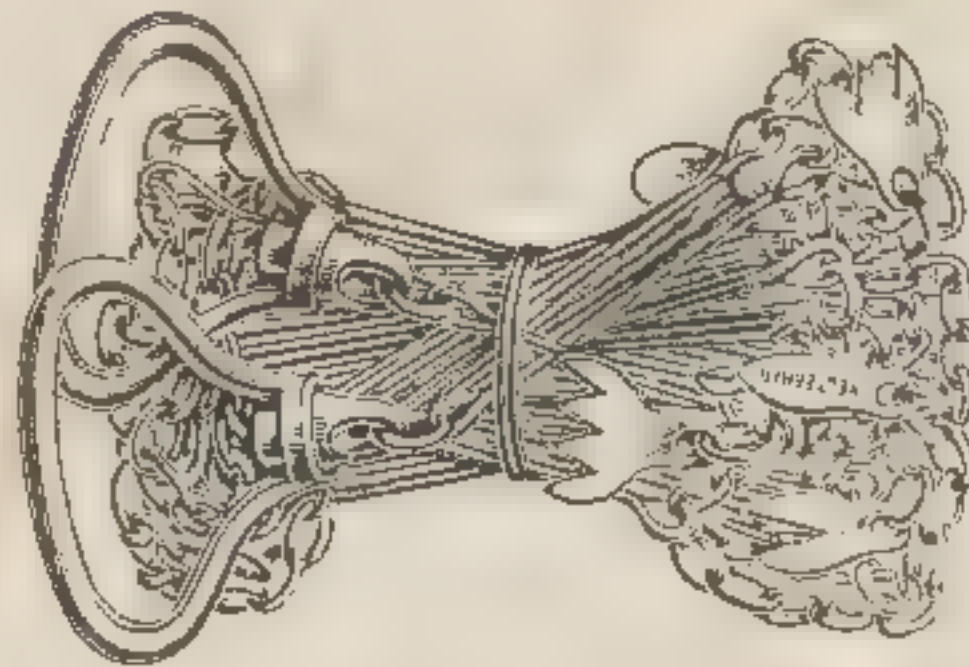
LONDON RAKE.
10, 12, 14, 16, 18, 20, 22, 24 teeth.



TUBULAR IRON TWITCH RAKE
Unhandled, 13 teeth.



CHESTERMAN'S.
Metallic Tapes in Leather Cases, No. 34 L.,
33, 66, 100 ft. Decimal or Link.
Steel Tapes in Leather Cases, No. 38 L.,
33, 66, 100 ft. Decimal or Link.
Band Chains, 3 and 5 Chains.
Extra Metallic Tapes for 66 ft. Cases.
Links or Decimal.

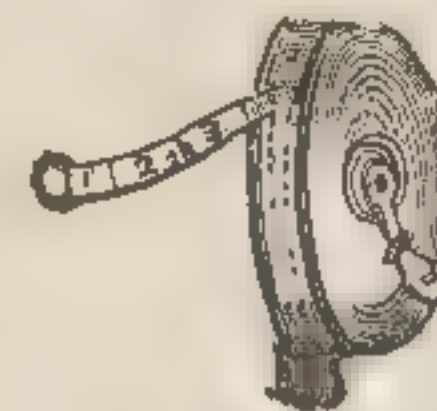


LAND CHAINS AND ARROWS.

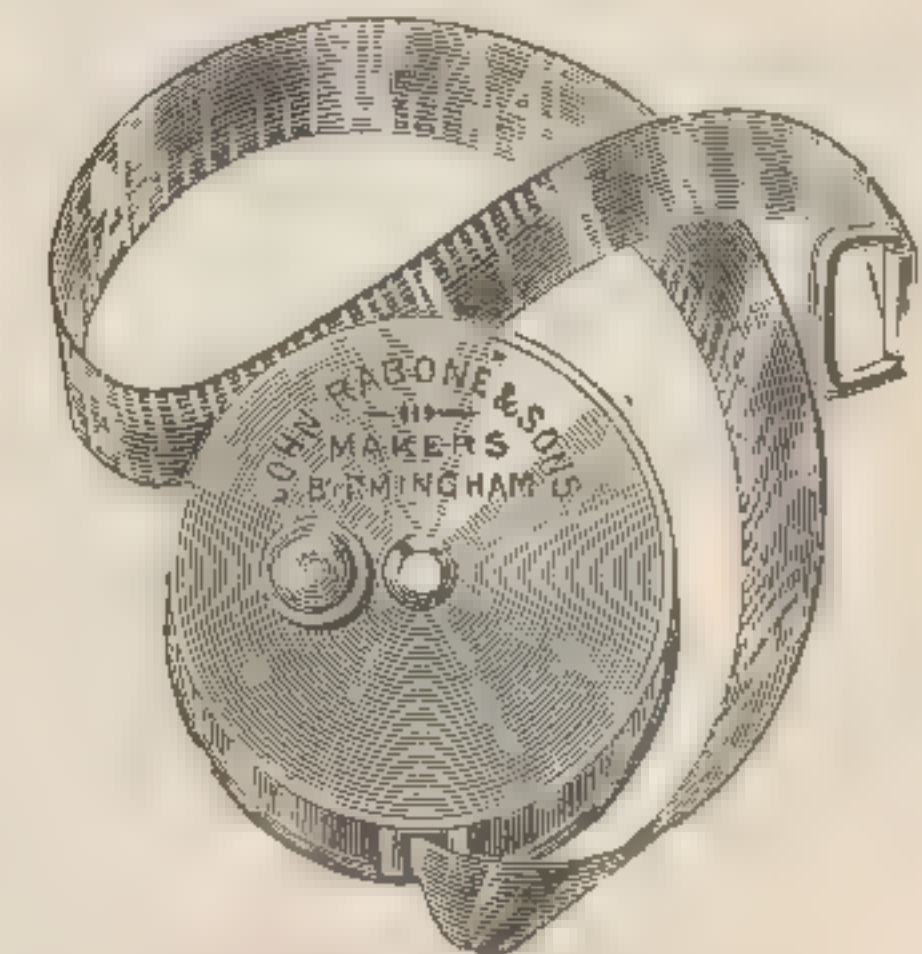
ENGLISH TAPES
in Ass Skin, 66 ft.
No. 1984. 1922B. 1922BC.
Japanned Leather, 66 ft. No. 1920.
Solid Leather. No. 1978, 1979.

AMERICAN TAPES
in Ass Skin, 66 ft. No. 714.
Japanned Leather, 66 ft. No. 814.
Pressed " " No. 934.

TAILORS' TAPES, 5 ft.



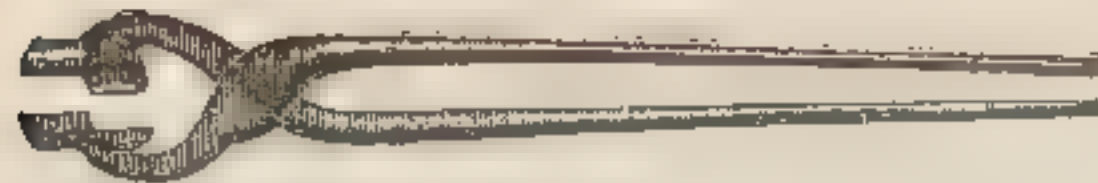
POCKET TAPES
in N.P. Metallic Cases,
Linen, No. 298, 3, 6 ft.
Steel, No. 299, 3, 6ft.



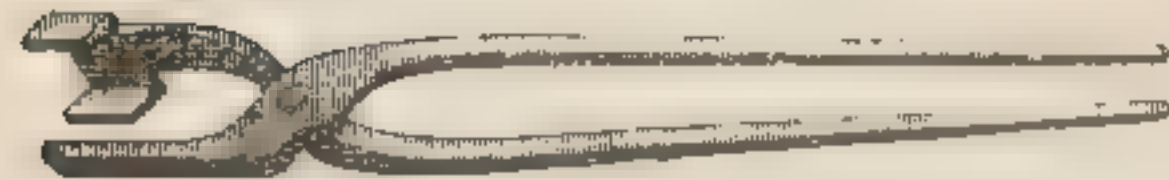
RABONE'S.

Linen Tapes, in Leather Cases,	No. 260, 33, 66 ft. Decimal or Links.
Metallic " " "	No. 250, 33, 66 ft. " "
" " " "	No. 400, 33, 66, 100 ft. " "
Steel " " "	No. 415, 33, 66, 100 ft. " "

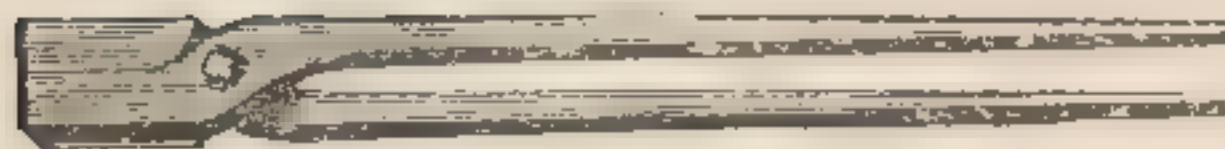
Tongs, Etc.



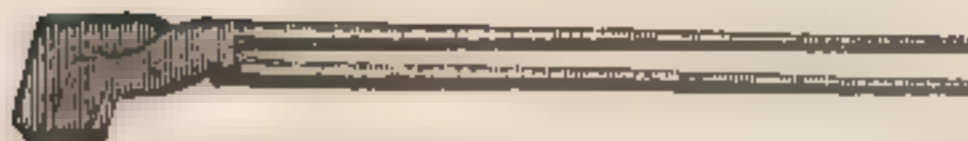
ROUND MOUTH TONGS.



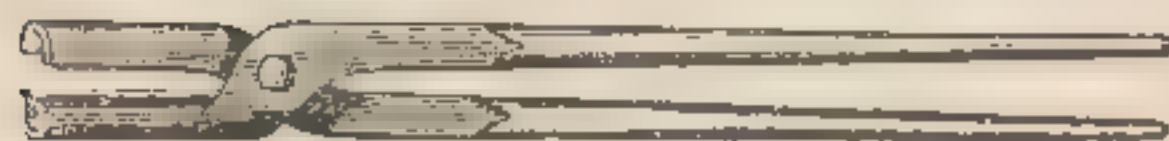
SQUARE MOUTH TONGS.



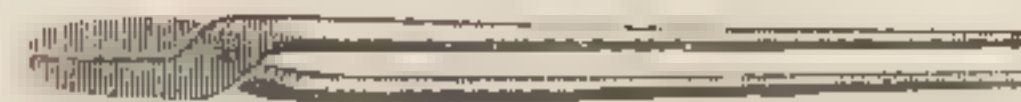
FLAT MOUTH TONGS.



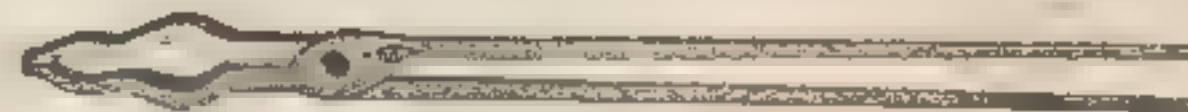
SIDE MOUTH TONGS.



OPEN MOUTH TONGS.



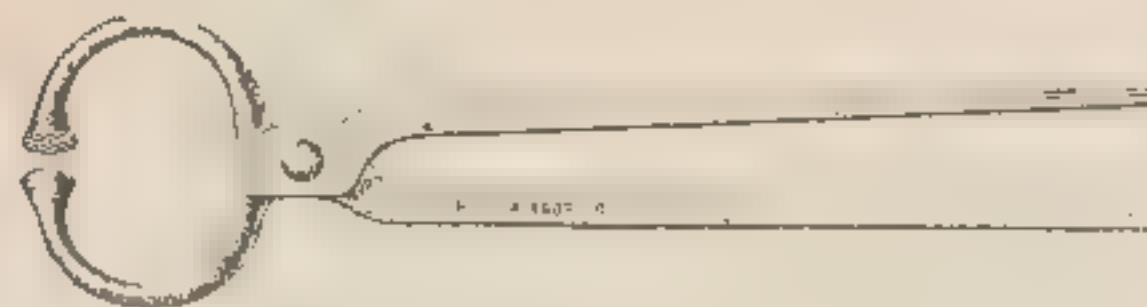
CLOSE TONGS.



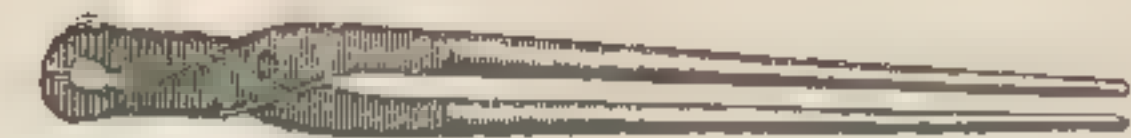
DRIFT TONGS.



HELLER'S CLINCH TONGS.



HELLER'S HOOF TESTERS.



RIVET TONGS.



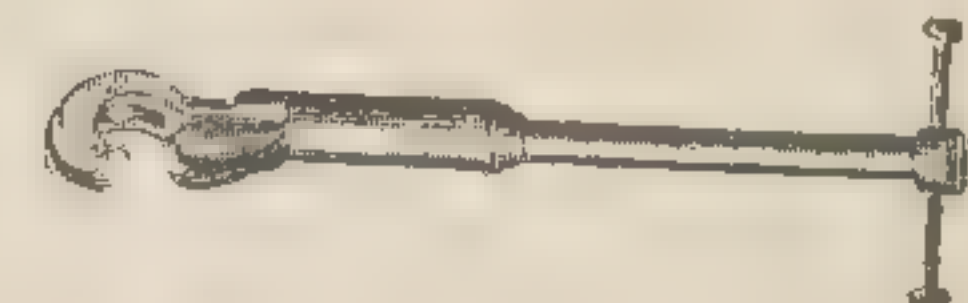
AMERICAN PIPE CUTTERS.
3 Wheel.
No. 1, $\frac{1}{8}$ to 1in. No. 2, $\frac{1}{4}$ to 2in.



MATHIESON'S ADJUSTABLE PIPE TONGS.
 $\frac{1}{2}$ to 1 $\frac{1}{2}$, 1 to 2 inch.



MATHIESON'S COMBINED WRENCH AND
PIPE CUTTER.
Nos. 1 2 3
 $\frac{1}{4}$ to 1, 1 $\frac{1}{4}$ to 2, 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ in.



MATHIESON'S 3 WHEEL PIPE CUTTER
No. 1, $\frac{1}{4}$ to 1in.; No. 2, 1 to 2in.;
No. 3, 2 $\frac{1}{4}$ to 3 $\frac{1}{2}$ in.

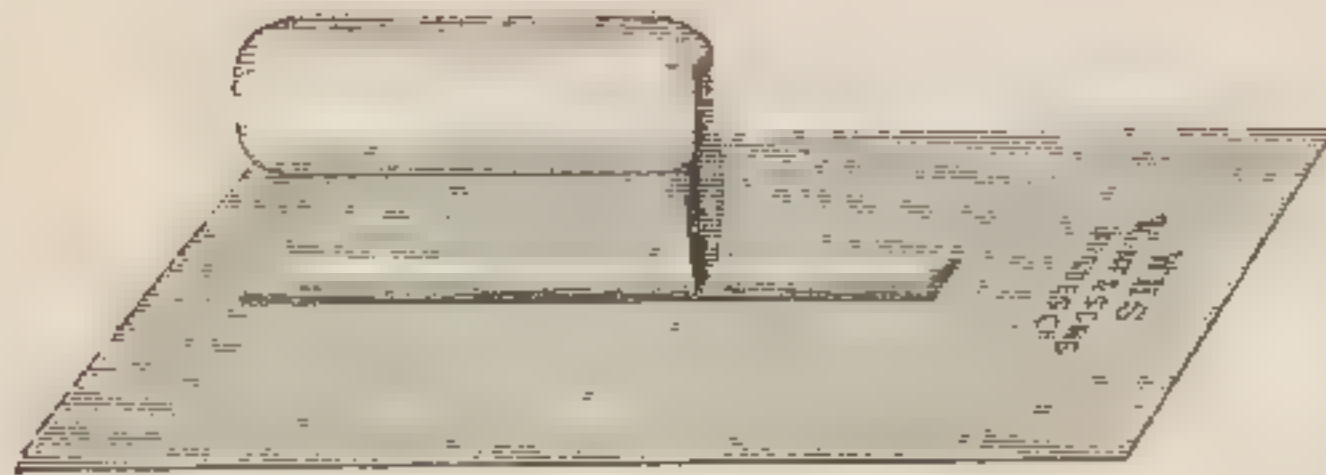


VULCAN PATENT CHAIN PIPE WRENCH.
No. 10, $\frac{1}{8}$ to $\frac{3}{4}$; No. 11, $\frac{1}{8}$ to 1 $\frac{1}{2}$; No. 12, $\frac{1}{4}$ to 2 $\frac{1}{2}$; No. 13, $\frac{3}{4}$ to 4; No. 13 $\frac{1}{2}$, 1 to 6 inch.

Also YANKEE CHAIN TONGS.
No. 1, $\frac{1}{4}$ to 2; No. 2, $\frac{1}{4}$ to 3; No. 3, $\frac{3}{4}$ to 6; No. 3 $\frac{1}{2}$, 1 to 8 inches.

EXTRA CUTTER WHEELS STOCKED.

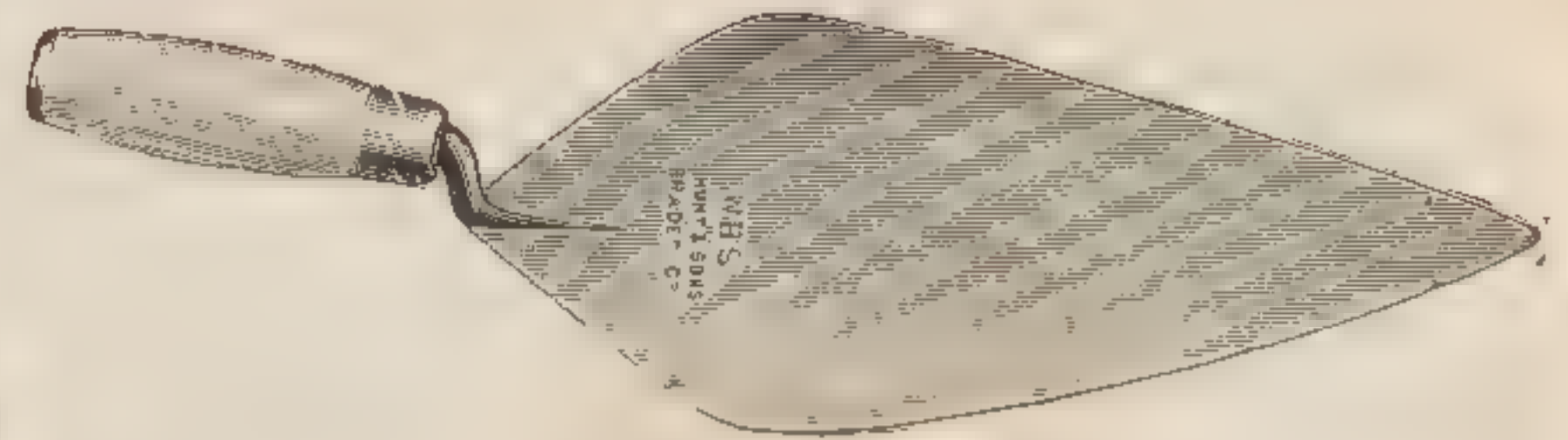
Trowels, Etc.



PLASTERER'S TROWEL.
HUNT'S, DISSTON'S, AND MARSHALL'S,
10½, 11 inch.



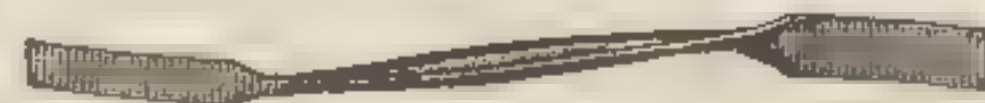
GAUGING TROWEL.
HUNT'S, 5, 6, 6½, 7, 8 inch.



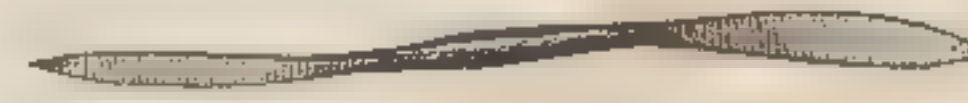
		BRICK TROWEL.				
HUNT'S,	Plain Handles	10	11	12	12½	13 inch.
"	Capped "	12	12½	13		"
"	Double Ferruled Handles	12	12½	13		"
BOKER'S,	"	10	11	12		"



POINTING TROWEL
HUNT'S AND OTHERS.
4½, 5, 5½, 6, 6½, 7, 8 inch.

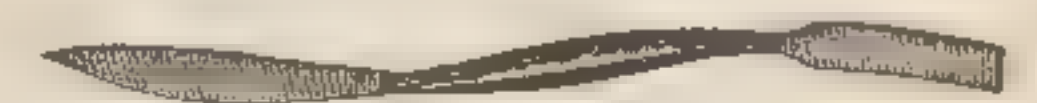


DOUBLE SQUARE.

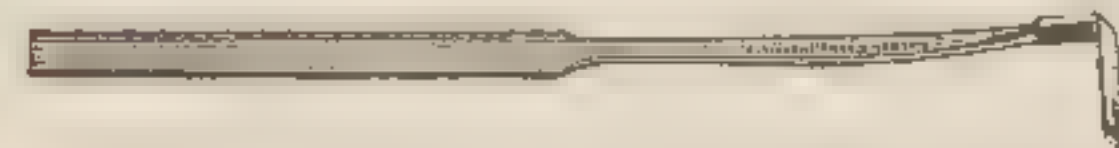


PLASTERER'S TOOLS.

DOUBLE LEAF.



LEAF AND SQUARE.



CLEANER.
1/8, 3-16, 1/4, 5-16, 3/8, 1/2 inch.



TROWEL,
5 x 1, 5½ x 1½, 6 x 1½ inch.

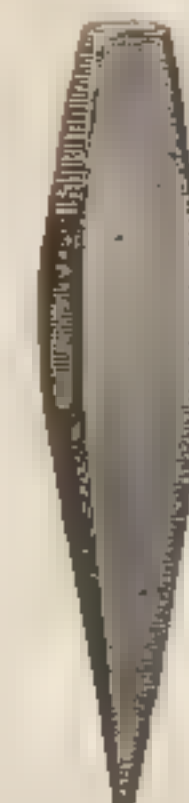


HEART AND SQUARE.
1½ x 1, 1¼ x 5/8, 2 5/8 x 1 in.

MOULDER'S TOOLS.



CREASER



FOREPUNCH.



PRITCHEL.



BRICK BOLSTER.

FARRIERS' AND BLACKSMITHS' TOOLS.



SQUARE PUNCH.



ROUND PUNCH.



SET HAMMER.



HOT AND COLD SETS.



HARDIE.



TOP AND BOTTOM FULLER.



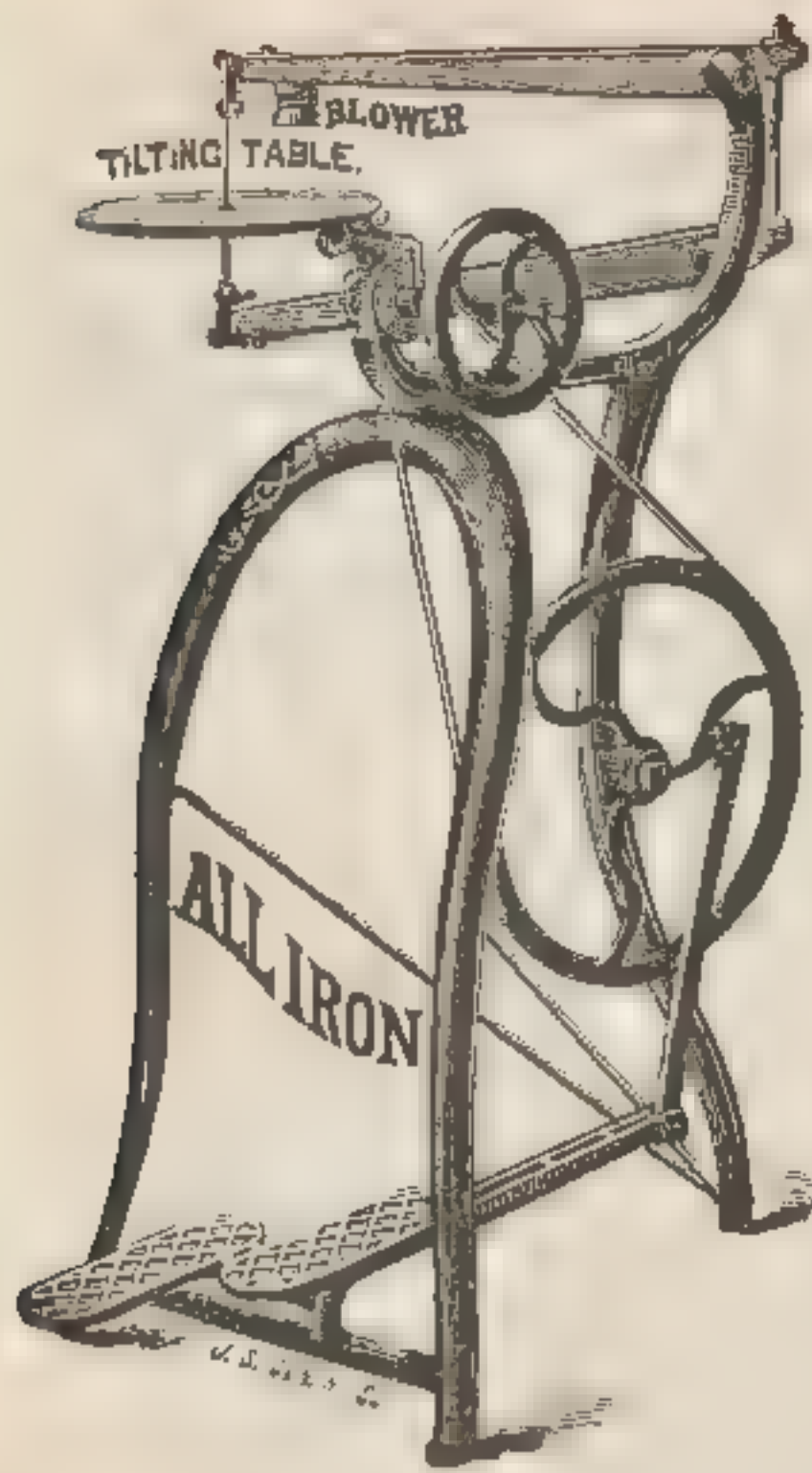
BOTTOM SWAGE.



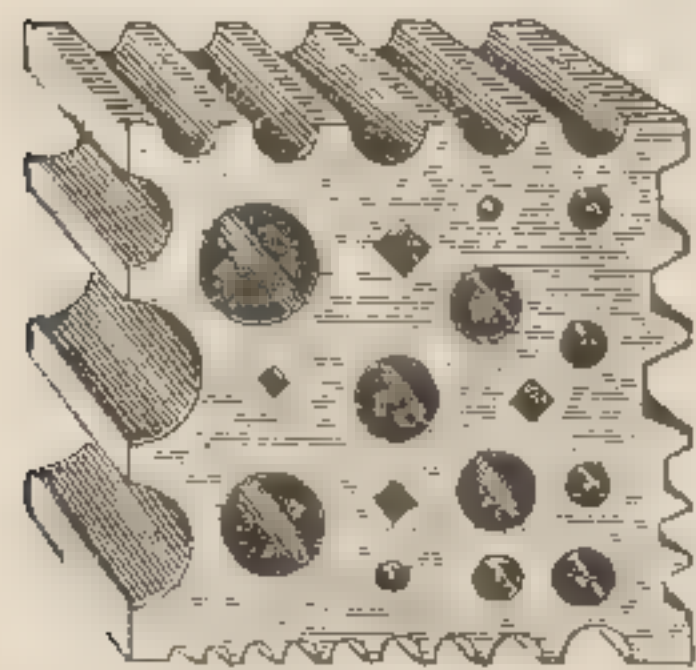
TOP SWAGE

ALL FARRIERS' AND BLACKSMITHS' TOOLS STOCKED.

Fret Tools, Etc.



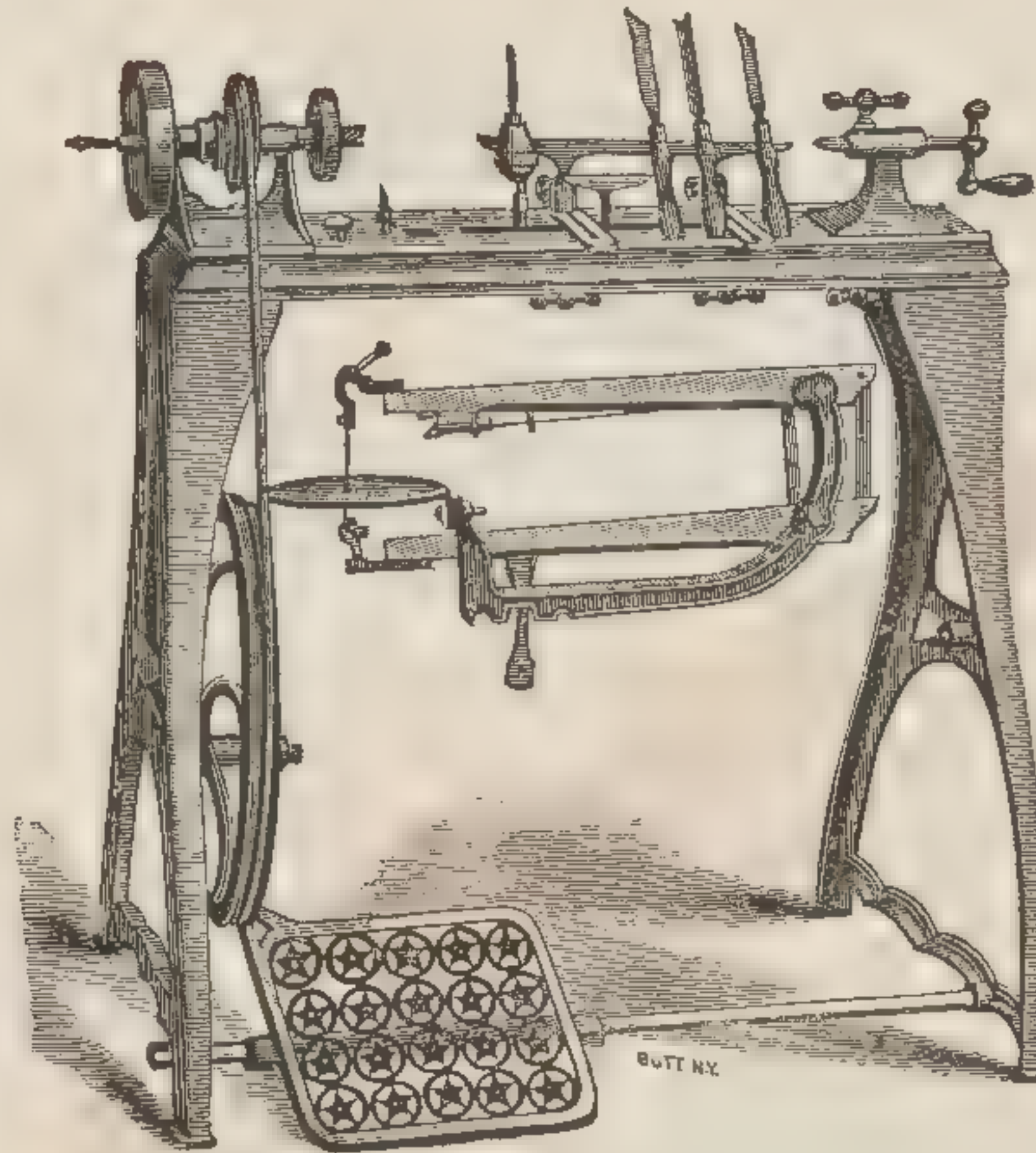
ROGER'S FRET SAW MACHINE.



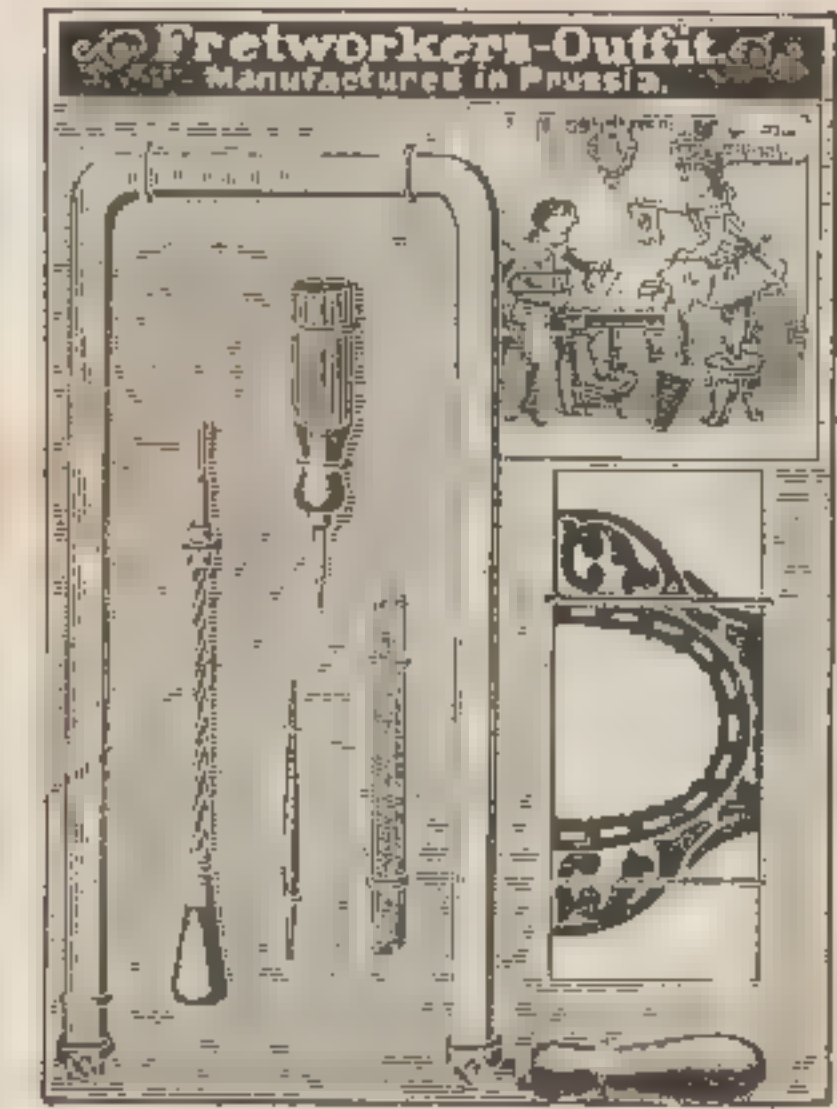
SWAGE BLOCK.



GARDEN TROWEL, various qualities, 5, 6, 7 inch.



GOODALL'S LATHE AND SAW ATTACHMENT.



FRET WORK OUTFIT,

on card, assorted.

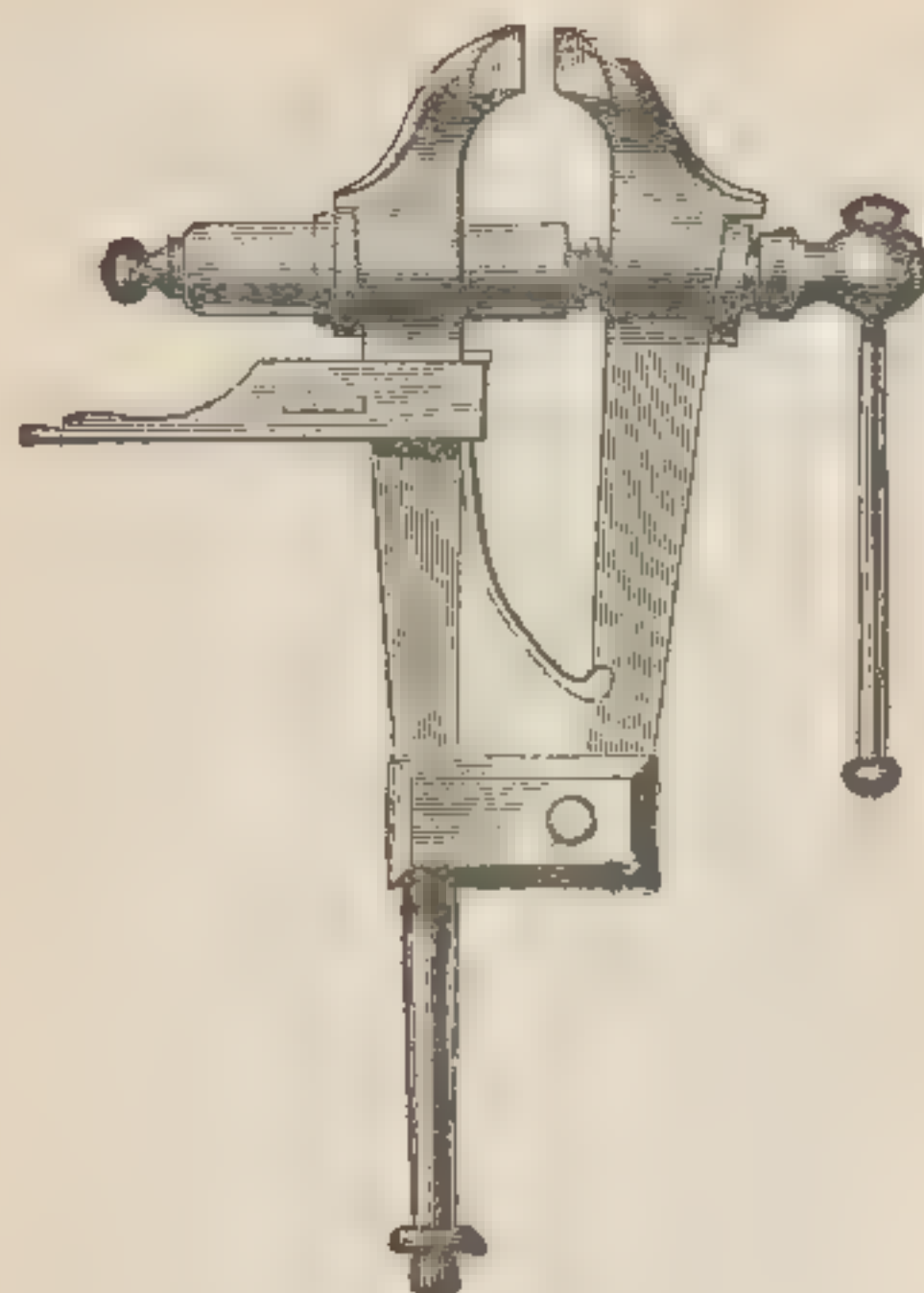
ALL REQUISITES FOR FRET SAW
WORK STOCKED—Holly, Walnut, and
Mahogany, $\frac{1}{8}$, 3-16, $\frac{1}{4}$ inch thick.

BOOKS on Fret work. CIRCULAR SAWS,
3, 4, 5, 6 inch. FILES, &c.

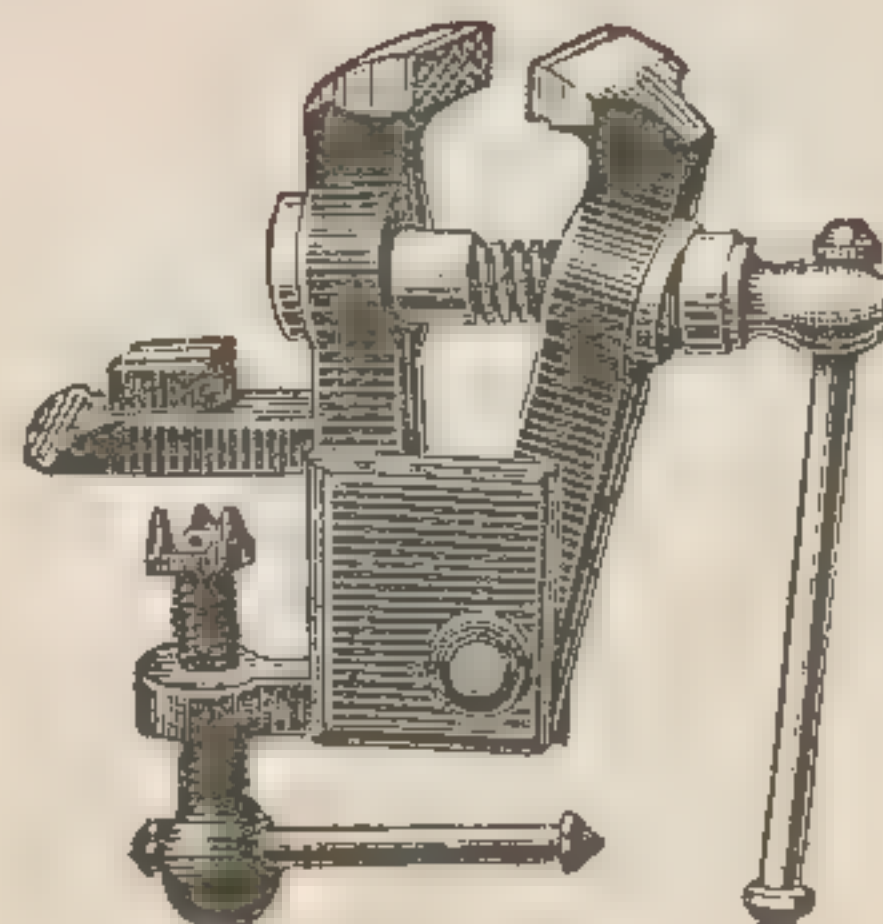


FRET WORK OUTFIT, in various qualities

Vices.



SOLID BOX STAPLE VICE.
28 to 200 lbs.
3½ to 7 inch jaw.



BENCH VICE.
½ to 6 lbs.



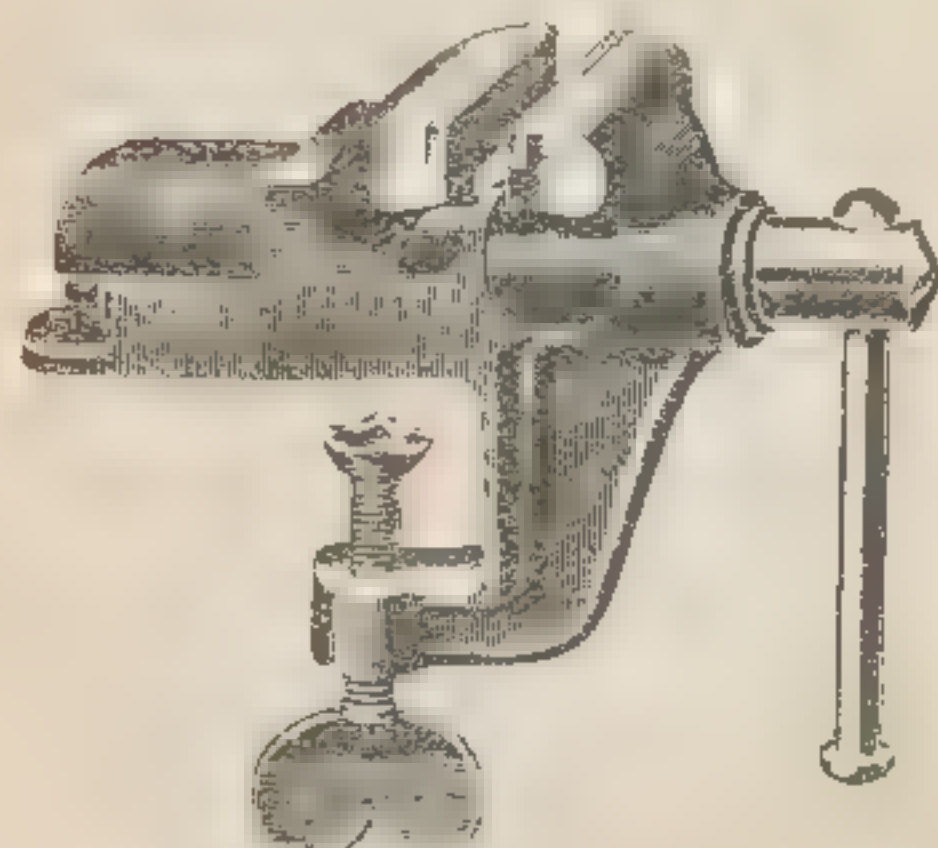
HAND VICE.
With shackle.
5½, 6 inch.



HAND VICE.
4, 4½, 5, 6 inch.



HAND VICE
With Handle.
4, 5 inch.



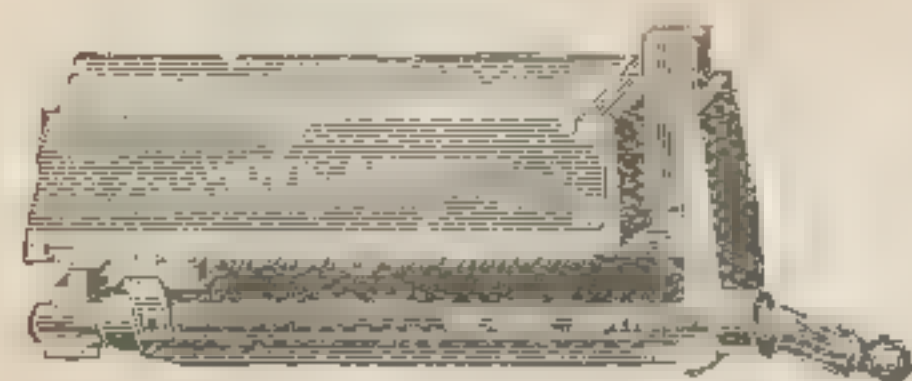
PARALLEL BENCH VICE.
2 to 7 lbs.



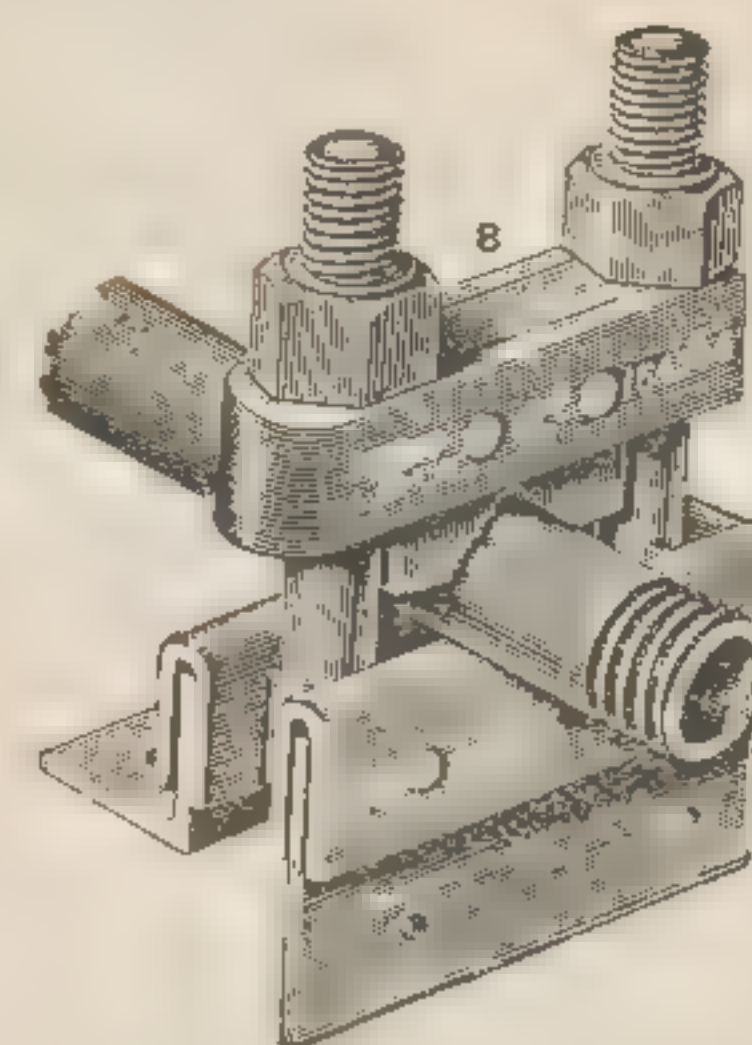
**IMPROVED BEST CAST STEEL
PARALLEL VICE.**

No. 00 opens 2in., width of jaw 2½in., weight 5½lbs.

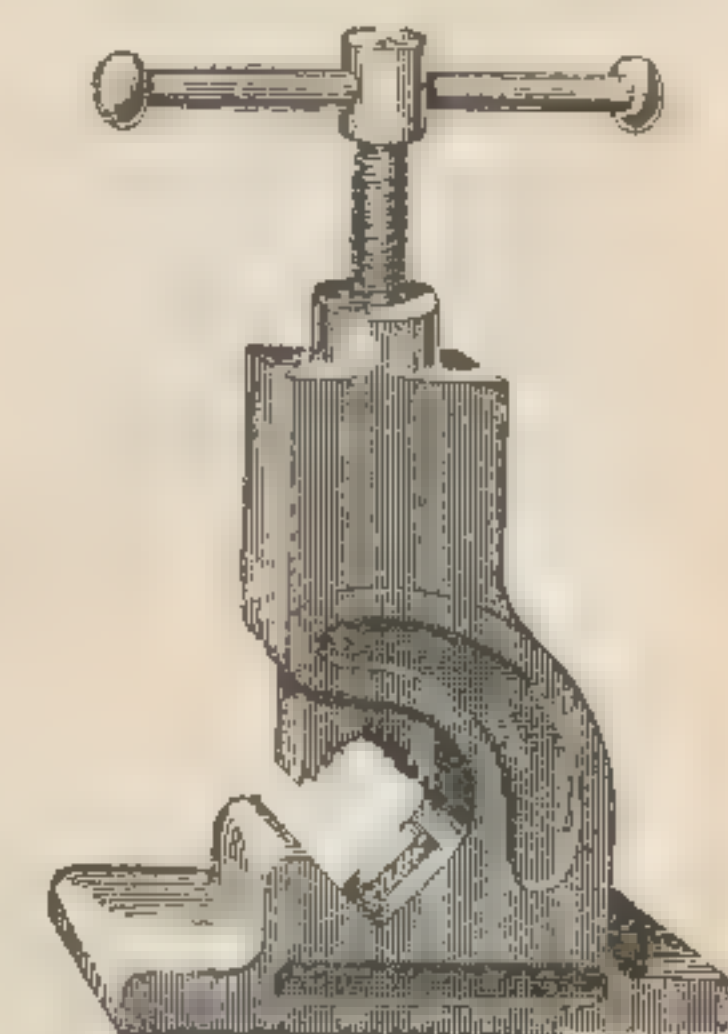
No.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																
Opens	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42	42½	43	43½	44	44½	45	45½	46	46½	47	47½	48	48½	49	49½	50	50½	51	51½	52	52½	53	53½	54	54½	55	55½	56	56½	57	57½	58	58½	59	59½	60	60½	61	61½	62	62½	63	63½	64	64½	65	65½	66	66½	67	67½	68	68½	69	69½	70	70½	71	71½	72	72½	73	73½	74	74½	75	75½	76	76½	77	77½	78	78½	79	79½	80	80½	81	81½	82	82½	83	83½	84	84½	85	85½	86	86½	87	87½	88	88½	89	89½	90	90½	91	91½	92	92½	93	93½	94	94½	95	95½	96	96½	97	97½	98	98½	99	99½	100
Weight	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	35½	36	36½	37	37½	38	38½	39	39½	40	40½	41	41½	42	42½	43	43½	44	44½	45	45½	46	46½	47	47½	48	48½	49	49½	50	50½	51	51½	52	52½	53	53½	54	54½	55	55½	56	56½	57	57½	58	58½	59	59½	60	60½	61	61½	62	62½	63	63½	64	64½	65	65½	66	66½	67	67½	68	68½	69	69½	70	70½	71	71½	72	72½	73	73½	74	74½	75	75½	76	76½	77	77½	78	78½	79	79½	80	80½	81	81½	82	82½	83	83½	84	84½	85	85½	86	86½	87	87½	88	88½	89	89½	90	90½	91	91½	92	92½	93	93½	94	94½	95	95½	96	96½	97	97½	98	98½	99	99½	100							



THE "LIGHTNING" JOINER'S VICE.
Width of Jaw 9in. Opens 12in.



FOOT PRINT PIPE VICE.
½ to ¾ inch. ½ to 1½ inch
½ to 3in.

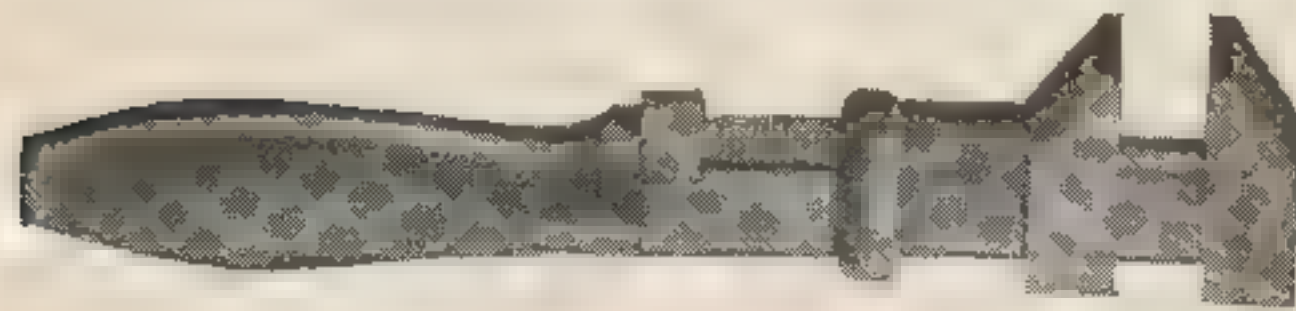


PIPE VICE.
No. 1, ½ to 1 inch.
" 2, ¾ to 2 "
" 3, 1 to 3 "

Vice Boxes and Screws Stocked.



AGRICULTURAL WRENCH.
6, 8, 10, 12, 15, 18 inch.



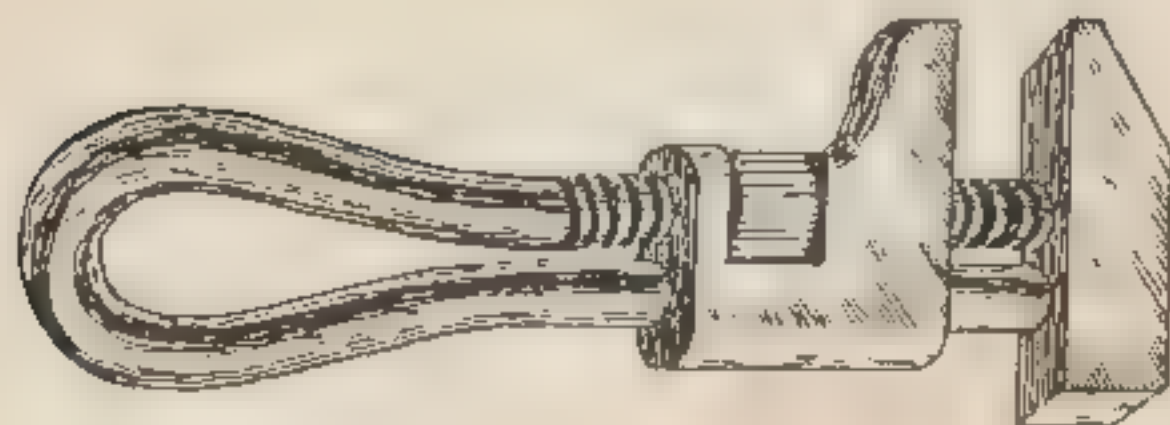
KNIFE HANDLE WRENCH.
6, 8, 10, 12, 15, 18 inch.



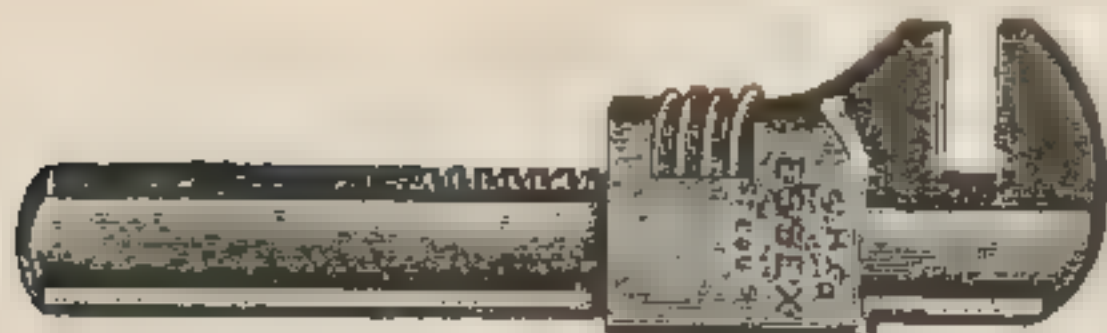
RAILROAD WRENCH.
10, 12 inch.



ACME WRENCH.
6, 8, 10, 12, 15 inch.



HERCULES WRENCH.
6, 8, 10, 12, 15 inch.

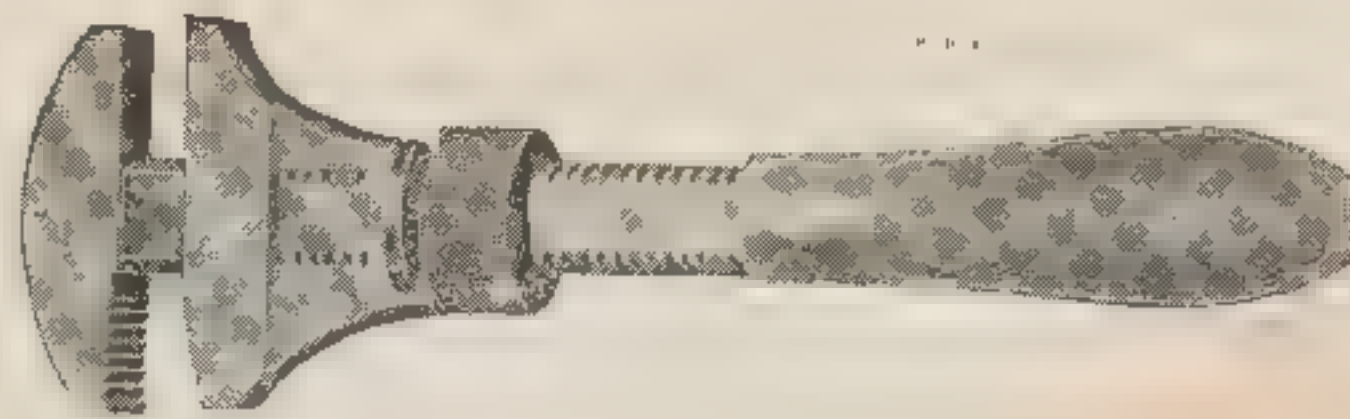


BICYCLE WRENCH, N.P.

Wrenches & Spanners.



TRIMO. PIPE WRENCHES.
8, 10, 14, 18in. extended.
Stillson's do. do.



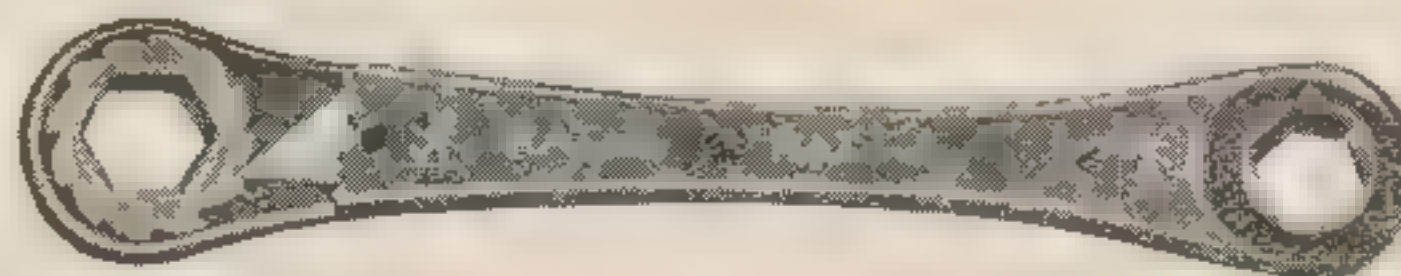
COMBINATION PIPE AND NUT WRENCH.
12in. and 14in.



CLYBURN SPANNER.
6, 8, 10, 12, 14, 15, 16, 18, 20, 24, 27in.



FOOT PRINT WRENCH.
(or for Pipe.)
 $\frac{1}{8}$ to $1\frac{1}{2}$ $\frac{1}{8}$ to $1\frac{1}{2}$ $\frac{1}{8}$ to $2\frac{1}{2}$ $\frac{1}{4}$ to 3 $\frac{1}{4}$ to 3 $\frac{1}{2}$ to $3\frac{3}{4}$
6 7 9 12 14 16
 $\frac{1}{2}$ to $4\frac{1}{4}$ inch.
21 „



RATCHET SPANNER.
To fit Nuts Square and Hexagon
 $\frac{1}{4}$ and 5-16in., 5-16 and $\frac{3}{8}$ in., $\frac{1}{2}$ and $\frac{5}{8}$ in.



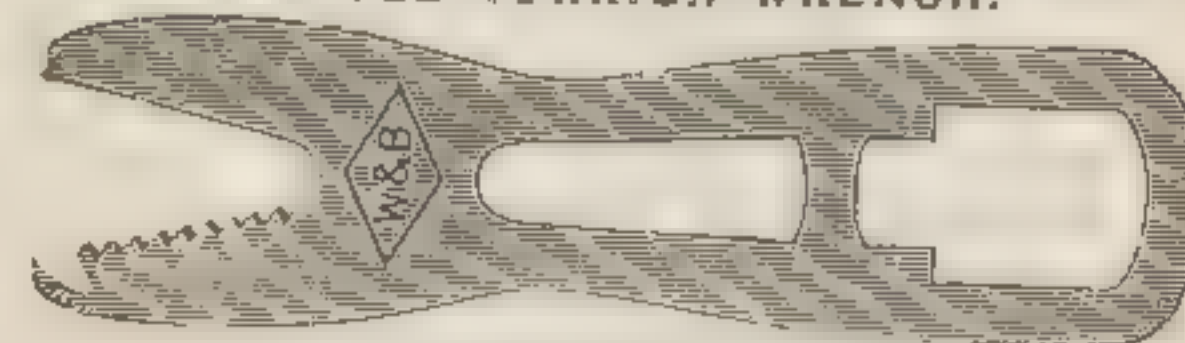
HAWKEYE WRENCH,
With 3 Recutting Dies



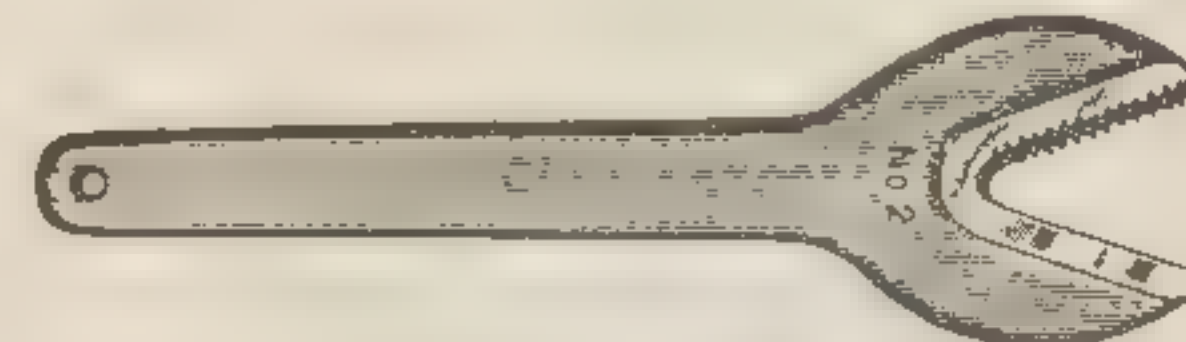
ALWAYS READY WRENCH.
Nos. 1, 2, 3.



BULL TERRIER WRENCH.



BULL DOG WRENCH.
Nos. 0, 1, $1\frac{1}{2}$, $1\frac{3}{4}$.

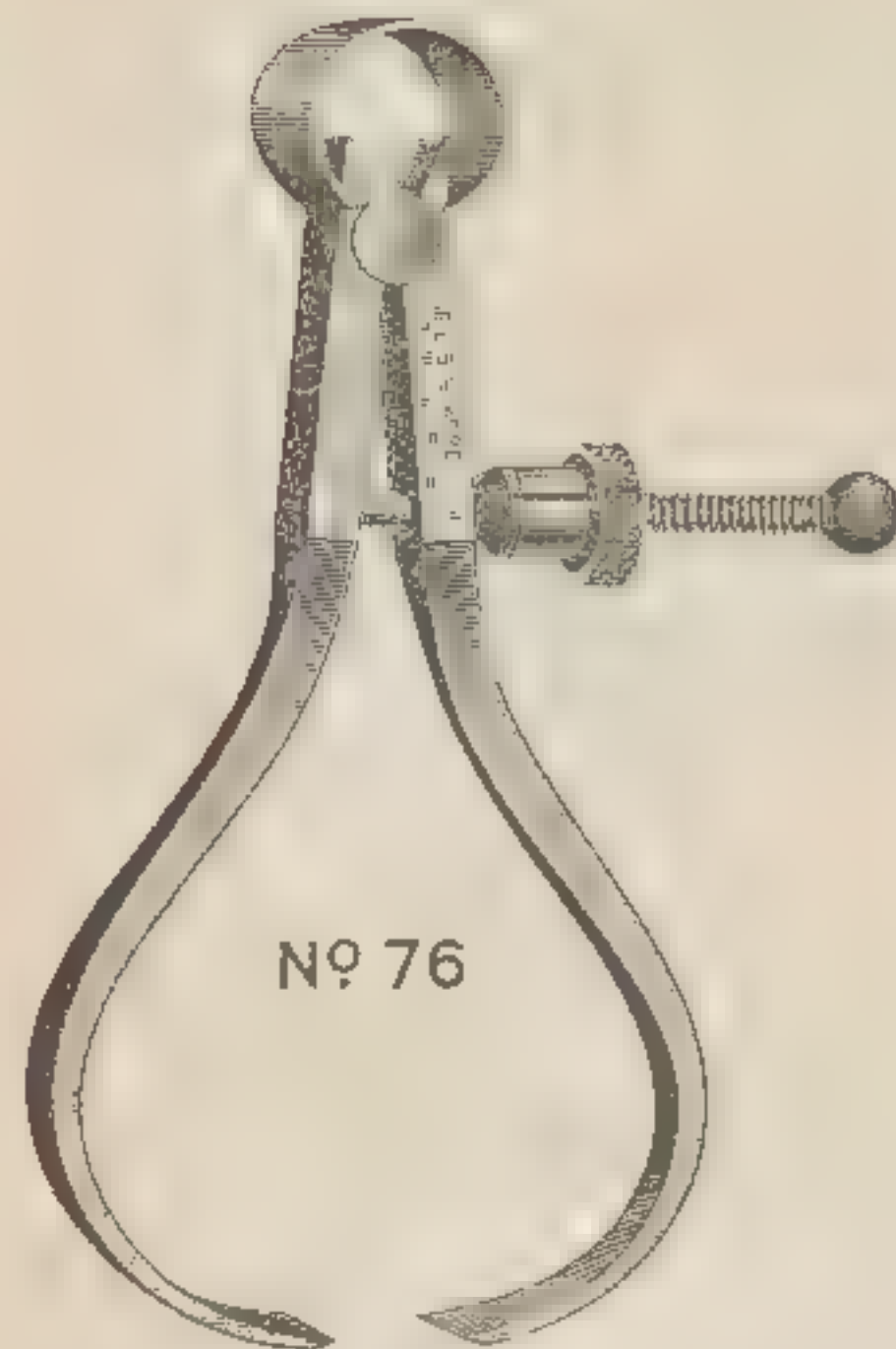


BULL DOG SPANNER.
Nos. 2, $2\frac{1}{2}$, 3.

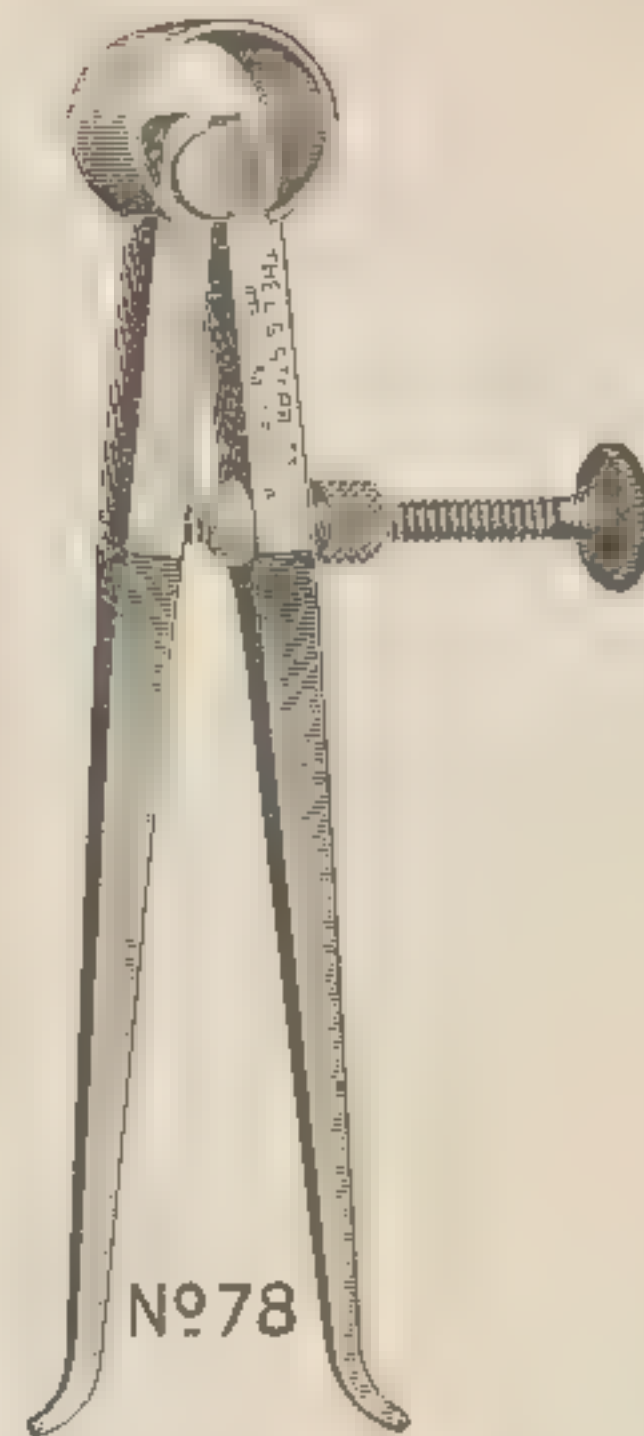


DOUBLE END SPANNER.
Malleable Steel, to fit the nuts of—
 $\frac{3}{8}$ to $\frac{1}{2}$.
 $\frac{1}{2}$ to $\frac{5}{8}$, $\frac{5}{8}$ to $\frac{3}{4}$, $\frac{3}{4}$ to $\frac{7}{8}$, $\frac{7}{8}$ to 1 inch Bolts.
Cast (Com.), with openings.
 $\frac{1}{4}$ and $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$, $\frac{7}{8}$ and 1, $1\frac{1}{8}$ and $1\frac{1}{4}$ in.

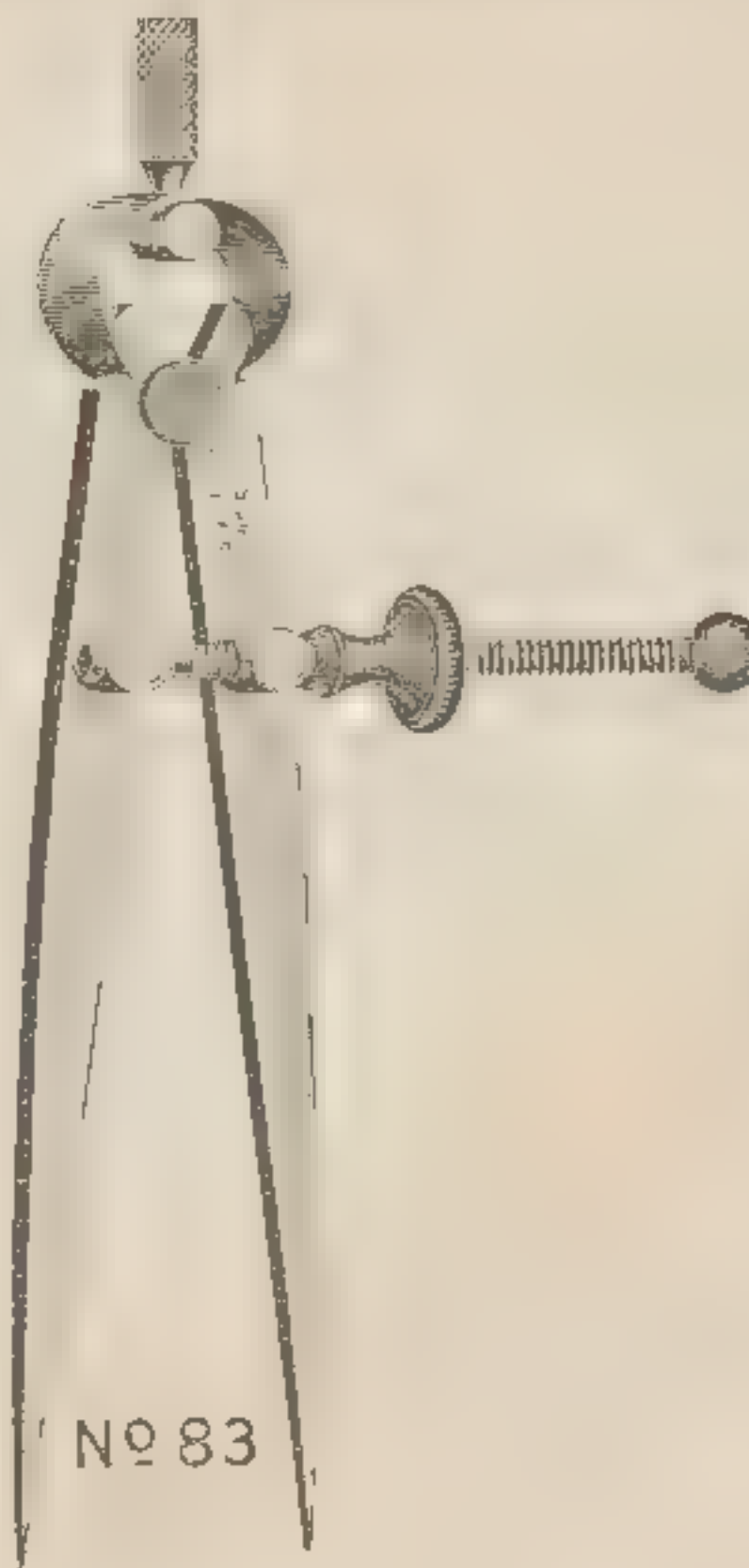
Starrett's Specialities.



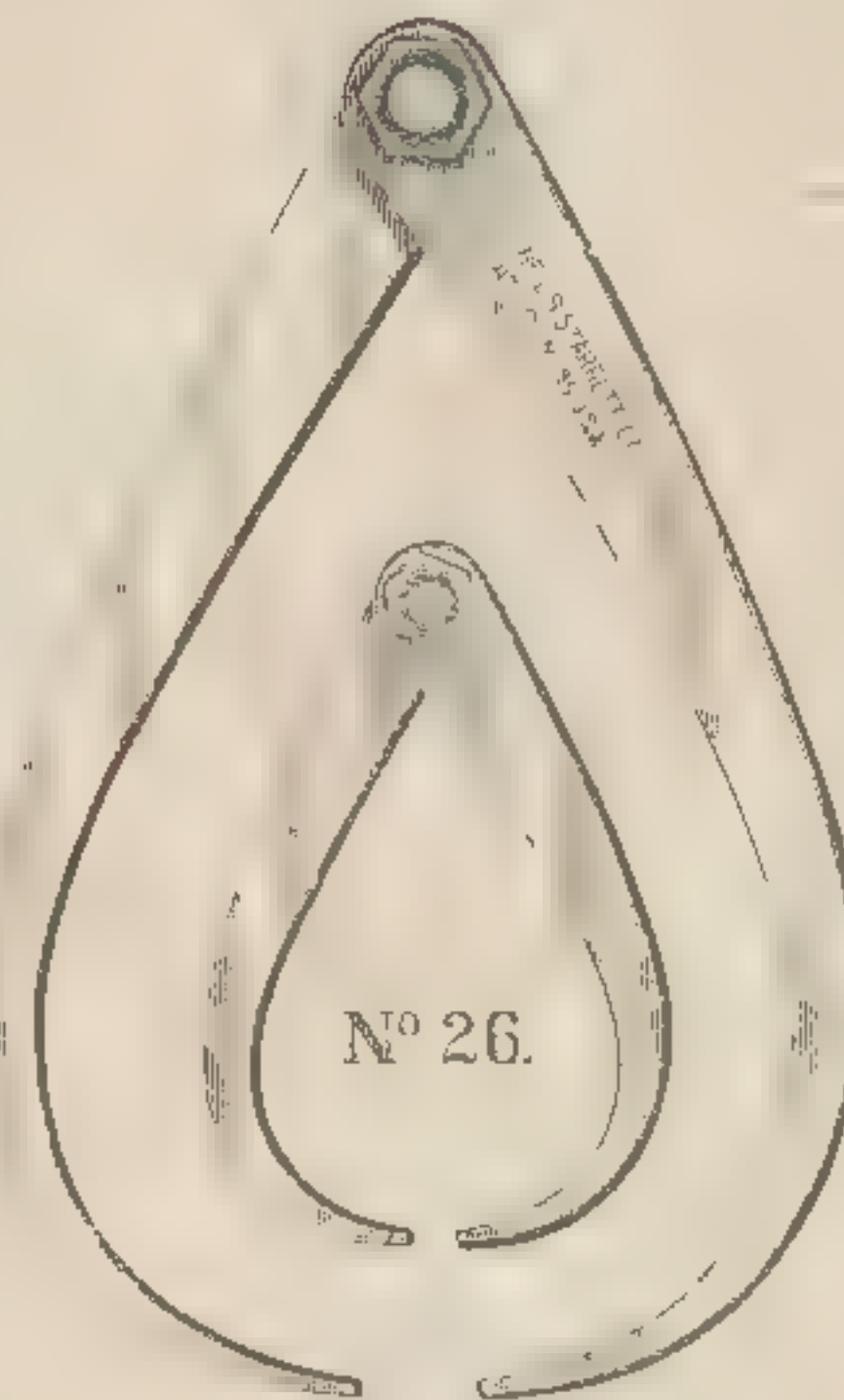
4 inch.
THE FAY PATENT THREAD
OUTSIDE CALLIPERS.



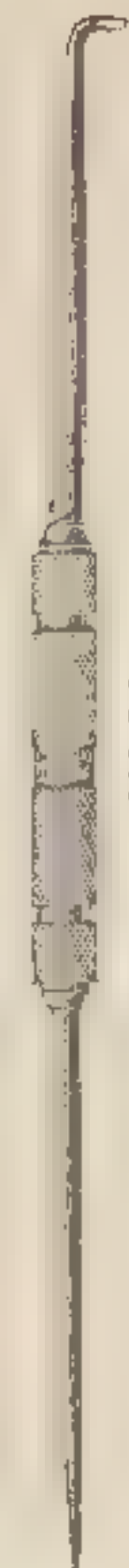
5 in.
THE FAY PATENT,
INSIDE CALLIPERS.



SPRING DIVIDERS,
4, 5, 6 inch.

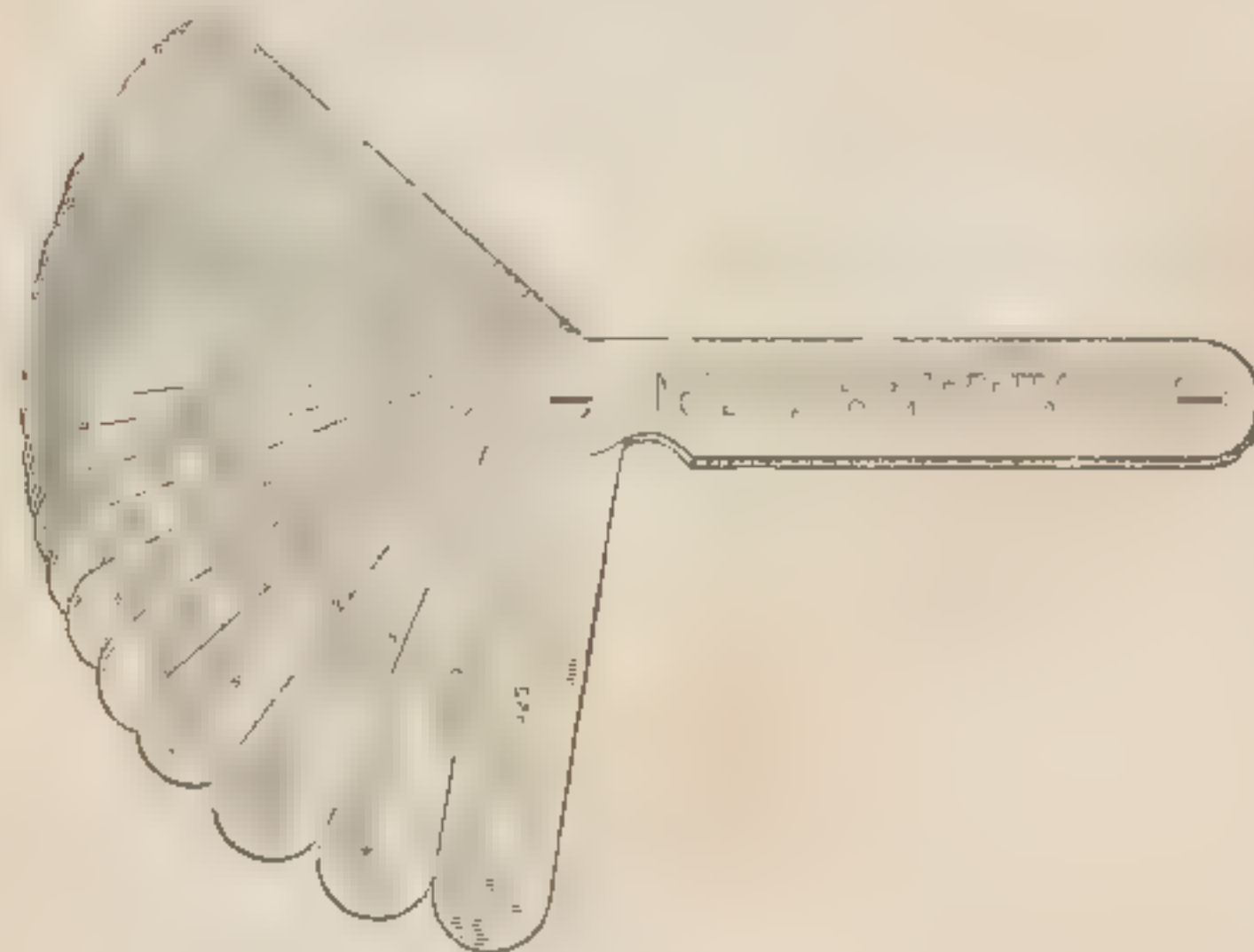


No. 26 Outside.
FIRM JOINT OUTSIDE CALLIPERS.
4, 6, 8 inch.
No. 27 do. do. Inside.
4in. 6in. 8in.



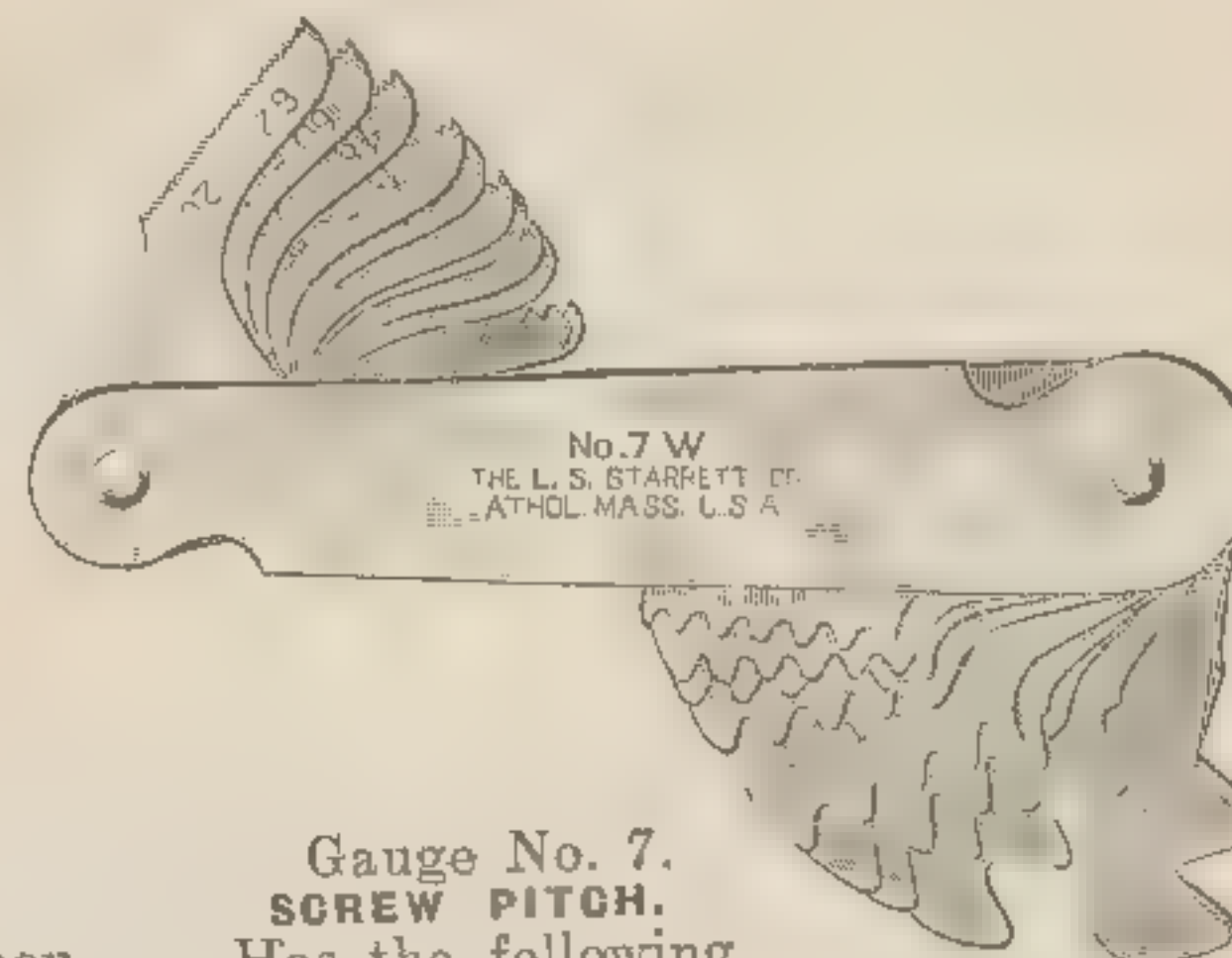
THE L.S. STARRETT CO. NO 68 ATHOL, MASS. U.S.A.

IMPROVED ADJUSTABLE SLEEVE SCRIBER.
The knurled sleeve has hole clear through and a clamping device at each end, adapting it for slipping on or off different tools, securely holding them near to or away from the working point. The knurled sleeve is nicked. Eight inches long.



THICKNESS GAUGE OR FEELER.

This gauge has 22 leaves, varying in thickness by thousandths, running from .004 to .025. The thickness of each leaf is designated by the number upon it. Each leaf may be used singly or in combination with others, and any thickness in thousandths within their limits may be quickly obtained. The leaves fold within the case, which is 2 1/4 inches long, a convenient size to carry in the pocket.



Gauge No. 7.
SCREW PITCH.

Has the following pitches: 4, 4 1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 40, 48, 60.



WHITWORTH SCREW PITCH.

Has the following pitches:—4, 4 1/2, 5, 5 1/2, 6, 7, 8, 9, 10, 11, 11 1/2, 18, 20, 22, 24, 26, 27, 28, 30. The teeth are sharp and clean cut. It can be used inside of a nut as well as on outside of a screw, or convenient and reliable tool to use as a 60-degree centre gauge and gauge to test the grinding of either an inside or outside threading tool.

Starrett's—Continued.

TIME SAVER DRILL TAP, AND STEEL WIRE GAUGE.

By the use of this gauge one is enabled to select at once the right sized drill to suit machine screw tap most commonly used, leaving just stock enough for the tap to cut as near a full thread as is practicable for one tap without breaking it, thus saving much time and uncertainty of result attending the former crude ways of making a selection.

Explaining the chart, the first row of figures, for an example, read thus: 14 x 20 10 1/4. The number 14 (in the first row of figures) means the number or size of tap; 20 the pitch or size of thread; 10 the size of drill to use which will leave the right stock for proper thread; and 1/4, size of drill to use to let this tap or screw through outside of the thread.

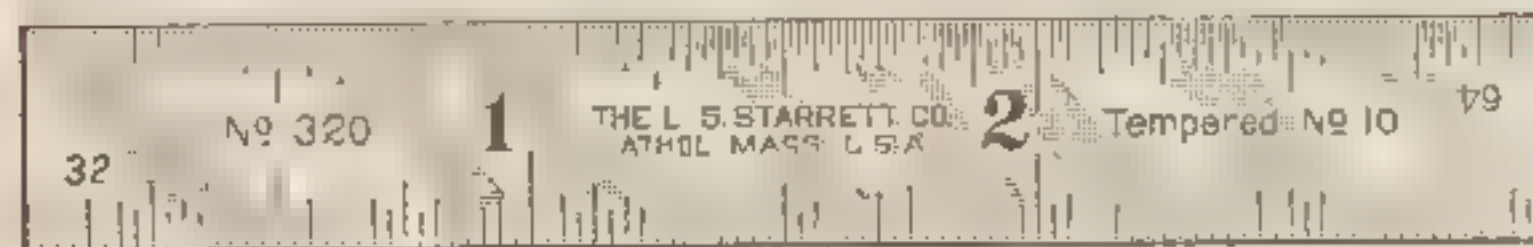
The figures 1, etc., up to 60 designate the number of drill (size agreeing with the holes). Other figures, 228, 221, etc., designate the size of hole in thousandths of an inch.

TIME C SAVER			
DRILL & TAP DRILL GAUGE			
CHART			
FOR MACHINE SCREW TAPS			
THE L S STARRETT CO.			
ATHOL, MASS., U.S.A.			
SIZE OF TAP	DRILL BODY DRILL	DECIMAL EQUIVALENTS	
14X20	10 1/4	1 228	28 60
14X24	6 1/4	2 140	32 59
12X24	15 1	3 144	31 58
11X24	19 3	4 147	30 57
10X24	23 9	5 148	29 56
10X32	20 9	6 152	28 55
9X32	24 13	7 154	27 54
8X32	28 18	8 157	26 53
7X32	30 22	9 159	25 52
6X32	33 27	10 161	24 51
5X40	36 29	11 166	23 50
4X36	41 31	12 169	22 49
3X48	44 37	13 173	21 48
2X56	48 42	14 177	20 47
		15 180	19 46
		16 182	18 45
		17 185	17 44
		18 188	16 43
		19 191	15 42
		20 193	14 41
		21 195	13 40
		22 198	12 39
		23 201	11 38
		24 204	10 37
		25 206	9 36
		26 209	8 35
		27 213	7 34
		28 215	6 33
		29 217	5 32
		30 221	4 31
		31 225	3 30
		32 228	2 29
		33 231	1 28
		34 234	0 27
		35 237	0 26
		36 240	0 25
		37 243	0 24
		38 246	0 23
		39 249	0 22
		40 252	0 21
		41 255	0 20
		42 258	0 19
		43 261	0 18
		44 264	0 17
		45 267	0 16
		46 270	0 15
		47 273	0 14
		48 276	0 13
		49 279	0 12
		50 282	0 11
		51 285	0 10
		52 288	0 9
		53 291	0 8
		54 294	0 7
		55 297	0 6
		56 300	0 5
		57 303	0 4
		58 306	0 3
		59 309	0 2
		60 312	0 1
		61 315	0 0
		62 318	0 0
		63 321	0 0
		64 324	0 0
		65 327	0 0
		66 330	0 0
		67 333	0 0
		68 336	0 0
		69 339	0 0
		70 342	0 0
		71 345	0 0
		72 348	0 0
		73 351	0 0
		74 354	0 0
		75 357	0 0
		76 360	0 0
		77 363	0 0
		78 366	0 0
		79 369	0 0
		80 372	0 0
		81 375	0 0
		82 378	0 0
		83 381	0 0
		84 384	0 0
		85 387	0 0
		86 390	0 0
		87 393	0 0
		88 396	0 0
		89 399	0 0
		90 402	0 0
		91 405	0 0
		92 408	0 0
		93 411	0 0
		94 414	0 0
		95 417	0 0
		96 420	0 0
		97 423	0 0
		98 426	0 0
		99 429	0 0
		100 432	0 0
		101 435	0 0
		102 438	0 0
		103 441	0 0
		104 444	0 0
		105 447	0 0
		106 450	0 0
		107 453	0 0
		108 456	0 0
		109 459	0 0
		110 462	0 0
		111 465	0 0
		112 468	0 0
		113 471	0 0
		114 474	0 0
		115 477	0 0
		116 480	0 0
		117 483	0 0
		118 486	0 0
		119 489	0 0
		120 492	0 0
		121 495	0 0
		122 498	0 0
		123 501	0 0
		124 504	0 0
		125 507	0 0
		126 510	0 0
		127 513	0 0
		128 516	0 0
		129 519	0 0
		130 522	0 0
		131 525	0 0
		132 528	0 0
		133 531	0 0
		134 534	0 0
		135 537	0 0
		136 540	0 0
		137 543	0 0
		138 546	0 0
		139 549	0 0
		140 552	0 0
		141 555	0 0
		142 558	0 0
		143 561	0 0
		144 564	0 0
		145 567	0 0
		146 570	0 0
		147 573	0 0
		148 576	0 0
		149 579	0 0
		150 582	0 0
		151 585	0 0
		152 588	0 0
		153 591	0 0
		154 594	0 0
		155 597	0 0
		156 600	0 0
		157 603	0 0
		158 606	0 0
		159 609	0 0
		160 612	0 0
		161 615	0 0
		162 618	0 0
		163 621	0 0
		164 624	0 0
		165 627	0 0
		166 630	0 0
		167 633	0 0
		168 636	0 0
		169 639	0 0
		170 642	0 0
		171 645	0 0
		172 648	0 0
		173 651	0 0
		174 654	0 0
		175 657	0 0
		176 660	0 0
		177 663	0 0
		178 666	0 0
		179 669	0 0
		180 672	0 0
		181 675	0 0
		182 678	0 0
		183 681	0 0
		184 684	0 0
		185 687	0 0
		186 690	0 0
		187 693	0 0
		188 696	0 0
		189 699	0 0
		190 702	0 0
		191 705	0 0
		192 708	0 0
		193 711	0 0
		194 714	0 0
		195 717	0 0
		196 720	0 0
		197 723	0 0
		198 726	0 0
		199 729	0 0
		200 732	0 0
		201 735	0 0
		202 738	0 0
		203 741	0 0
		204 744	0 0
		205 747	0 0
		206 750	0 0
		207 753	0 0
		208 756	0 0
		209 759	0 0
		210 762	0 0
		211 765	0 0
		212 768	0 0
		213 771	0 0
		214 774	0 0
		215 777	0 0
		216 780	0 0
		217 783	0 0
		218 786	0 0
		219 789	0 0
		220 792	0 0
		221 795	0 0
		222 798	0 0
		223 801	0 0
		224 804	0 0
		225 807	0 0
		226 810	0 0
		227 813	0 0
		228 816	0 0
		229 819	0 0
		230 822	0 0
		231 825	0 0
		232 828	0 0
		233 831	0 0
		234 834	0 0
		235 837	0 0
		236 840	0 0
		237 843	0 0
		238 846	0 0
		239 849	0 0
		240 852	0 0
		241 855	0 0
		242 858	0 0
		243 861	0 0
		244 864	0 0
		245 867	0 0
		246 870	0 0
		247 873	0 0
		248 876	0 0
		249 879	0 0
		250 882	0 0
		251 885	0 0
		252 888	0 0
		253 891	0 0
		254 894	0 0
		255 897	0 0
		256 900	0 0
		257 903	0 0
		258 906	0 0
		259 909	0 0
		260 912	0 0
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		267 933	0 0
		268 936	0 0
		269 939	0 0
		270 942	0 0
		271 945	0 0
		272 948	0 0
		273 951	0 0
		274 954	0 0
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		276 960	0 0
		277 963	0 0
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		279 969	0 0
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		283 981	0 0
		284 984	0 0
		285 987	0 0
		286 990	0 0
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		288 996	0 0
		289 999	0 0
		290 1002	0 0
		291 1005	0 0
		292 1008	0 0
		293 1011	0 0
		294 1014	0 0
		295 1017	0 0
		296 1020	0 0
		297 1023	0 0
		298 1026	0 0
		299 1029	0 0
		300 1032	0 0
		301 1035	0 0
		302 1038	0 0
		303 1041	0 0
		304 1044	0 0
		305 1047	0 0
		306 1050	0 0
		307 1053	0 0
		308 1056	0 0
		309 1059	0 0
		310 1062	0 0
		311 1065	0 0
		312 1068	0 0
		313 1071	0 0
		314 1074	0 0
		315 1077	0 0
		316 1080	0 0
		317 1083	0 0
		318 1086	0 0
		319 1089	0 0
		320 1092	0 0
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		345 1167	0 0
		346 1170	0 0
		347 1173	0 0
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		371 1245	0 0
		372 1248	0 0
		373 1251	0 0
		374 1254	0 0
		375 1257	0 0
		376	

STARRETT'S
3½ INCH BENCH LEVEL.
No 130 PRICE 40 ¢

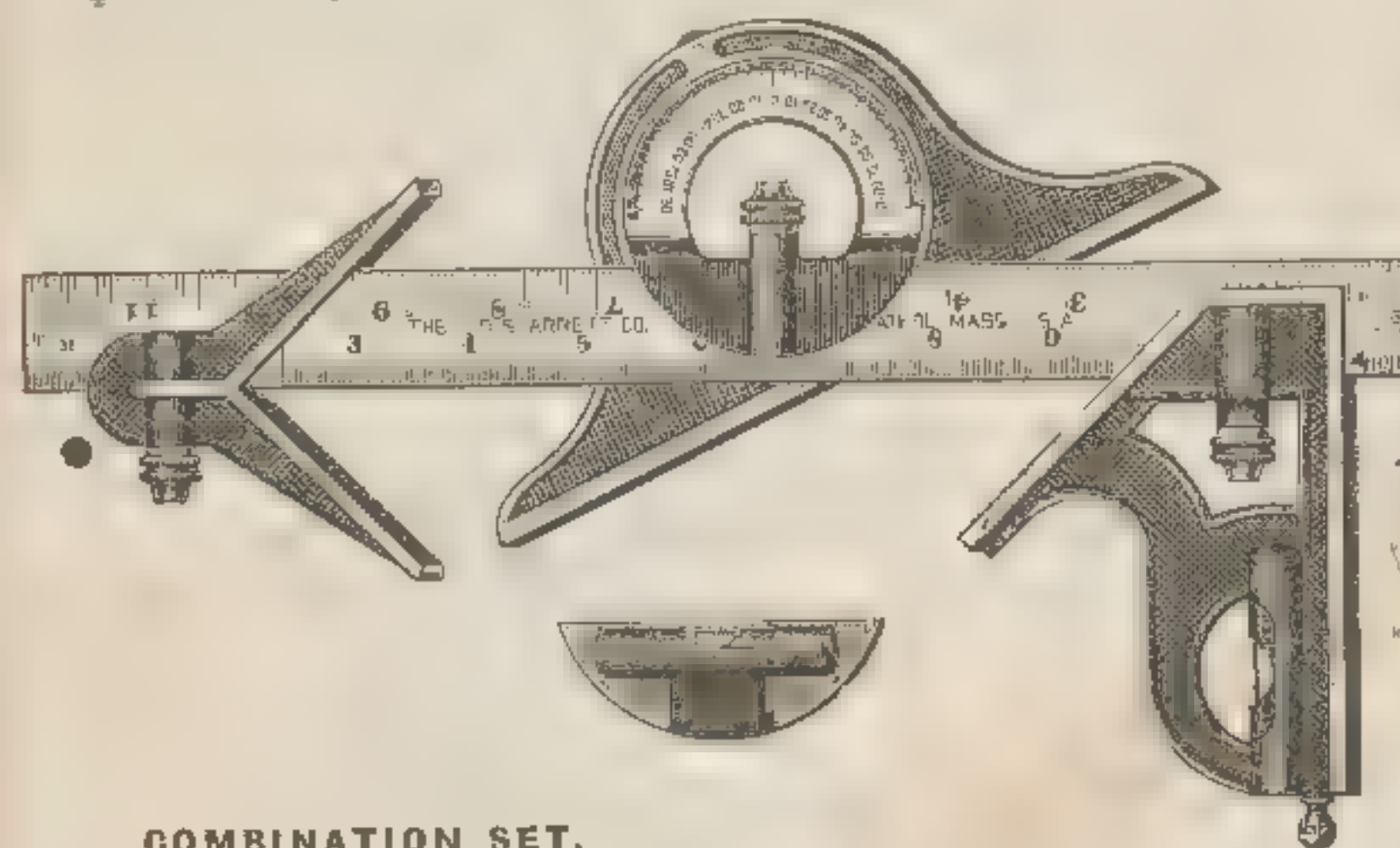


BENCH LEVEL.
3½ inch.



FLEXIBLE RULE. 4 and 6 inches.

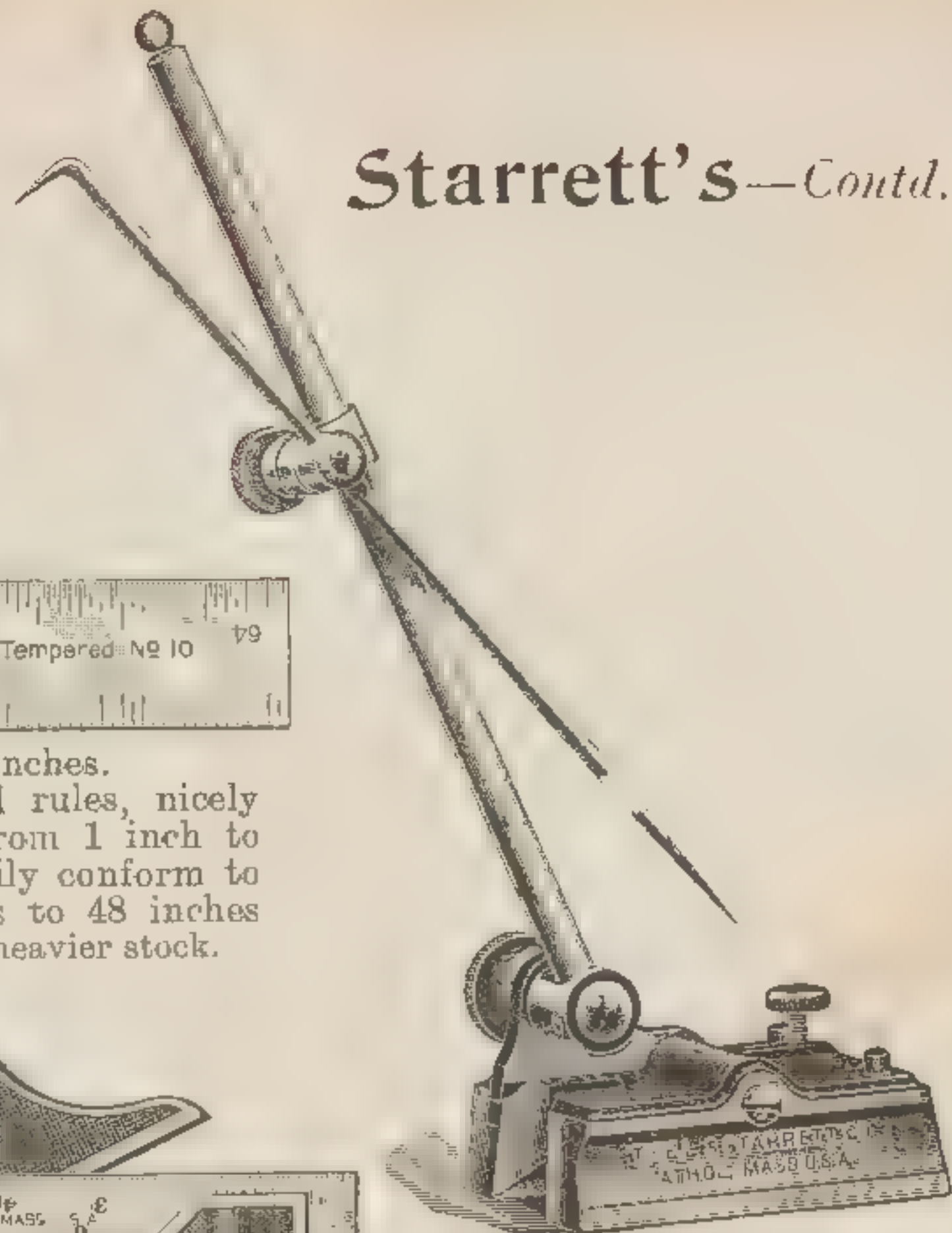
These are very thin spring-tempered rules, nicely graduated on one side only. Those from 1 inch to 12 inches are ½ inch wide, and will easily conform to a 2-inch circle. Those from 18 inches to 48 inches are ¾ inch wide, and are made from a trifle heavier stock.



COMBINATION SET.
No. 9. 12 inch.

This cut shows Combination Square, with centre head and 7 inch Bevel Protractor head. Each head may be instantly removed, or replaced and used interchangeably with the scale, thus forming the most useful combination set of tools ever devised for mechanics' use.

Starrett's—Contd.



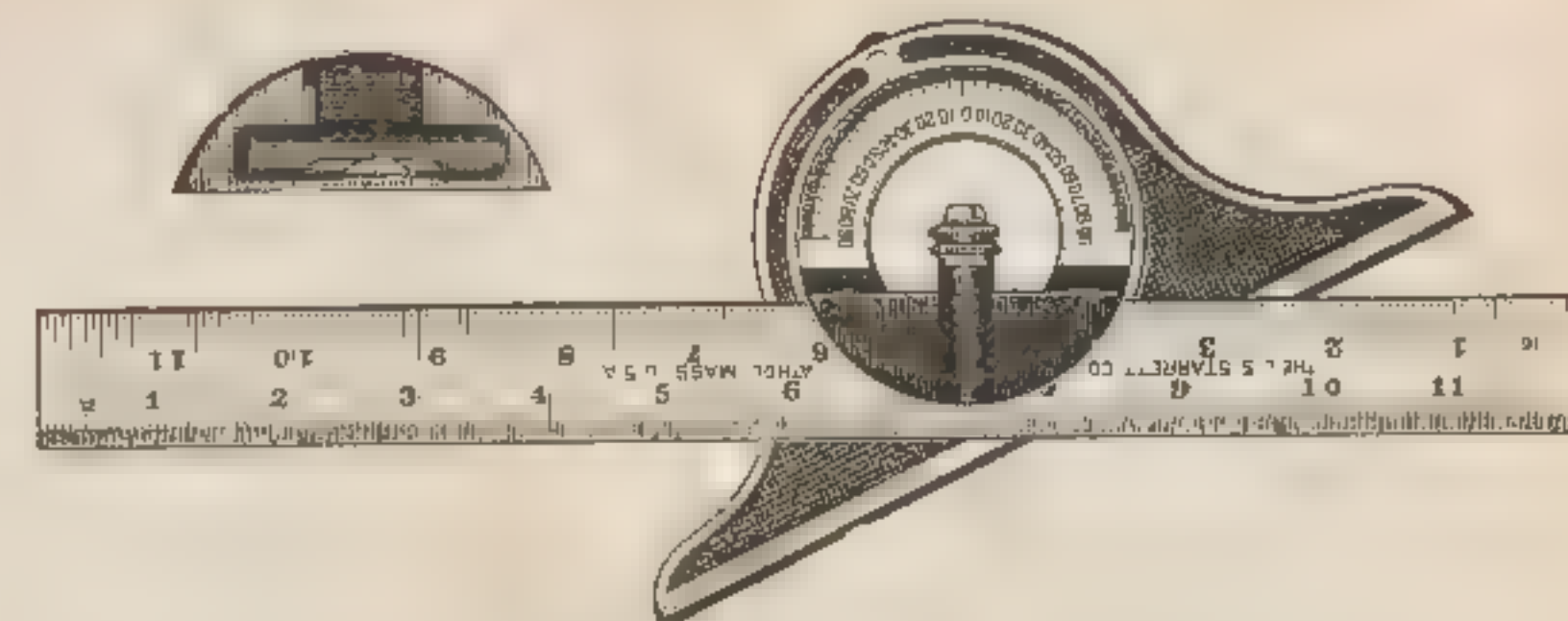
NEW UNIVERSAL SURFACE GAUGE.
3 inch base, with 9 inch Spindle.

This gauge has the latest improvements, which make it all that can be desired, possessing the following points of merit:—
Heavy base, grooved through the bottom and end, adapting it for use on or against circular work as well as flat surfaces.

The spindle passes through a rotating head, jointed to a locking bracket, pivoted in base. Said bracket being adjusted by a knurled screw in one end against a stiff spring in the other, the spindle may be set upright or at any angle, or turned so as to work under the base and be sensitively adjusted to any position. The snug and head carrying the scriber are so made that when the clamp nut is loosened, all may be freely moved to any position and by friction springs retained in place until a slight turn of the clamp nut holds them firm.

In the rear end of the base are two gauge pins frictionally held, which may be pushed to bear against the edge of a surface plate or in the slot of a planer bed for lineal work.

For small work the spindle may be removed and the scriber inserted in hole provided where it can be sensitively adjusted and used to advantage on bench work.

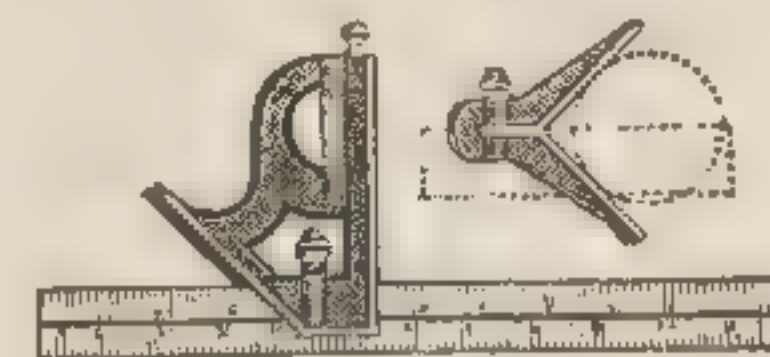


IMPROVED BEVEL PROTRACTOR.

An adjustable rule, held firmly at any point by a thumb nut, passes through a revolving turret, which is nicely graduated in degrees from 0 to 90, both right and left, and can be accurately adjusted to show any angle.

A valuable auxiliary is made in the shape of a small level to be attached in place of the rule removed, forming an adjustable level to show any degree, thus greatly increasing the usefulness of the instrument.

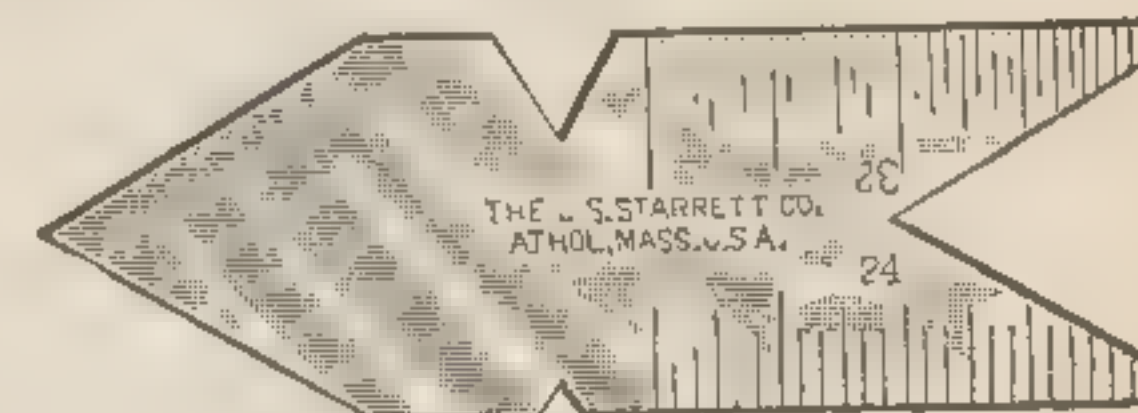
As the use of the level is only occasional, however, as compared with that of the protractor, the level is not made a part of the protractor head, as in imitations of this tool, because it would thereby become as inconvenient when not needed as it is useful when actually wanted, and would be much more liable to be broken.



PATENT COMBINATION SQUARE.

6 and 12 inch.

Every tool warranted accurate. With the adjustable scale this forms one of the most convenient and useful tools ever devised for mechanics' use. It is a complete substitute for a whole set of common try squares, and is one of the best gauges made for transferring exact measurements or laying out work. It is also convenient for a depth gauge, or to square in a mortice. For a mitre it is perfect, while with the auxiliary centre head it forms a centering square, both inside and outside, which for convenience and accuracy has no equal. The blades are hardened and graduated with heavy figures, reading both ways.



CENTRE GAUGE.

For use in grinding and setting screw cutting Tools.

THE L.S. STARRETT CO.
ATHOL, MASS., U.S.A.

STARRETT'S NO. 61 RELIABLE TRY SQUARES.

BLADE WITH HARDENED EDGE, NOT GRADUATED.

LENGTH OF BLADE LENGTH OF BEAM.

4 in.	2 1/2 N.
5 "	3 "
6 "	3 3/4 "
9 "	5 1/4 "
12 "	6 "

No. 61

RELIABLE TRY SQUARE.

6 inch.

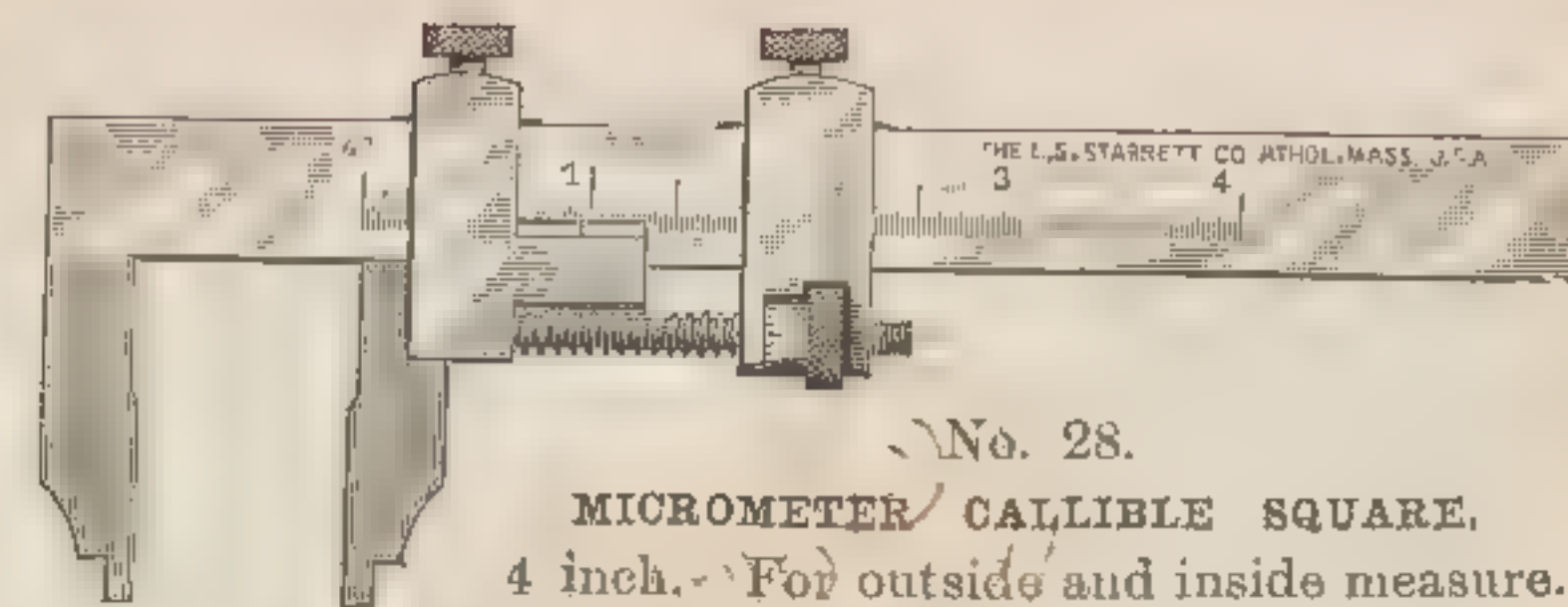
Starrett's—Continued

NO. 425
THE L.S. STARRETT CO.
ATHOL, MASS. U.S.A.

No. 425.

POCKET SLIDE CALLIPERS.

3 inch.



No. 28.

MICROMETER CALLIBLE SQUARE.

4 inch. For outside and inside measure.

This instrument enables one to enlarge or decrease work one or more thousandths from that callipered, and fills the bill for both a first-class calliper square and micrometer of large scope and quick adjustment. The jaws are 1 1/2 inches long, hardened, and open four inches. One side of the beam is graduated in 64ths and the other in 40ths; and either side may be used as a common calliper square, or, through the micrometer, to show 1,000ths full length, on either inside or outside work.

An excellent feature of this instrument is the spiral spring between jaw and clasp, which not only takes up all backlash, but limits the pressure against the work to strength of spring. This is instantly felt through released pressure on the nut, and prevents springing the jaws, thus callipering to a nicety.

No. 47.

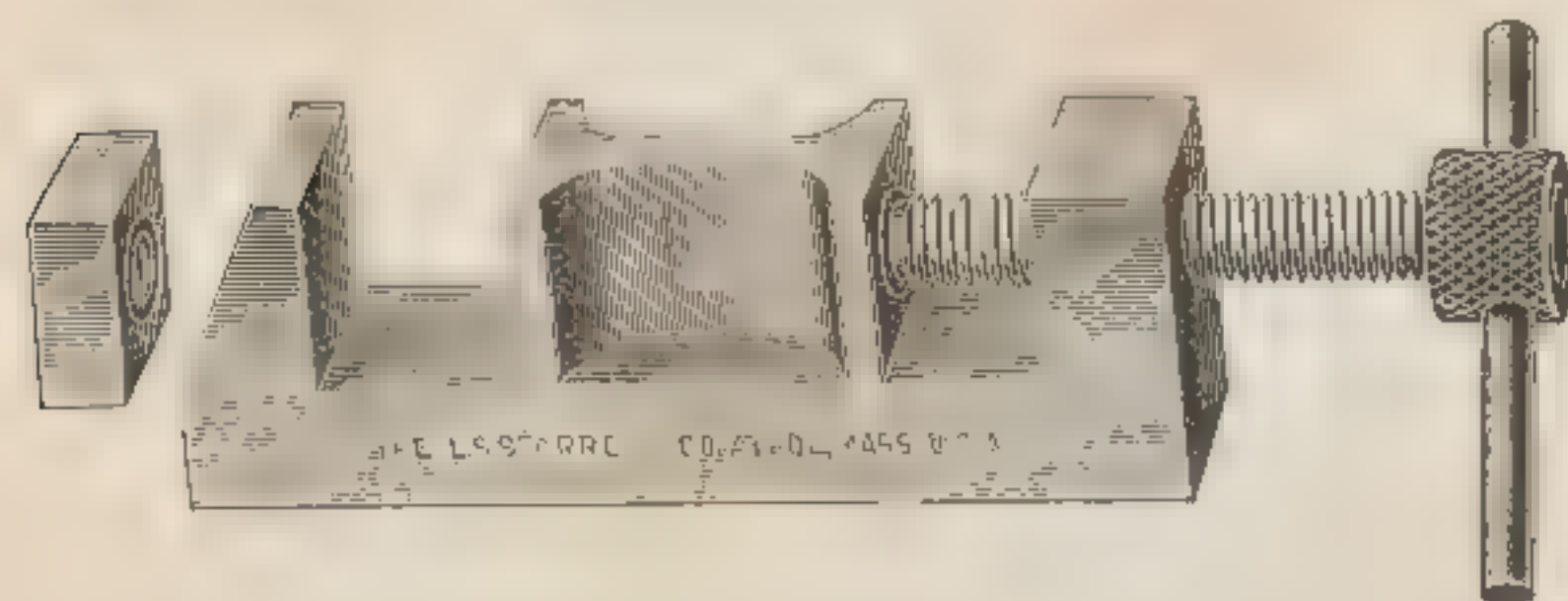
9 inch.

Length of Stock, 4 1/2 inch.

The advantages of this bevel over any other tool of this kind made, consist in its having not only the blade slotted but the stock as well through and through, thus admitting adjustments that cannot be obtained with a common bevel. The clamping screw head, which the cut does not show is let into a rabbet, flush with the surface of the stock which will lie flat on the work.

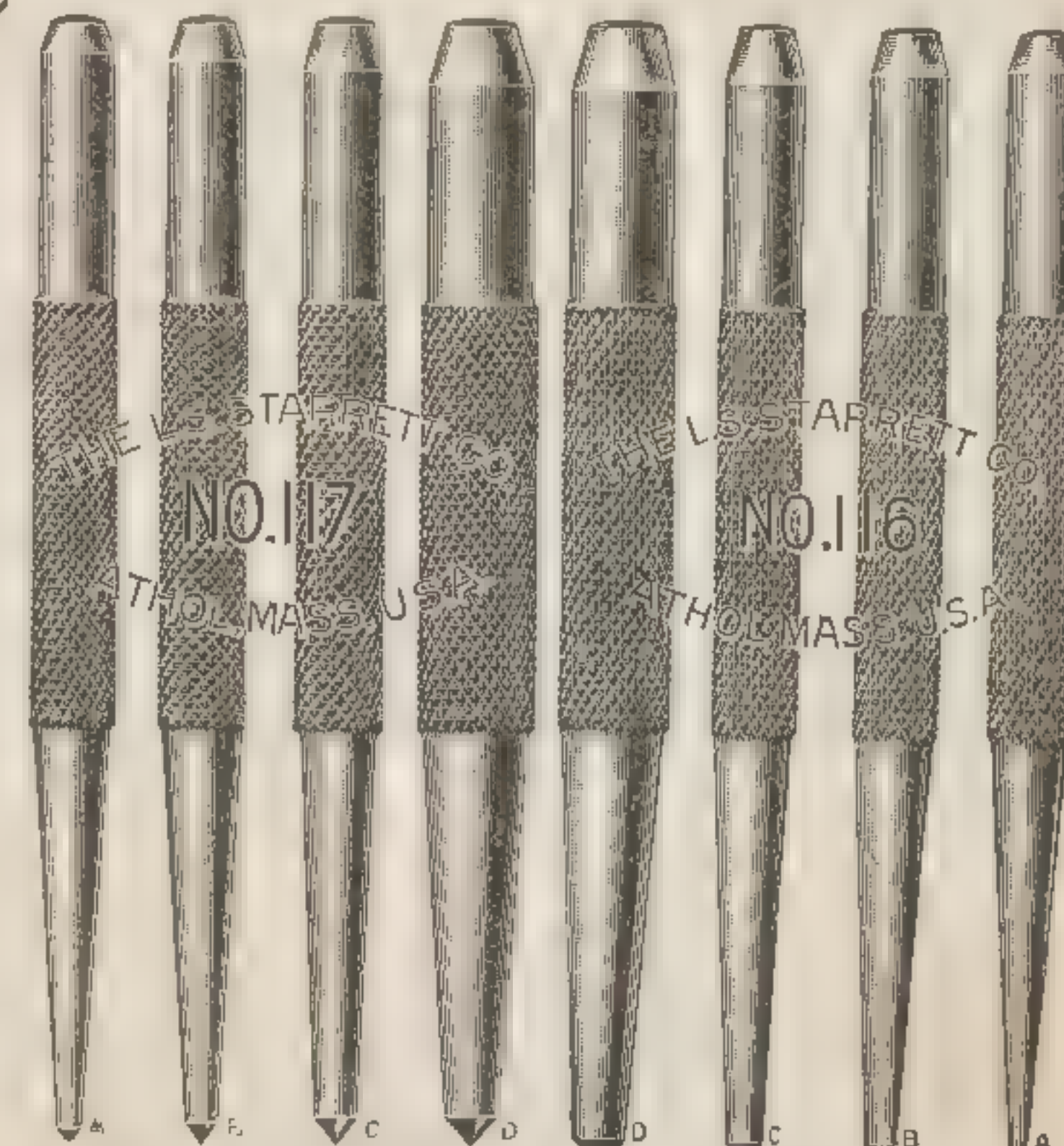
COMBINATION BEVEL.

This bevel has a stud riveted in the straight edge stock or head on which its split blade is hinged, so as to swing over the stock and be clamped at any angle. The slotted auxiliary blade with clamp bolt may be slipped on to the split blade and be clamped at any desired angle and used, in combination with the stock of the other for laying out work measuring, or showing any angle desired, and when so combined will lie flat upon its work. The stock is about 4 inches long.



No. 160. TOOLMAKERS' STEEL CLAMPS.

These clamps are made from drop forgings, nicely finished, case-hardened and have take-up blocks to slip on and off end of screw, and are held to same in a novel manner. They will hold work square and parallel for laying out on surface plates, fitting or drilling. A round piece may be rigidly held in two of the clamps and drilled on an upright, central and parallel. Put up and sold in pairs. With the small block in use, the capacity of the smaller clamp is a little over one inch and that of the larger clamp two inches.



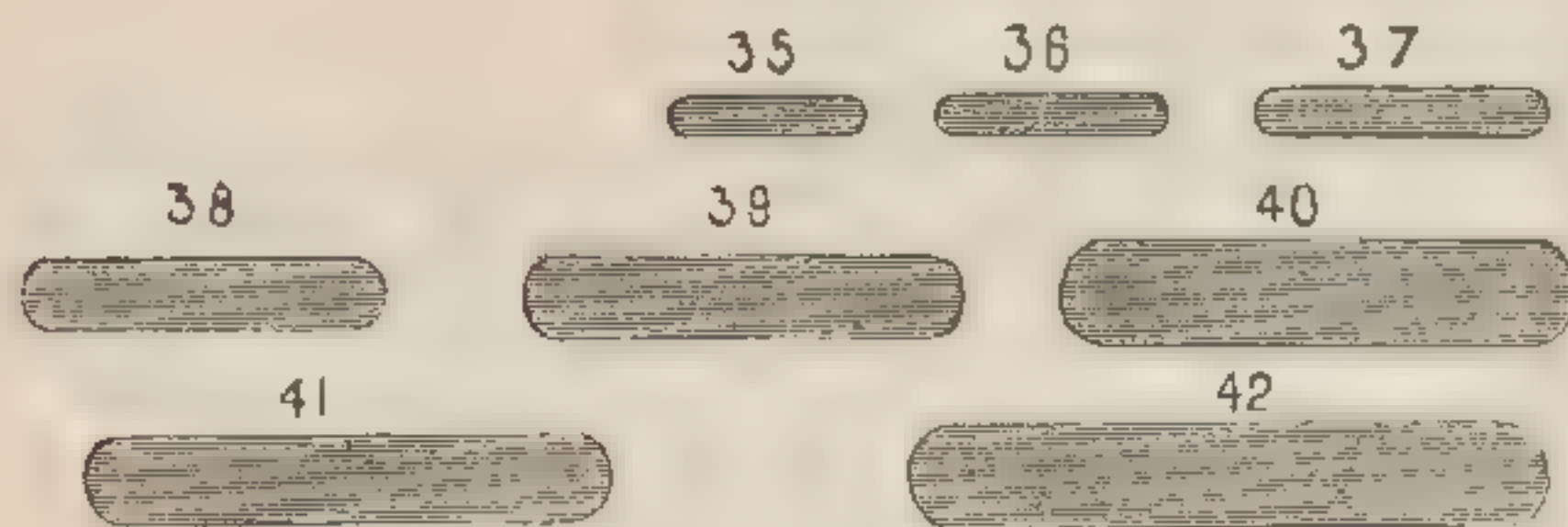
MACHINISTS' CENTRE PUNCHES.

NAIL SETS.

Made of a fine grade of steel both ends hardened, centres nicely knurled, tips concaved, tops oval, and the size just right.

Length of each size 4 inches Diameter at tip, A 1 1/16 inch.
B 3/32 inch, C 1/8 inch, D 5/32 inch.

Saddlers' Tools.



CREW PUNCHES.
Exact sizes.



ROUND PUNCHES.
Exact sizes.



OVAL PUNCHES. Exact sizes.



DOUBLE CREASE.



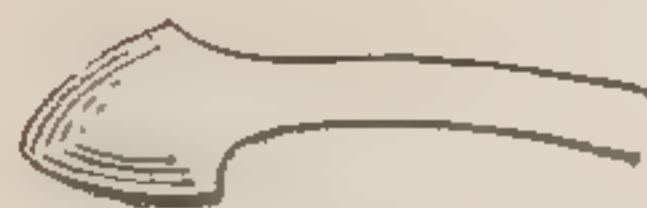
AM. OVERSTITCH WHEEL.



NAIL CLAW.



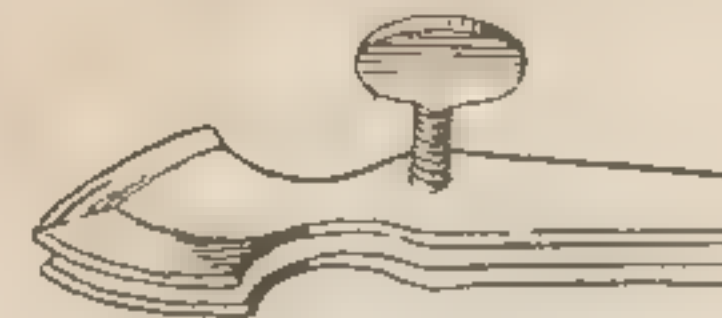
FLAP EDGE IRON.



SINGLE CREASE.



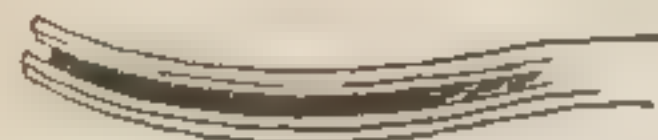
BEVEL CREASE.



SCREW CREASE.



WOOD CREASE.



EDGE SHAVE.



PRICKING WHEEL CARRIAGE.



PINKING IRON. $\frac{1}{2}$ to $1\frac{1}{2}$ inch.



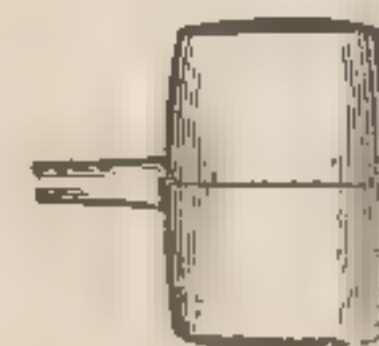
SEAT STEEL.



PINCHERS.



RIVETTING HAMMER.



MALLET.

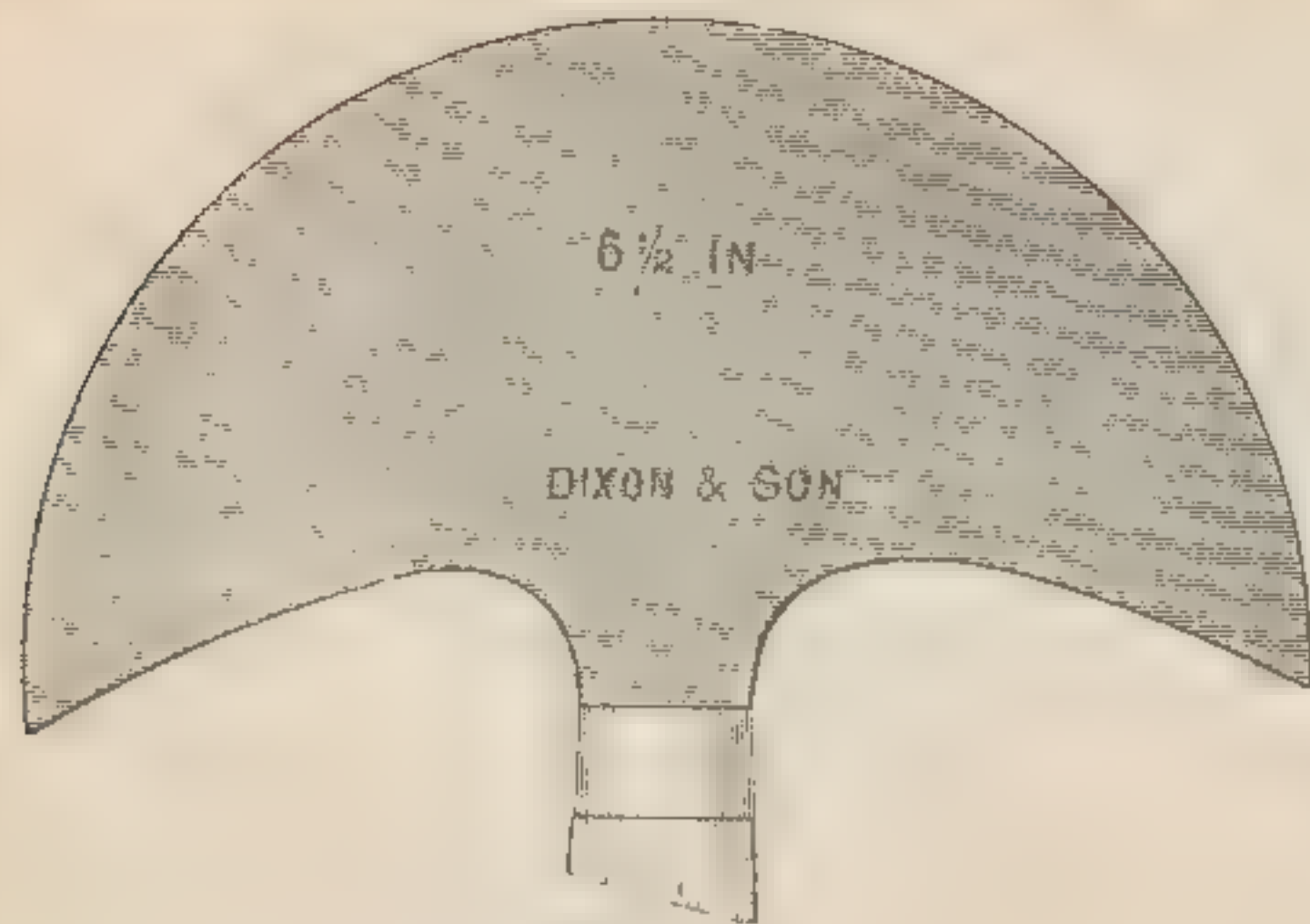


COLLAR MALLET.

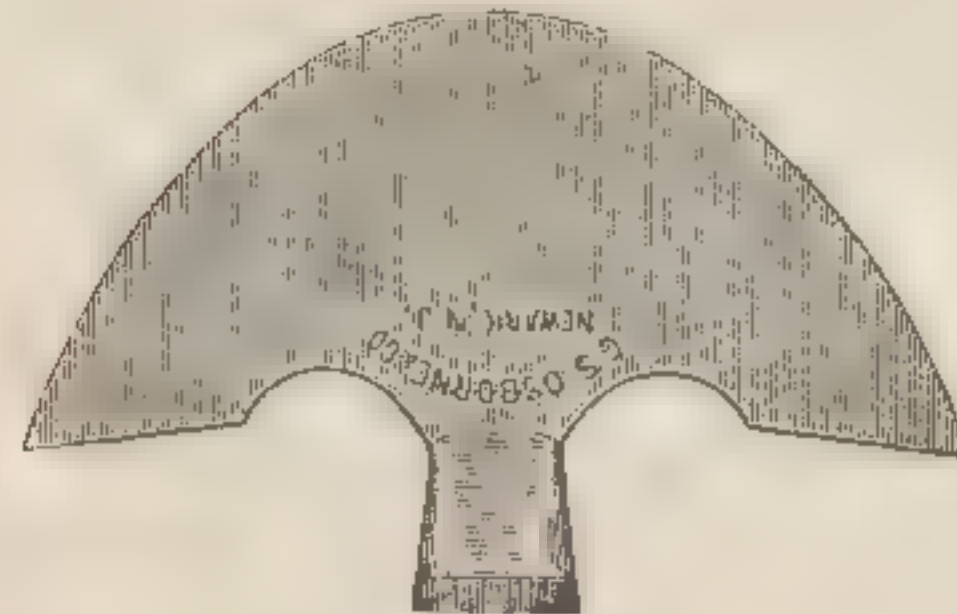


REVOLVING PUNCH.

Saddlers' Tools—Continued.



ROUND KNIFE.
4 1/2 to 6 1/2 in.



AM. ROUND KNIFE.
4 1/2 to 6 in.



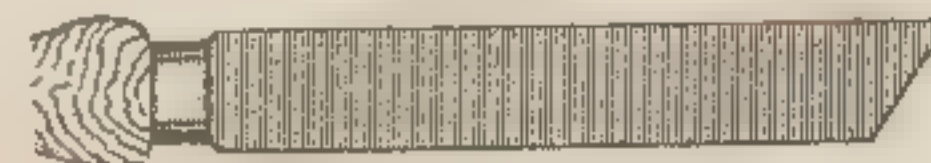
DOUBLE HEAD KNIFE.



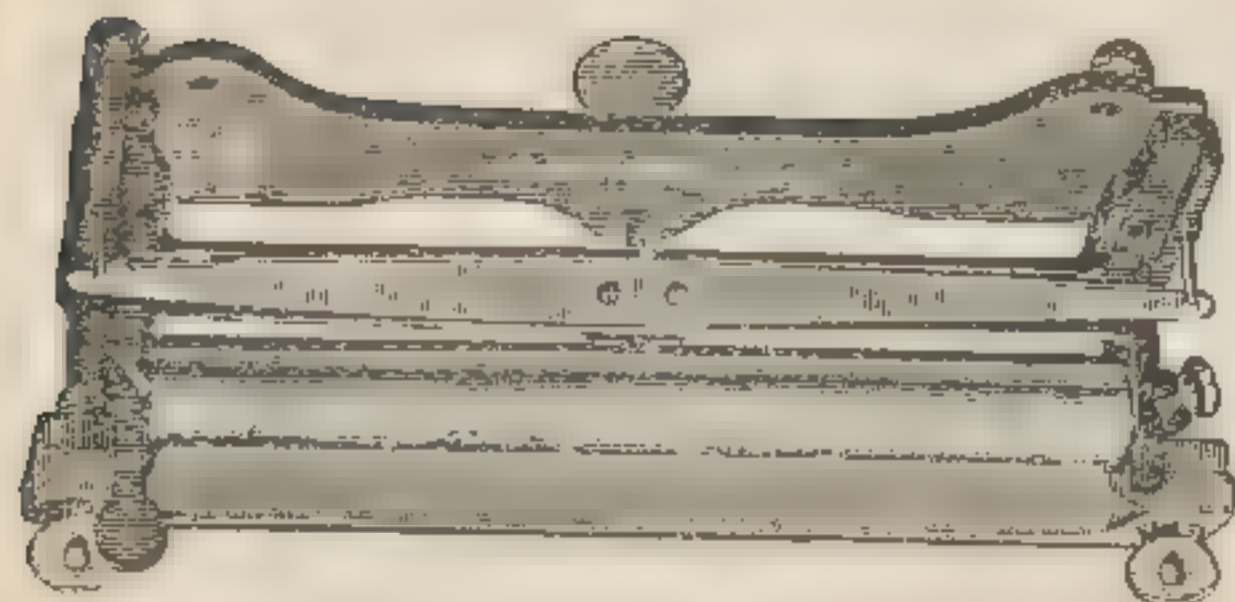
SINGLE HEAD KNIFE.



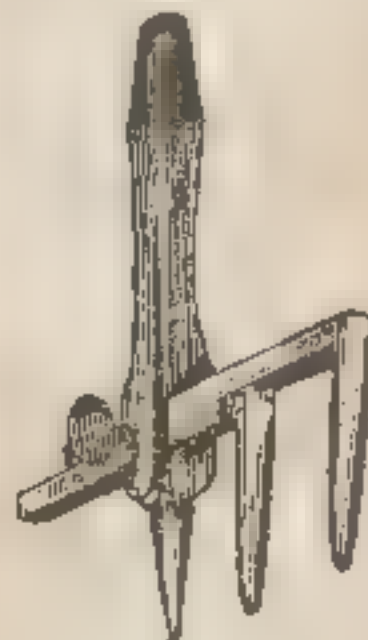
STRAIGHT KNIFE.



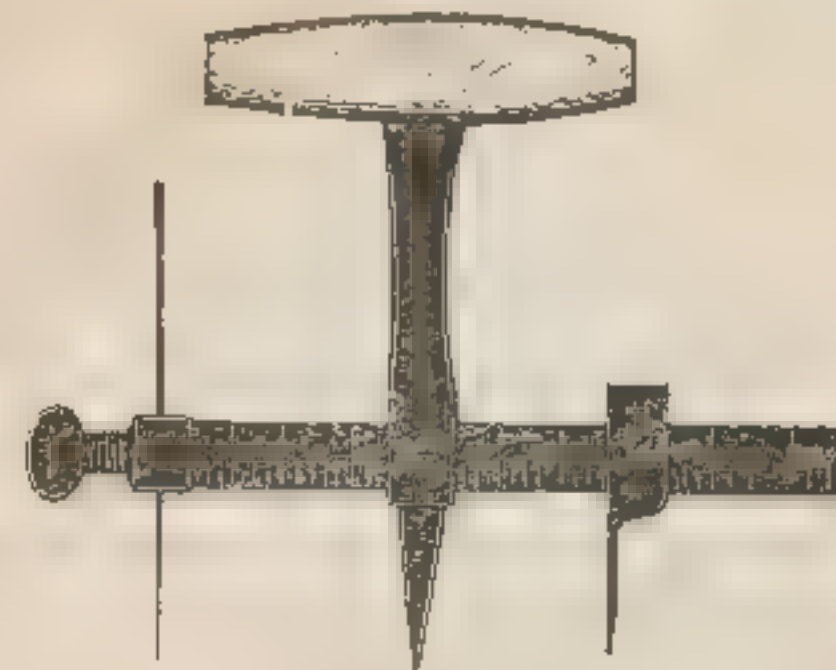
COLLAR MAKER'S KNIFE.



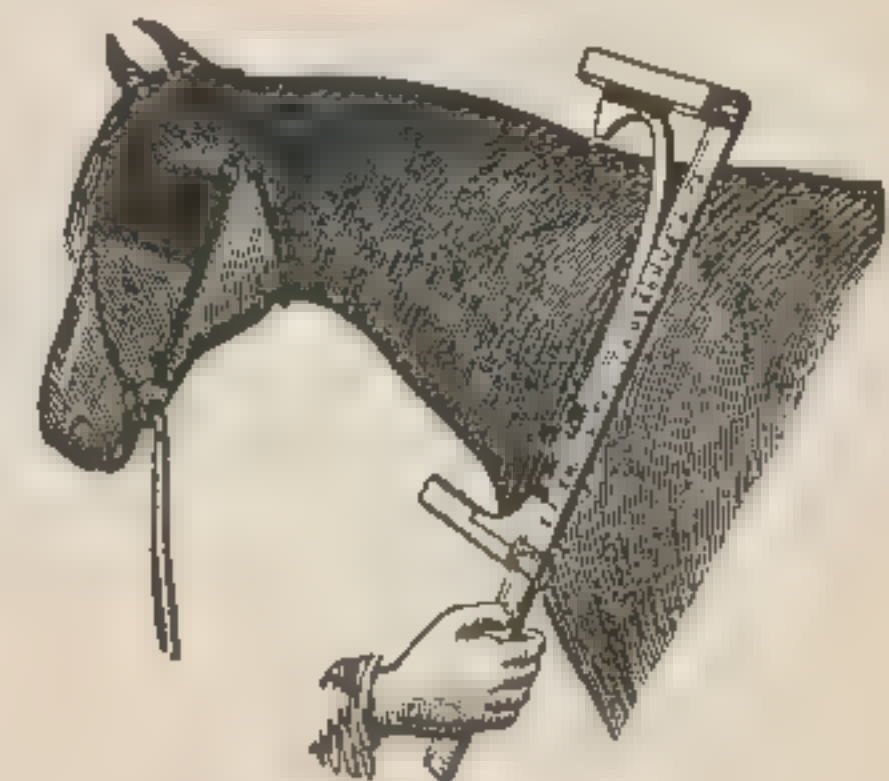
SPLITTING MACHINE.
5, 6, 7, 8 in.



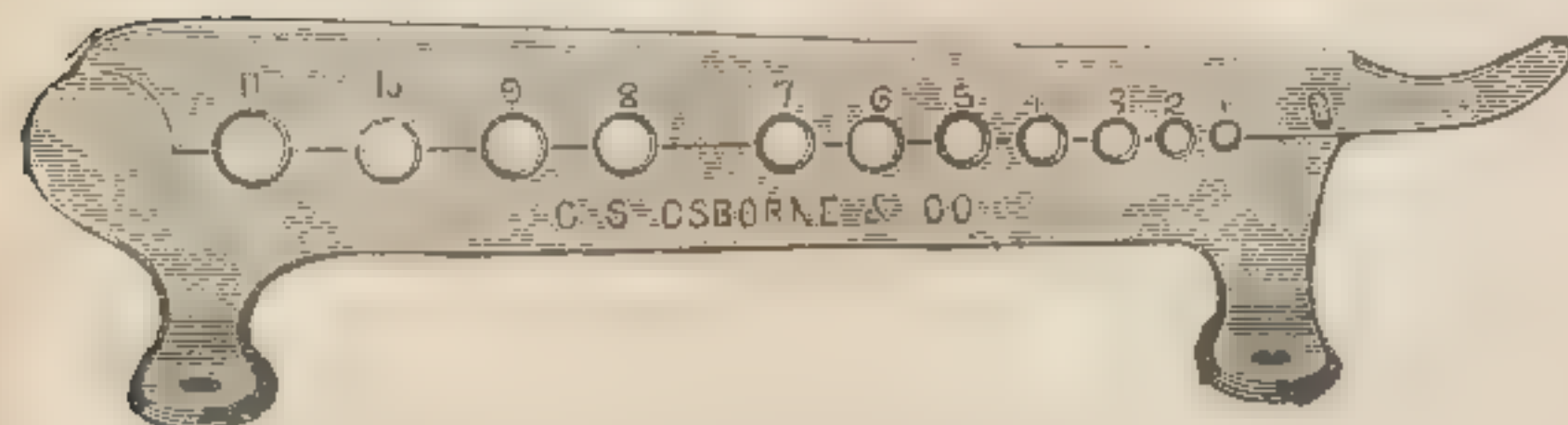
WASHER CUTTER FOR BRACE.



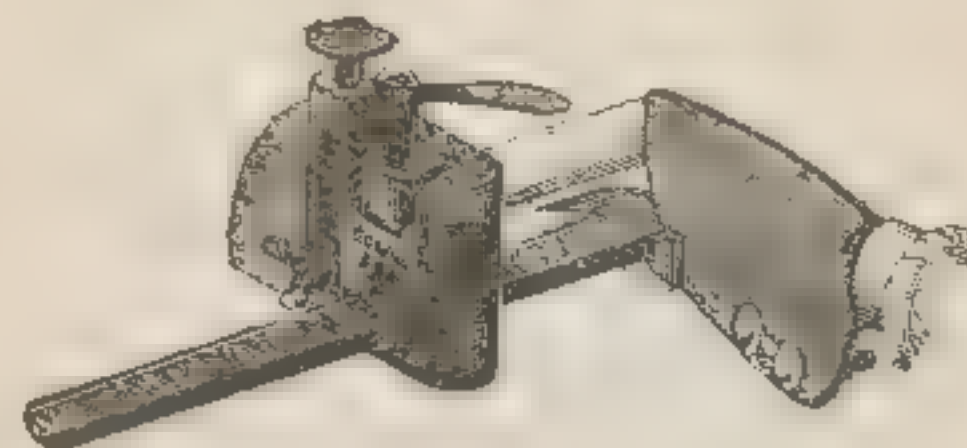
WASHER CUTTER FOR HAND.



COLLAR MEASURE.



REIN ROUNDER.



PLOUGH GAUGE.

ORNAMENTAL PUNCHES.
WHEEL PRICKERS.
GIRTH SHAPE PUNCHES.

DOUBLE CREASES.
COLLAR RODS.
SPOKESHAVES.
IVORY HOLLOW BONES.

SEAM TURNERS.
BAR STRETCHERS.
WEB STRAINERS.
STATIONARY FINISHING WHEELS.

SHOULDER VEINS.
SKIRT SHAVERS.
SMASHERS.

CUTTING NIPPERS.
SINGLE RACERS.
STRAINING FORKS.

PAD SCREW PLYERS
COMPASSES.
LOOP STICKS.
SADDLERS' RULES.

Saddlers' Tools—Continued.

SEWING AND HARDWARE NEEDLES.



Quality No.
5228.



Patented Packet,
No. 5001.



Registered Packet,
No. 5572.

Needles.

Harness.—Egg Eyed, Nos. 20, 0, 1, 2, 3, 4, 5, 6.

Glover's.—Bayonet, Nos. 2/0, 0, 1, 2, 3, 4, 5.

Saddler's.—Pointed, Nos. 2/0, 0, 1, 2, 3, 4, 5.

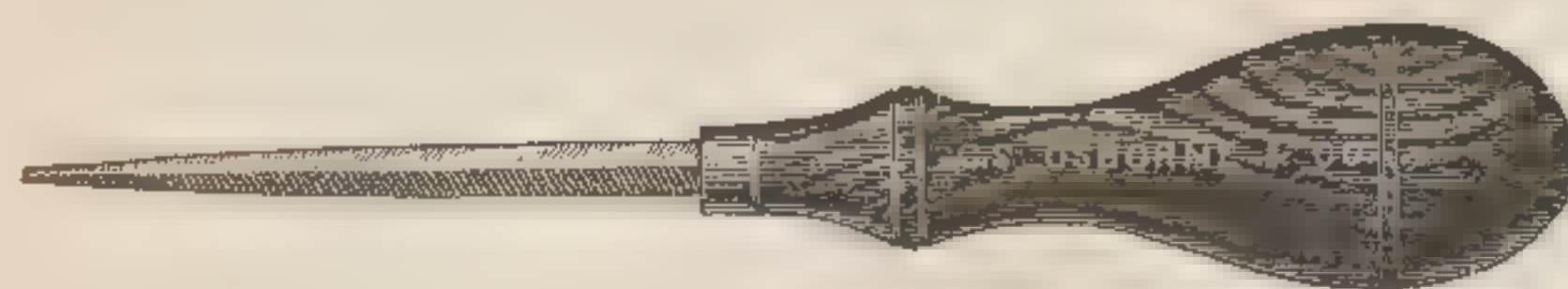
Quilting.— $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$ inch.

In Packets of 25.

Counterlining. $1\frac{1}{2}$, $1\frac{3}{4}$, and 2 inch.

Collar.—Curved and Half moon, 2 to 9 in.

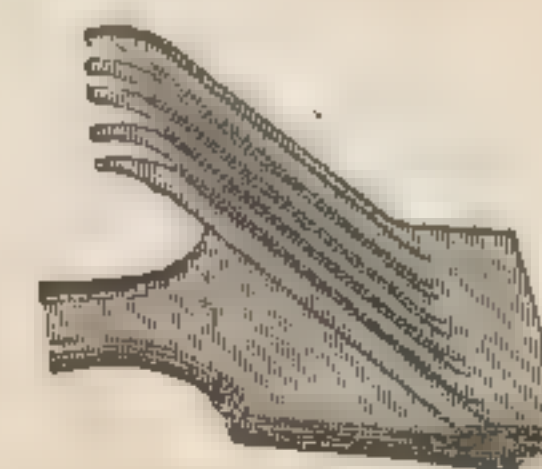
Awls.



SADDLERS' AWL AND HANDLE.



PATENT AWL HAFTS



MANE DRAG.



DRAWING AWL AND HANDLE.



AWL-U-WANT AWLS.

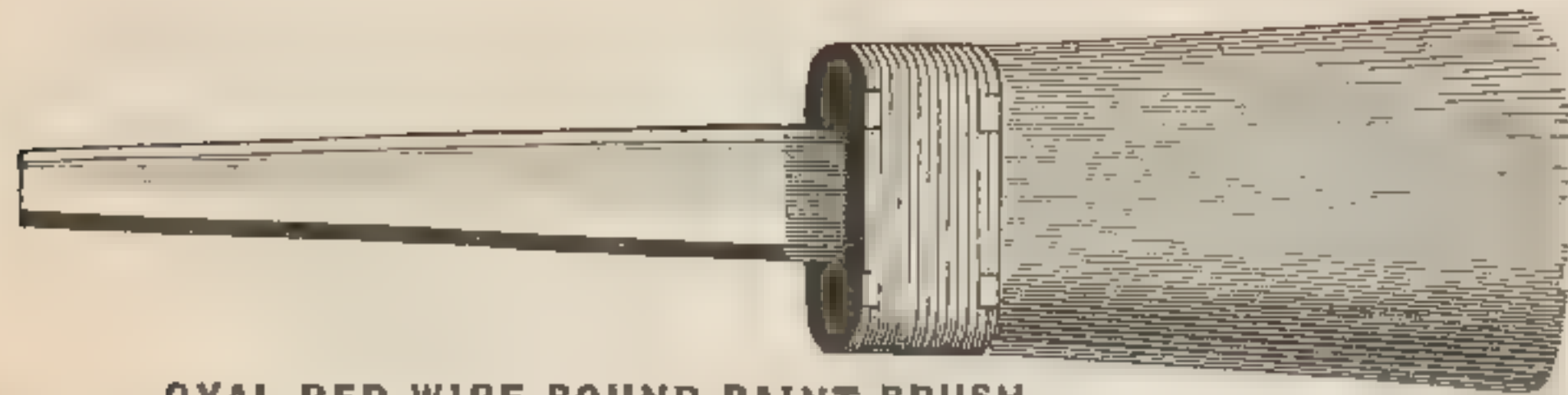


COLLAR PALM.

HARNESS (Bayonet), $1\frac{1}{2}$ to $3\frac{1}{2}$ inch. SEAT, 3 to 6 inch.
STRAINING $1\frac{1}{2}$ to $2\frac{1}{2}$ inch.

THONGING, 3 to 8 inch. STABBING, $1\frac{3}{4}$ to $2\frac{1}{2}$ inch.
BACKING, 2 to 3 inch.

Brush-ware.



OVAL RED WIRE BOUND PAINT BRUSH
Nos. 1½, 2½, 3½, 4½, 5½, 6½, 8½, 10½.
Recommended as a good low-priced Brush.



OVAL COPPER BOUND PAINT BRUSH.
KENT'S 1-0, 2-0, 3-0, 4-0, 6-0, 8-0.
CHADWICK'S, ditto.)



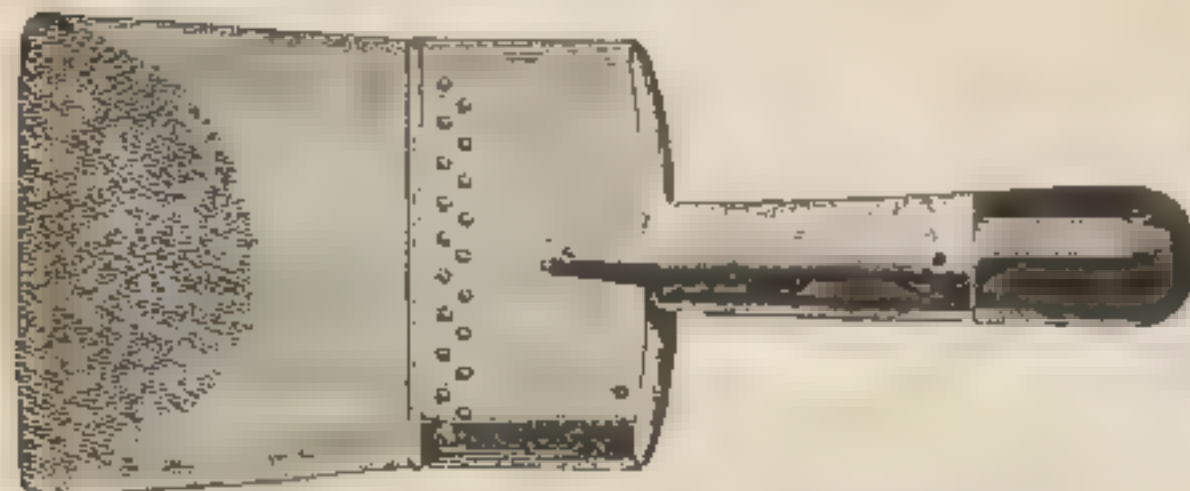
THE "KING" PATENT CHISELLED OVAL VARNISH BRUSH.
Nos. 1, 2, 3, 4, 5, 6.



ENAMEL PAINT BRUSHES.
On cards or loose.
Various Qualities.



ONE KNOT COPPER BOUND PAINT BRUSH.
HAMILTON'S "ATLAS" 1-0, 2-0, 3-0, 4-0, 6-0, 8-0.
Ditto. "SEMPER IDEM." Ditto.



FLAT TIN BOUND BEVELLED VARNISH BRUSH.
Sizes, 1, 1½, 2, 2½, 3, 3½, 4 inch.



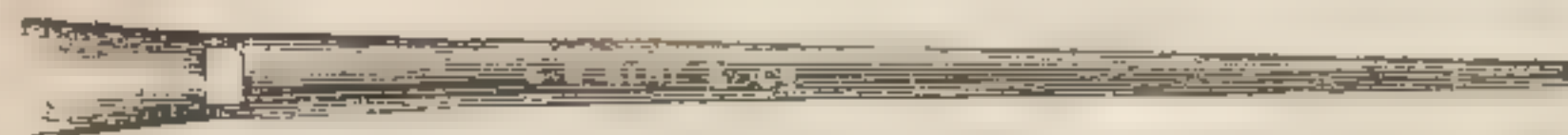
FLAT CAMEL HAIR VARNISH BRUSH.
1, 1½, 2, 2½, 3, 4 inch.
Also, Flat Camel Hair Blenders.
1, 1½, 2 inch.



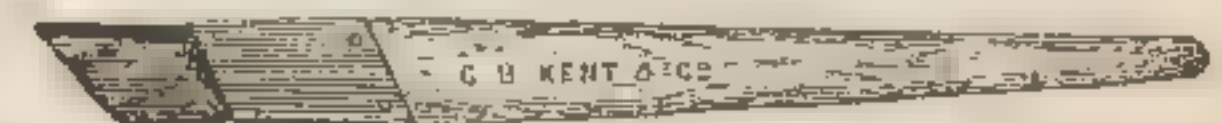
OVAL BEVELLED VARNISH BRUSH.
Hamilton's "Lily." Nos. 1, 2, 3, 4, 5.



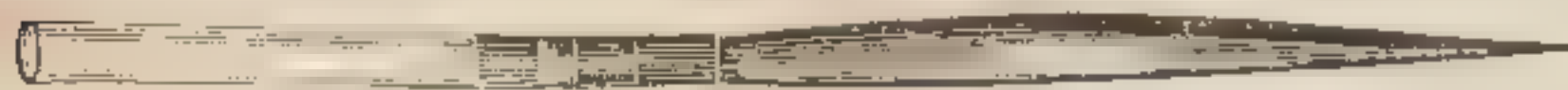
SASH TOOL.
KENTS. Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12.
CHADWICK'S ditto. HAMILTON'S, ditto.
German Best, Nos. 1 to 16, Red String Bound.



FLAT OR ROUND FITCH.
Nos. 1 to 24.



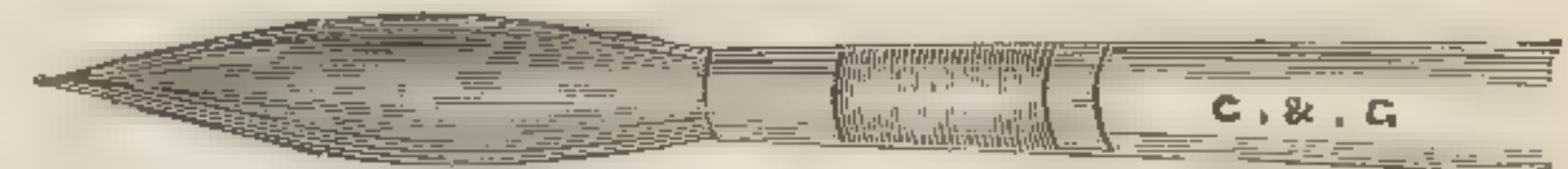
SLANT LINING FITCH.
¼ to 1½ inch.



LINING AND WRITING PENCILS.

Sable, Siberian Ox, Camel Hair.

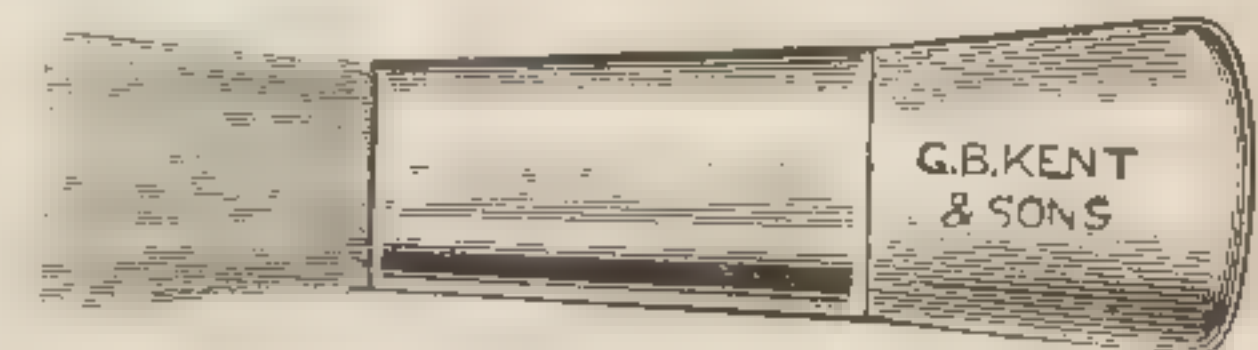
Sizes--Lark Crow, Duck, Goose, Swan.



CAMEL HAIR DAB OR MOP.
Nos. 1 to 12.

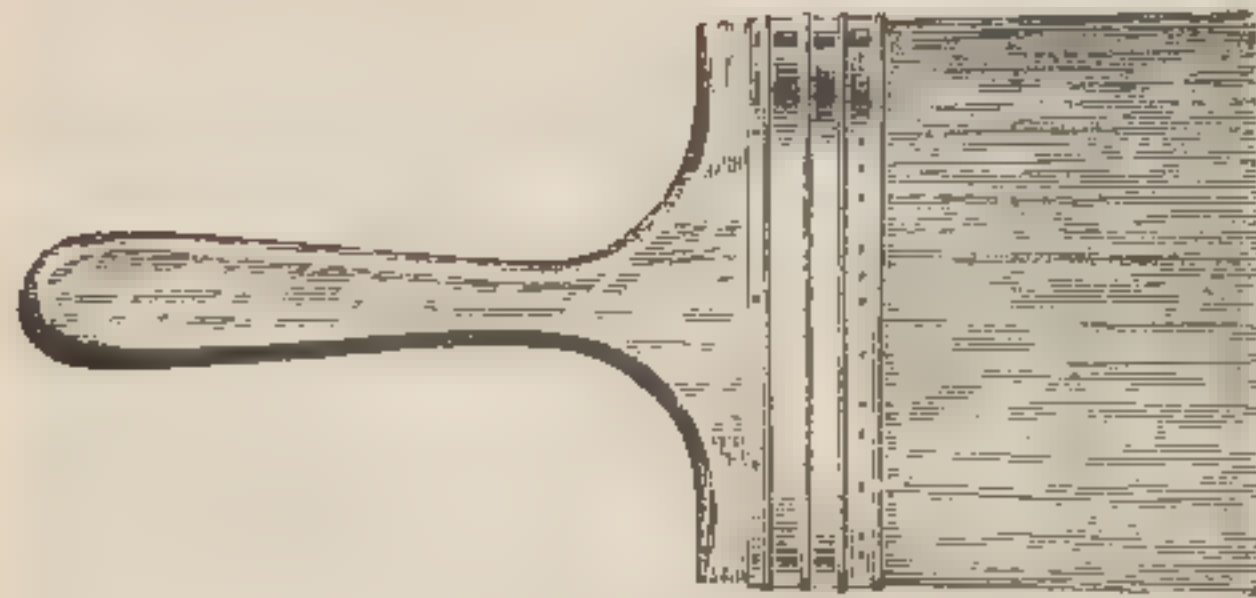


TAR BRUSH.
Long and Short Handle.

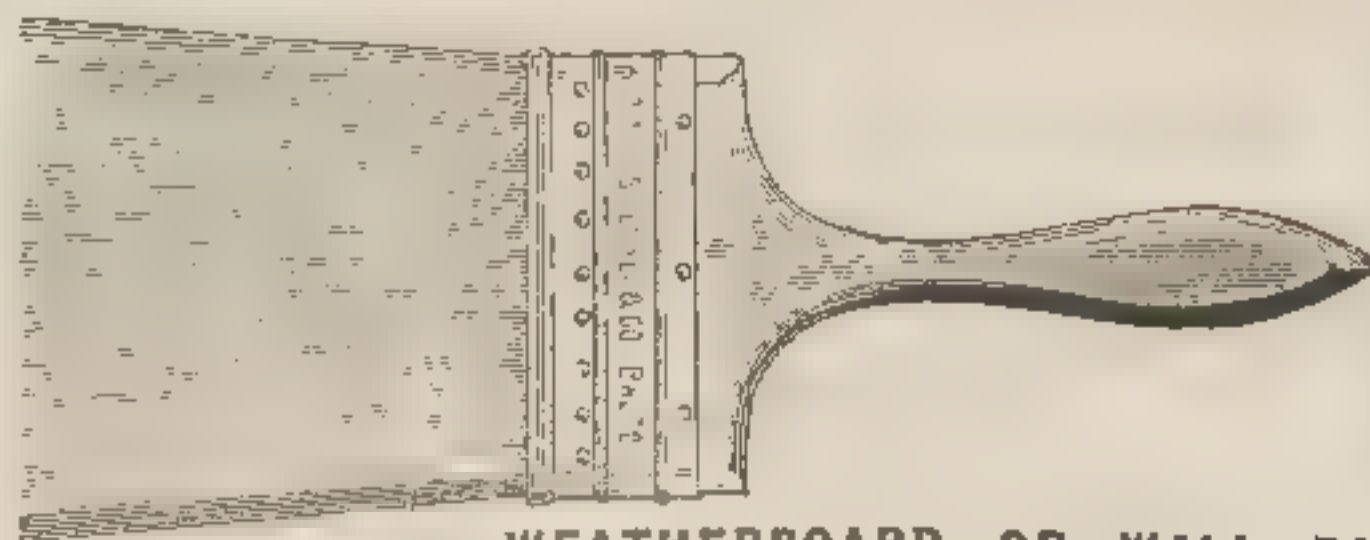


STENCIL BRUSH.
Kent's, Nos. 1 to 12.

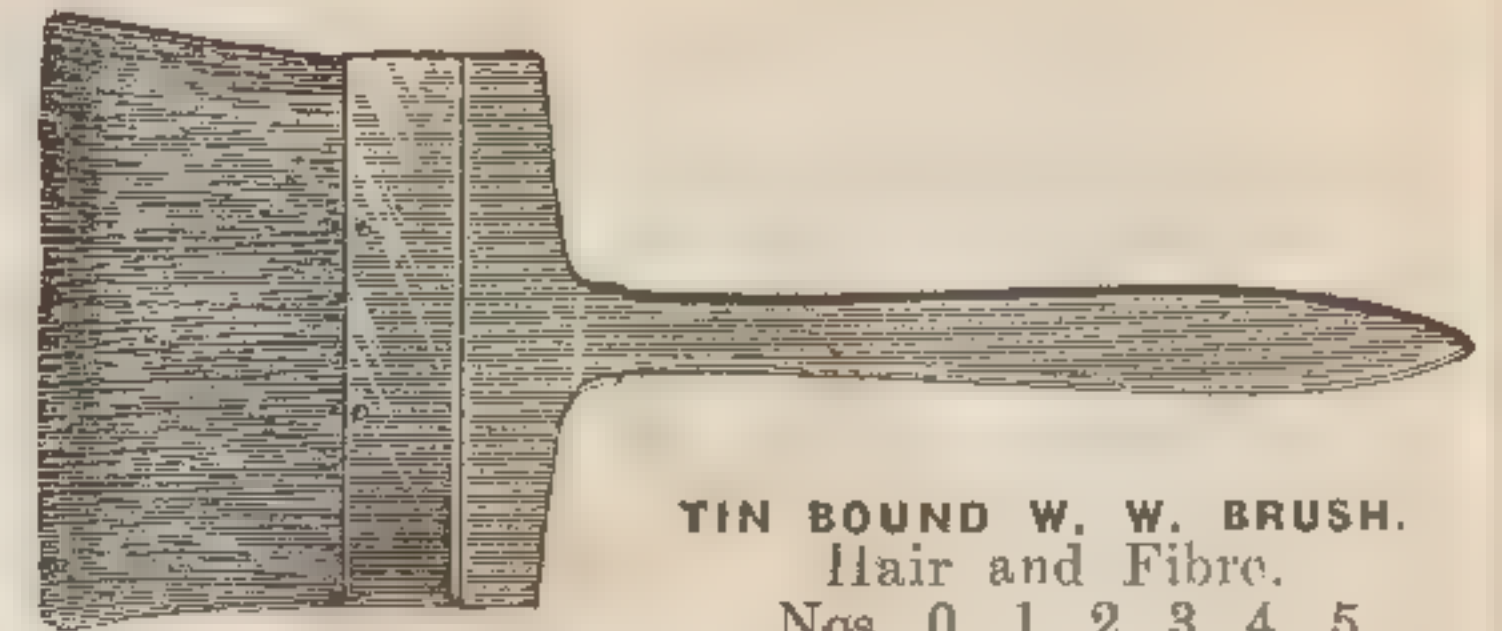
Brushware—Continued.



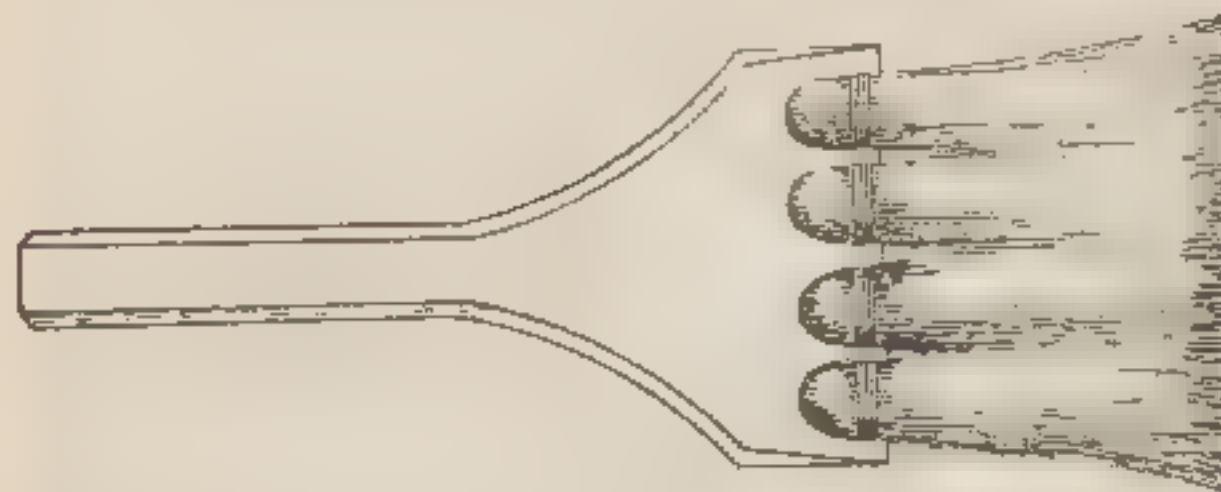
KALSOMINE BRUSH.
Kent's 6, 7, 8 inch.
American 6, 7, 8 inch.



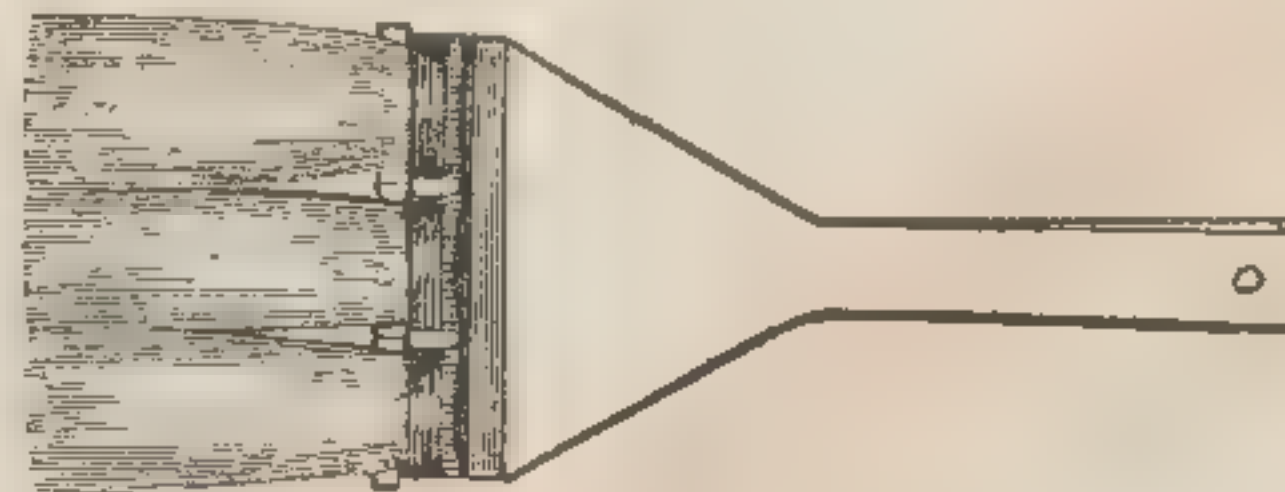
WEATHERBOARD OR WALL PAINT BRUSH.
Kent's 3, 3½, 4, 4½, 5 inch.
Hamilton's Ditto.
American, ditto.



TIN BOUND W. W. BRUSH.
Hair and Fibre.
Nos. 0, 1, 2, 3, 4, 5.



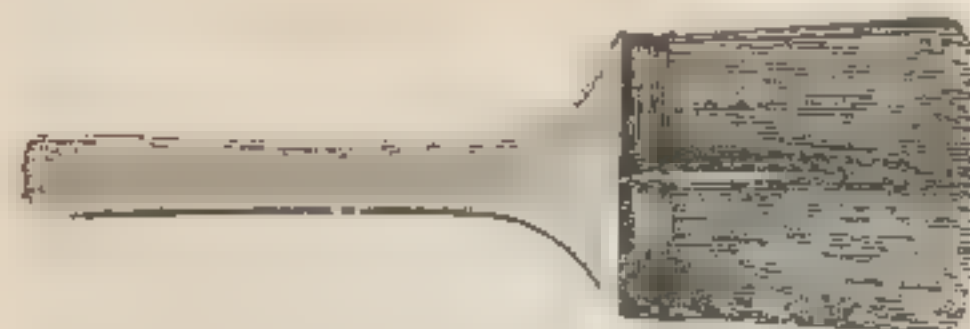
COMMONWEALTH PATENT WHITEWASH BRUSH.
2, 3, 4, 5 Knot.



3 KNOT W. W. BRUSH.
Fibre, 6, 8, 10 oz.
Copper Bound, Mixed, Nos. 1, 2, 3.



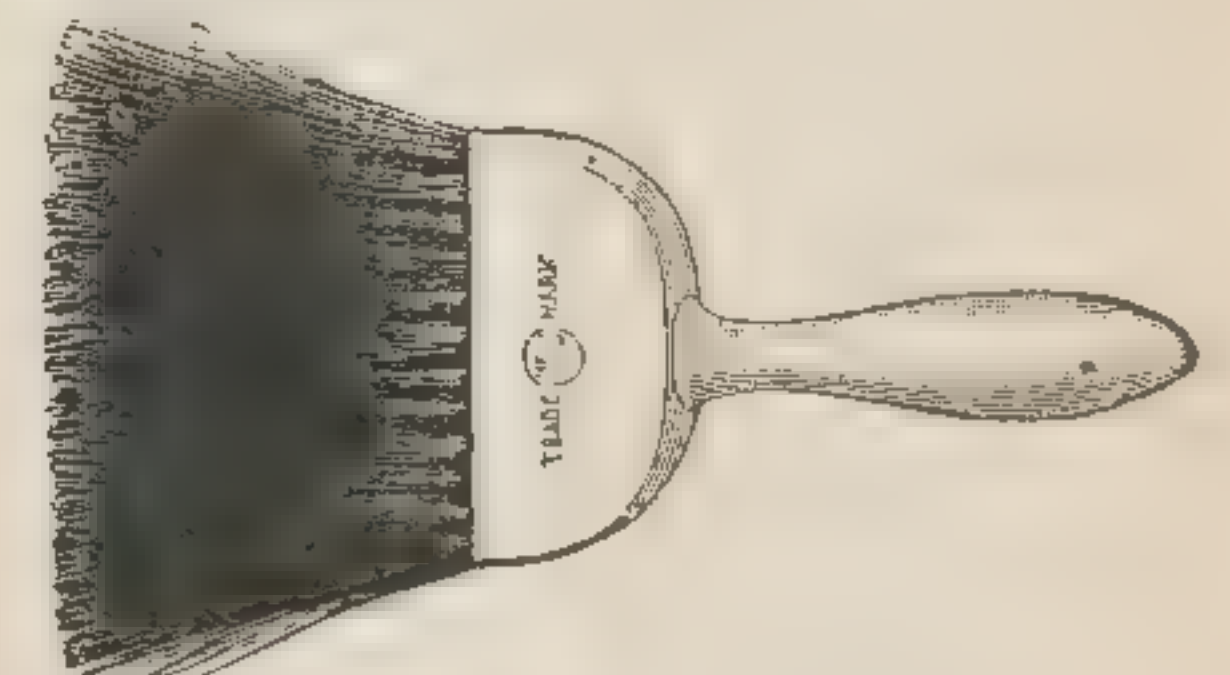
THE SIMPLEX PATENT WHITE WASH BRUSH.
4, 5, 6 inch.



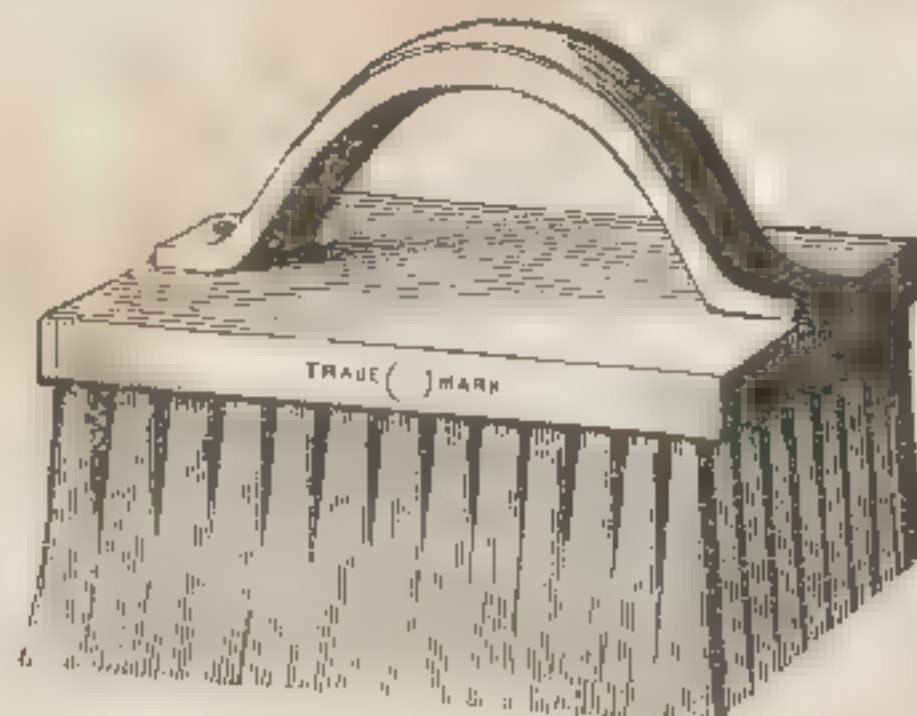
2-KNOT W. W. BRUSH.
Fibre, 6, 8 oz.



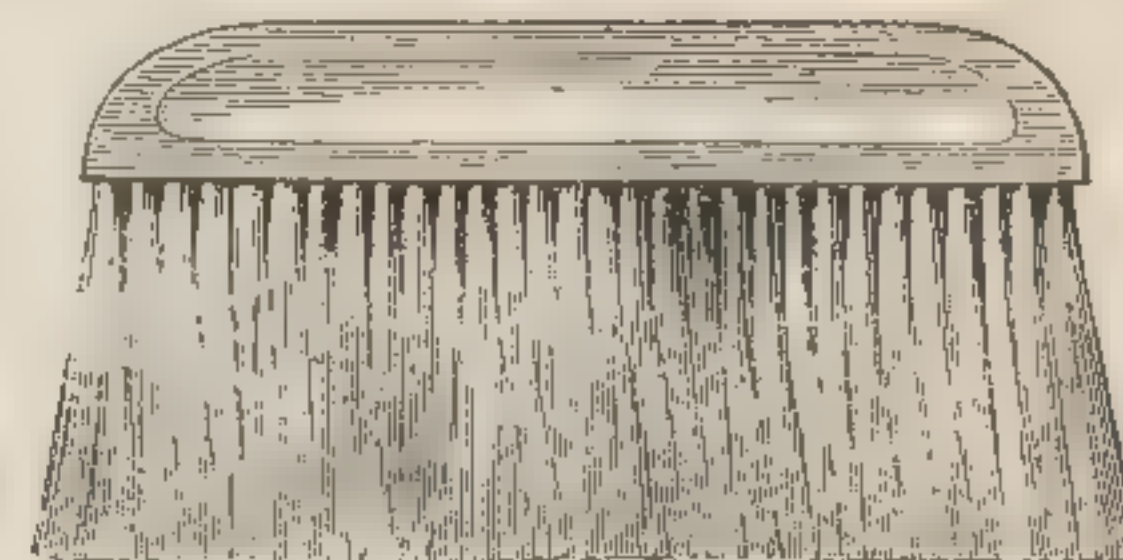
2-KNOT COPPER BOUND DISTEMPER BRUSH.
Kent's 6, 8, 10, 12 oz.



PAINTERS' FLAT DUSTER.

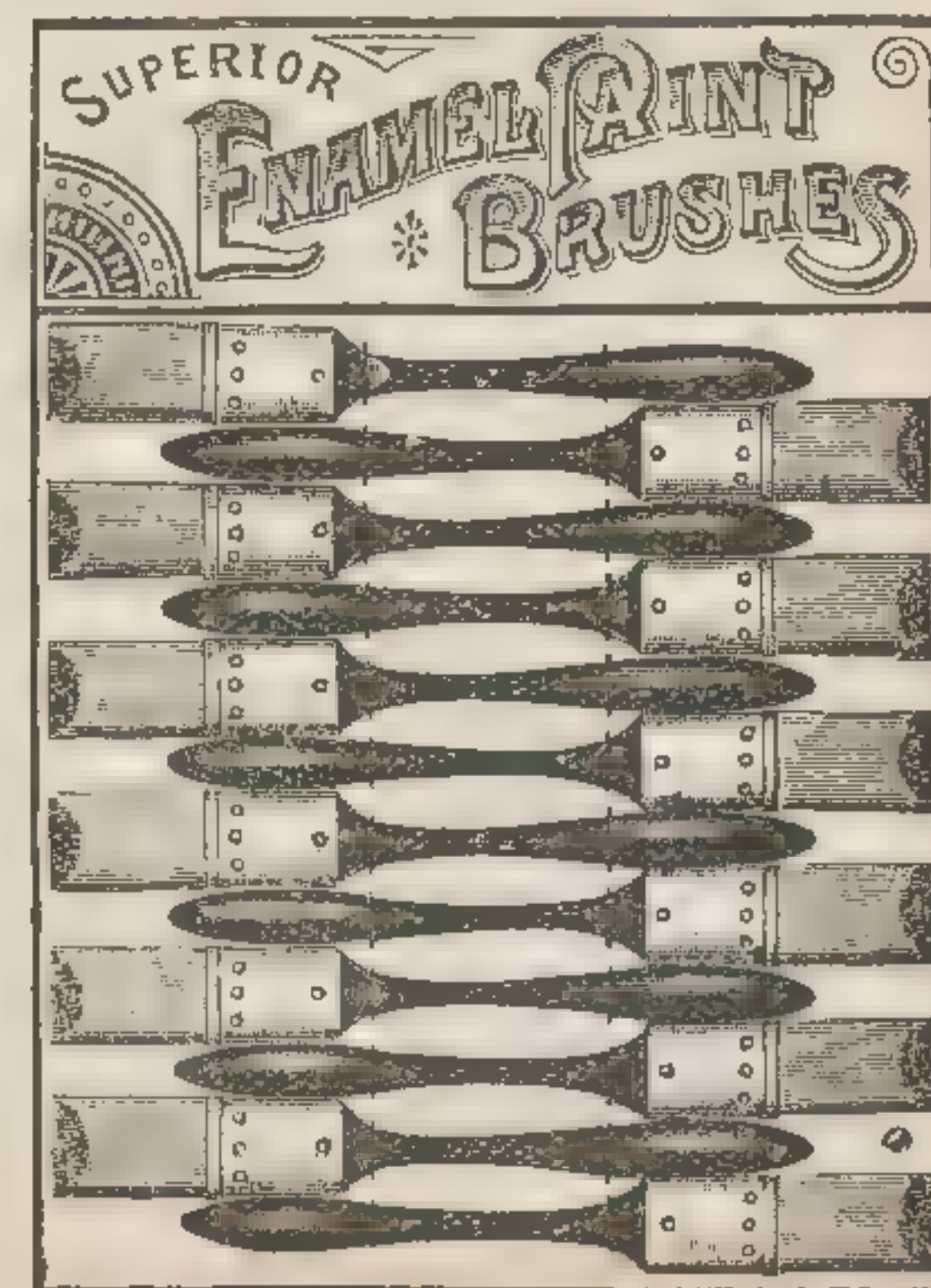
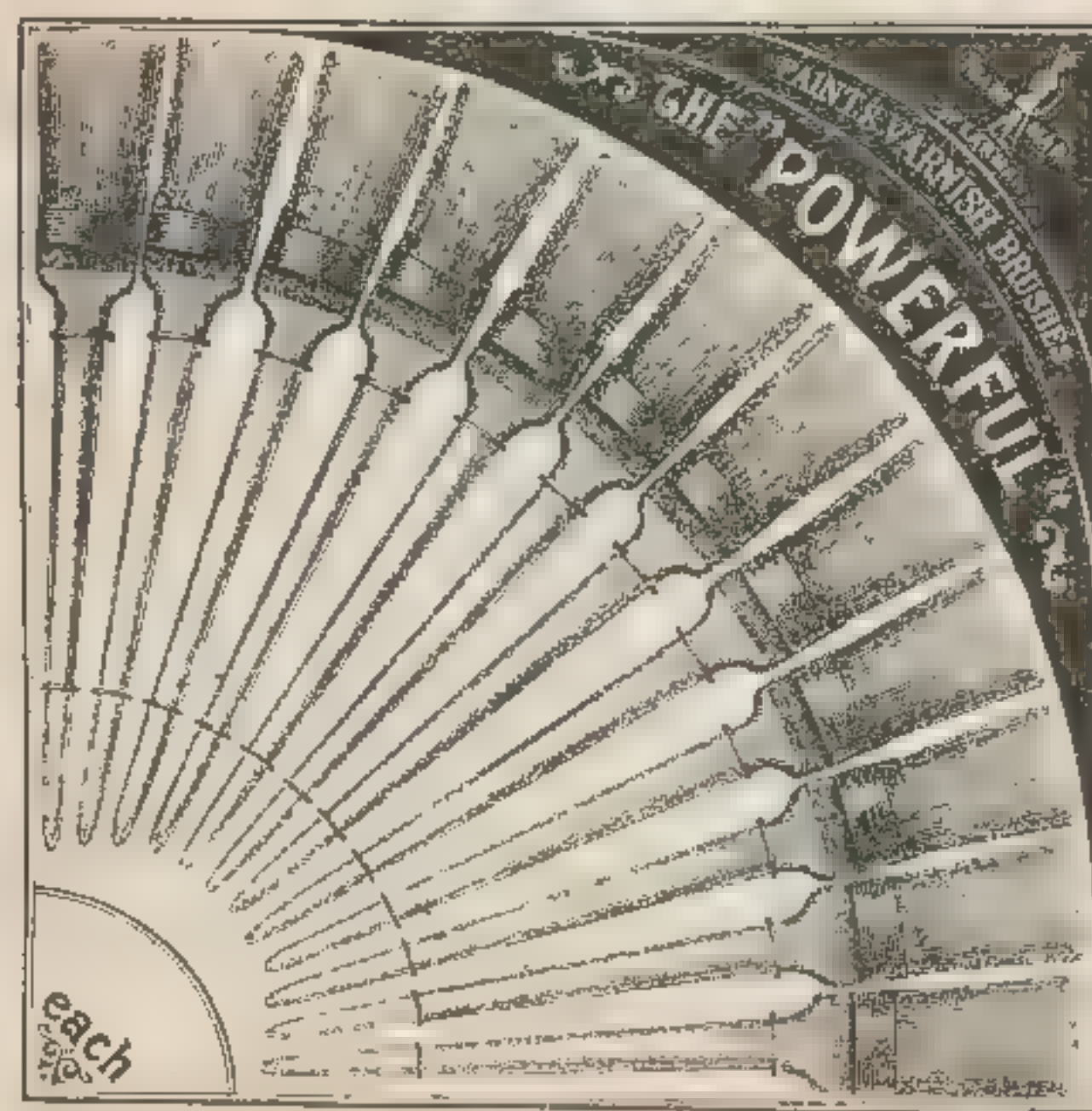
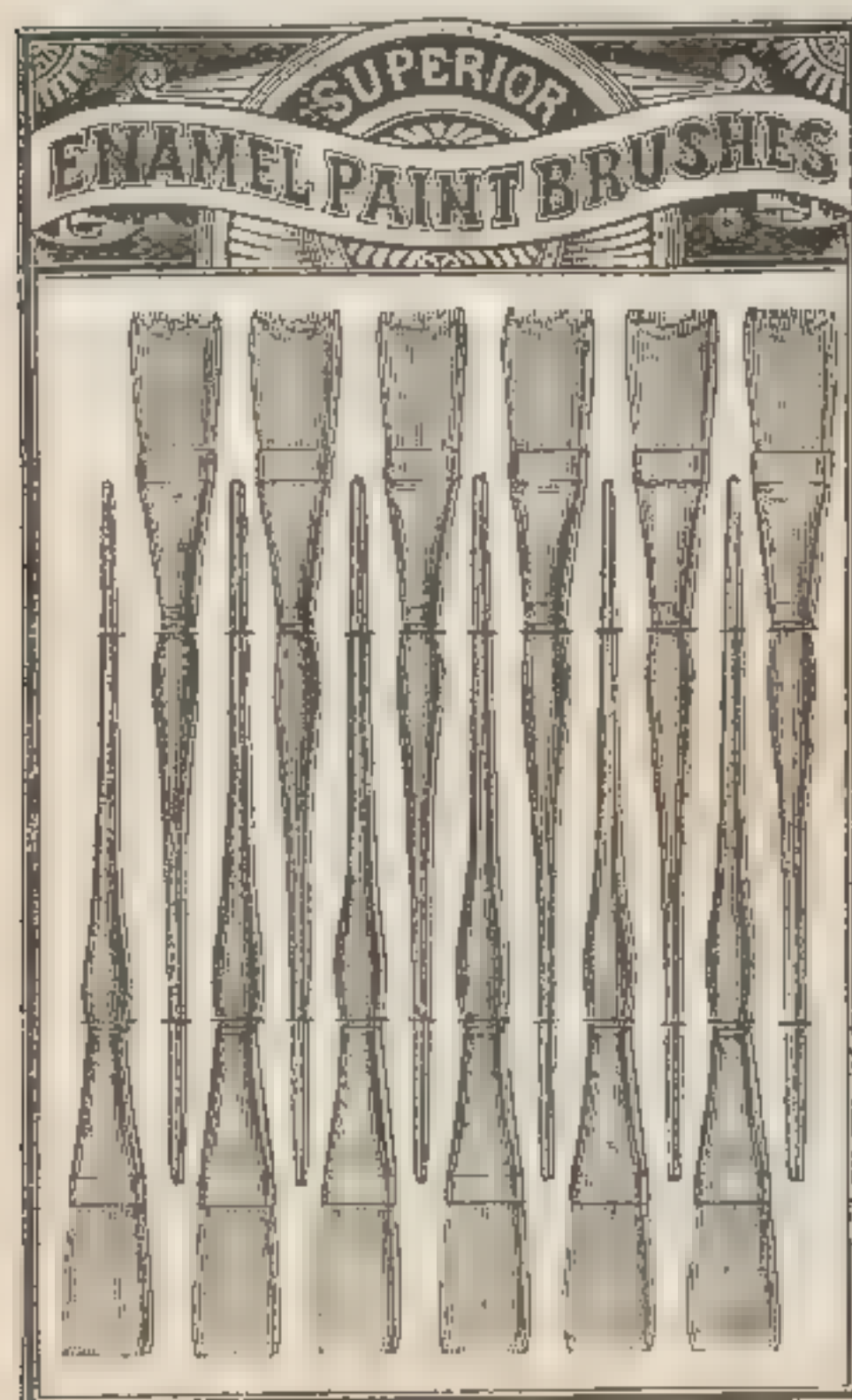
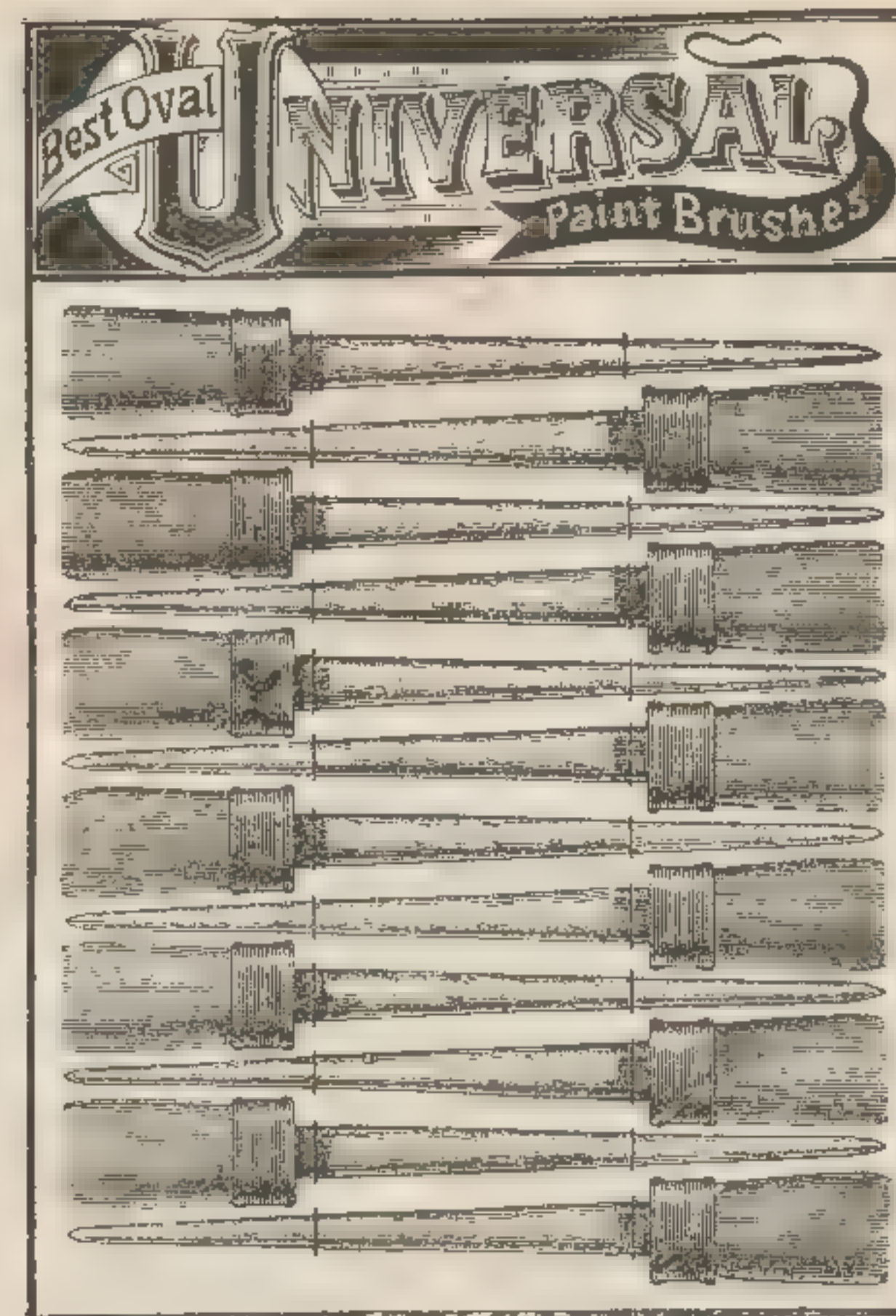
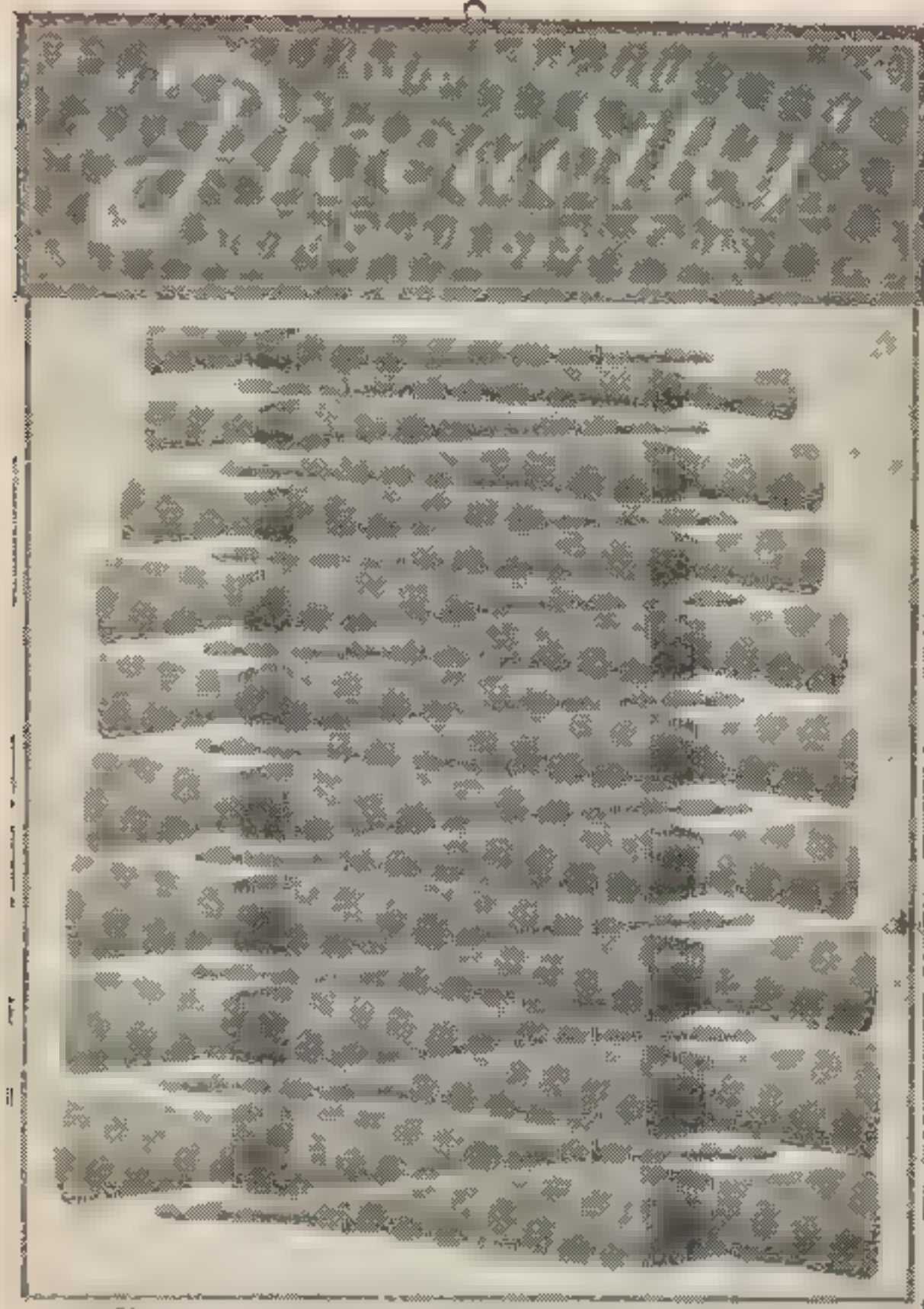


STIPPLING BRUSH.
Kent's and Hamilton's, 4 x 3, 6 x 4, and 8 x 6 inch.



PAPERHANGERS' BRUSH.
Kent's, 7, 8, 9, 10, 12 inch.
Hamilton's ditto.

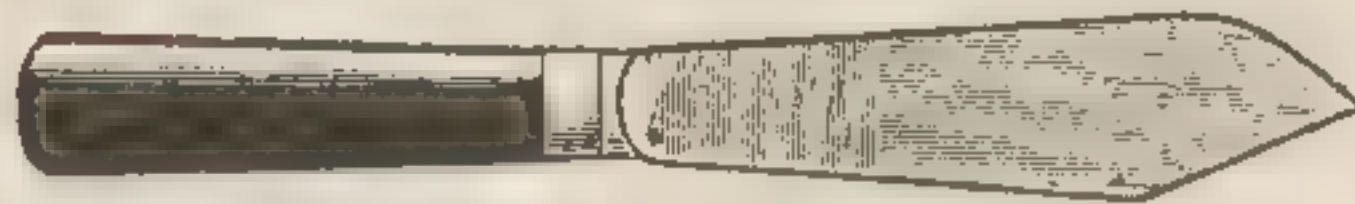
Brushware—Continued.



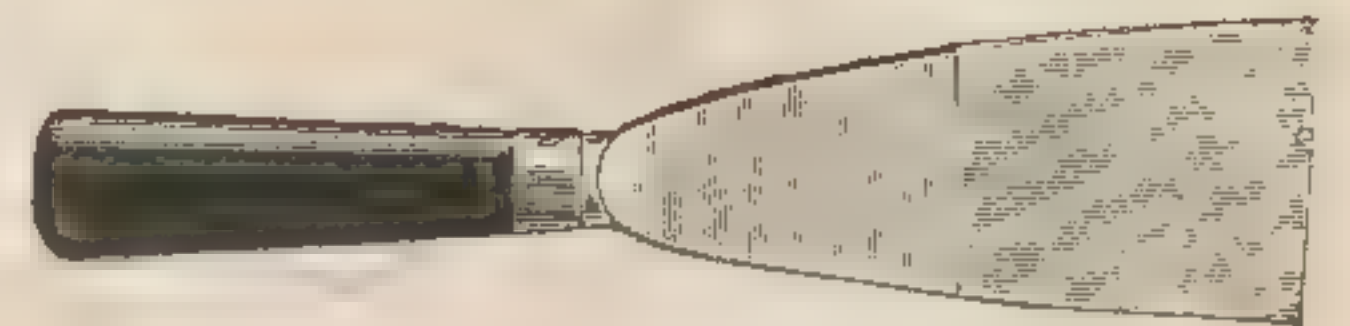
Painters' Sundries.



GLAZING KNIFE.



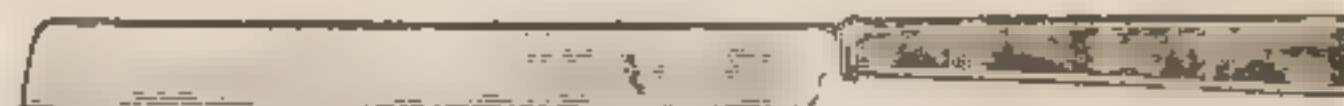
STOPPING KNIFE.
4½, 5 inch.



CHISEL KNIFE.
1½, 2, 3, 4 inch.



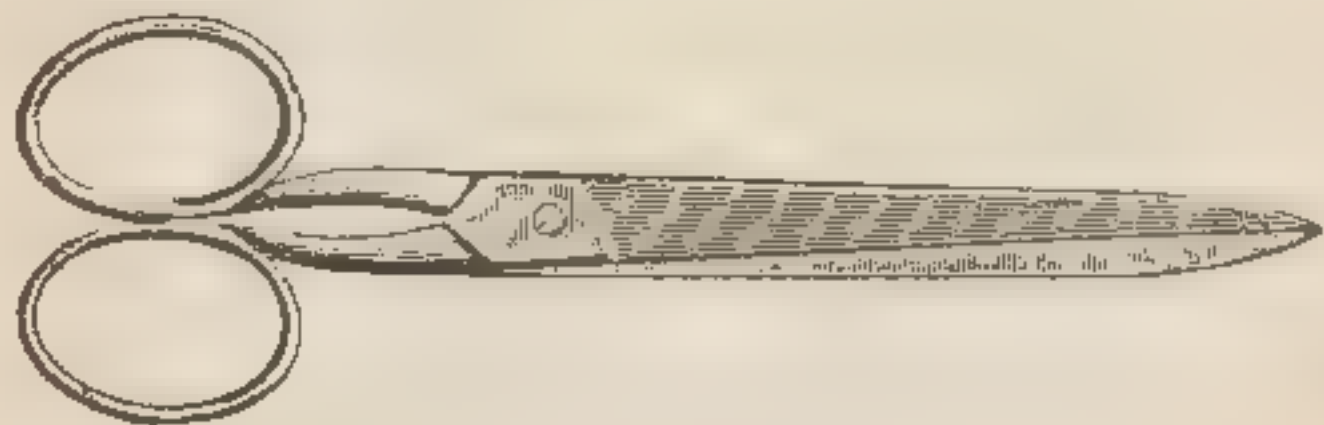
PALETTE KNIFE,
6, 8, 10, 12, 14 inch.



GILDERS' KNIFE.



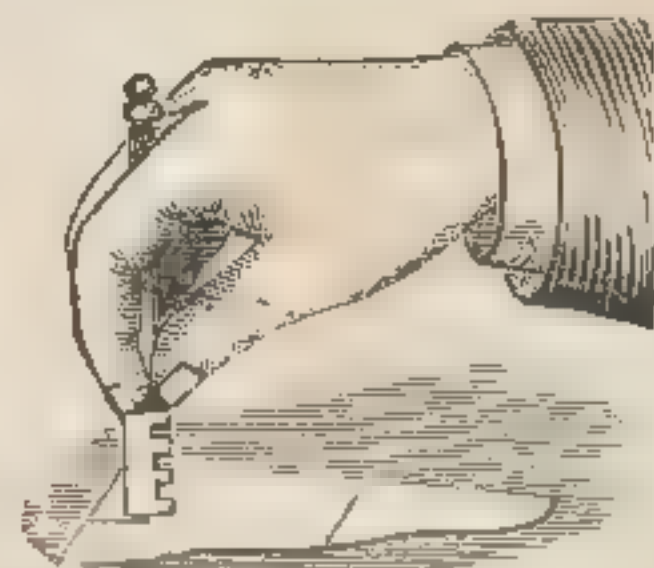
HACKING KNIFE.



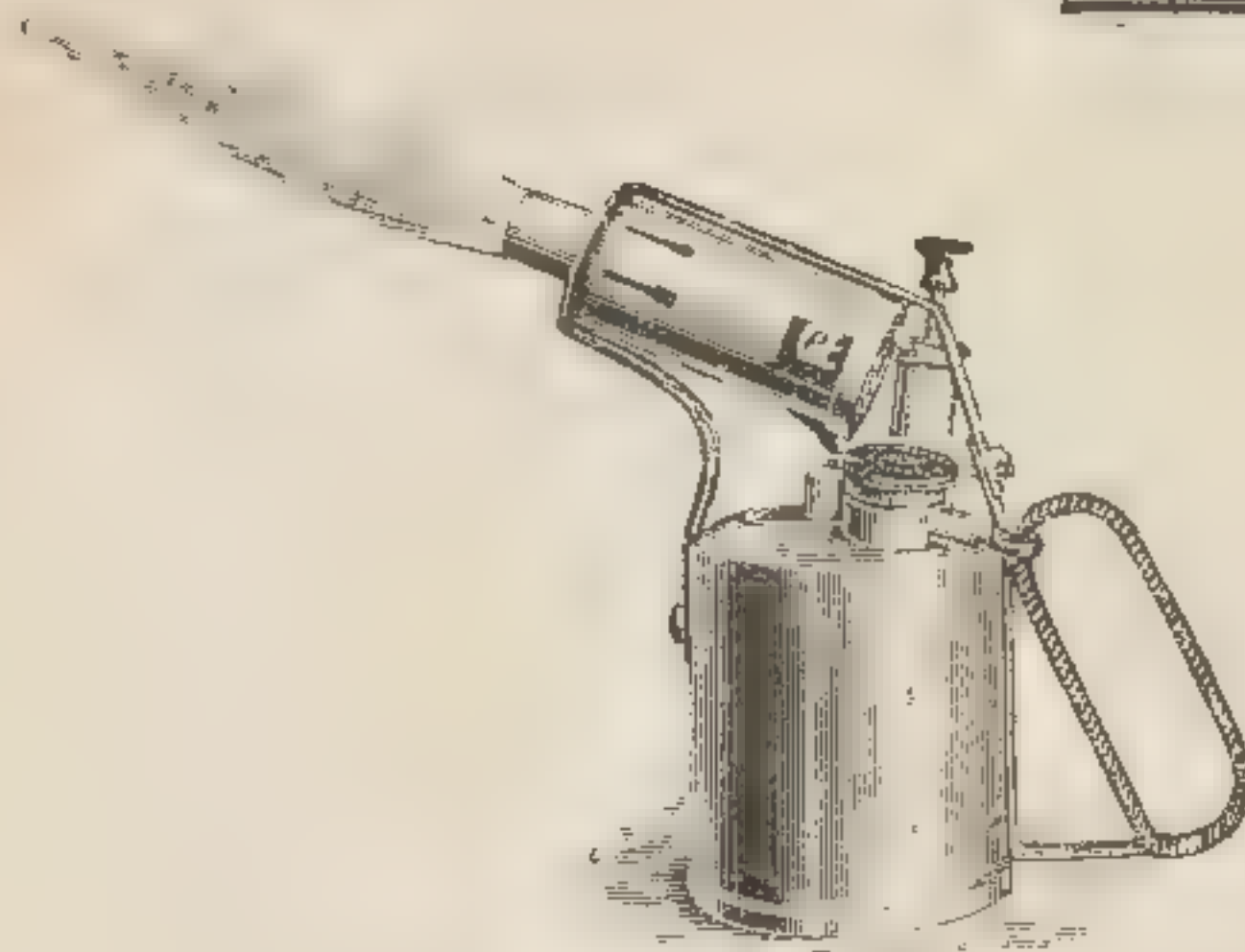
PAPERHANGERS' SCISSORS.
10, 12 inch.



STEEL GRAINING COMB.
Assorted, in Cases.



DIAMONDS, SKARRATT and NEWTHS.
Nos. 1, 2, 3, 4, 5 Plate.
GLASS CUTTERS (American).



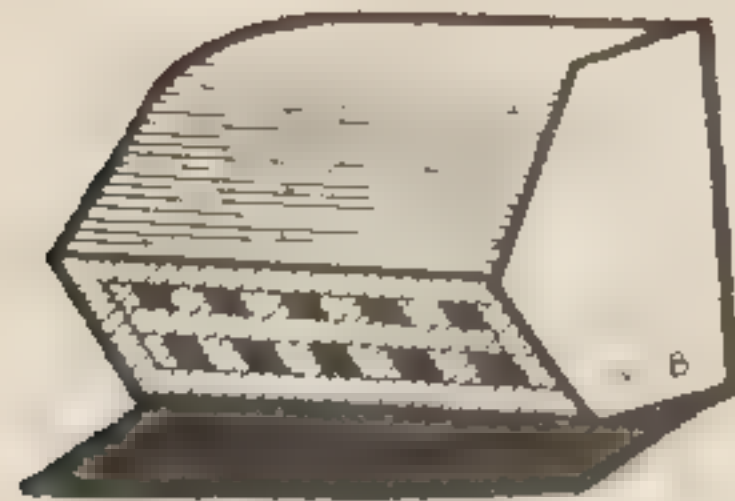
THE AETNA PAINT REMOVING LAMP
Also Petrolia, Vesuvius, and others.



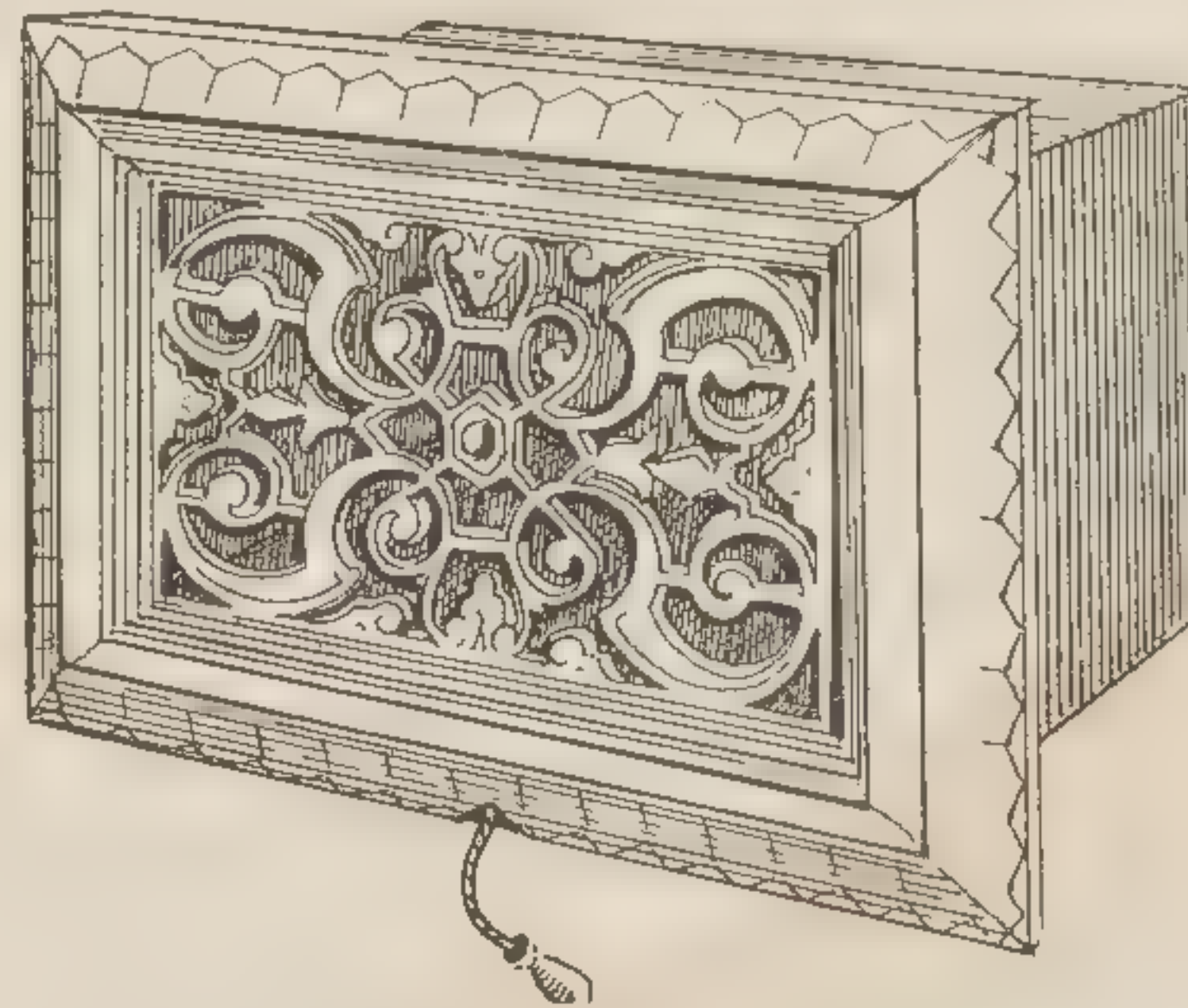
GRAINING ROLLER.

BUILDERS' HARDWARE.

VENTILATION AND SANITATION. AIR BRICKS.



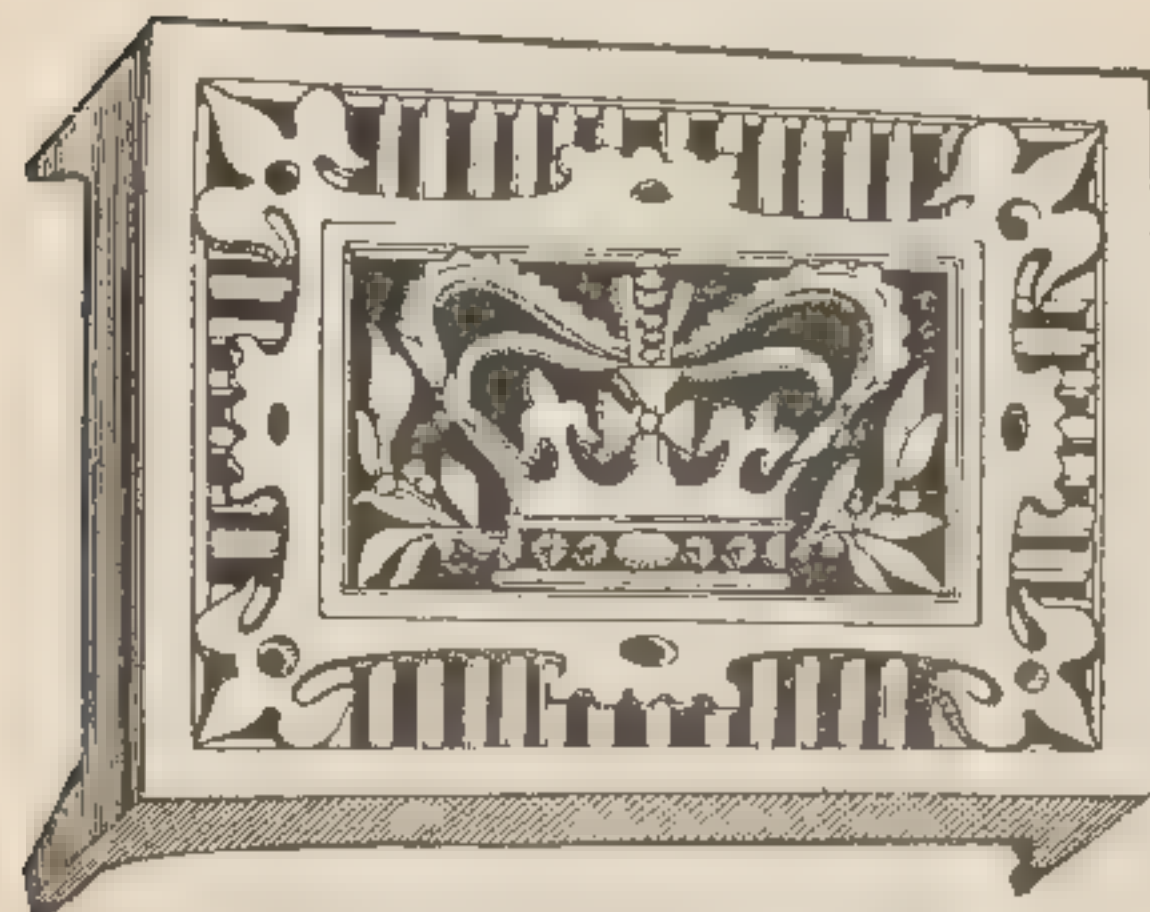
HOODED TERRA COTTA AIR
BRICK, 9 x 6.



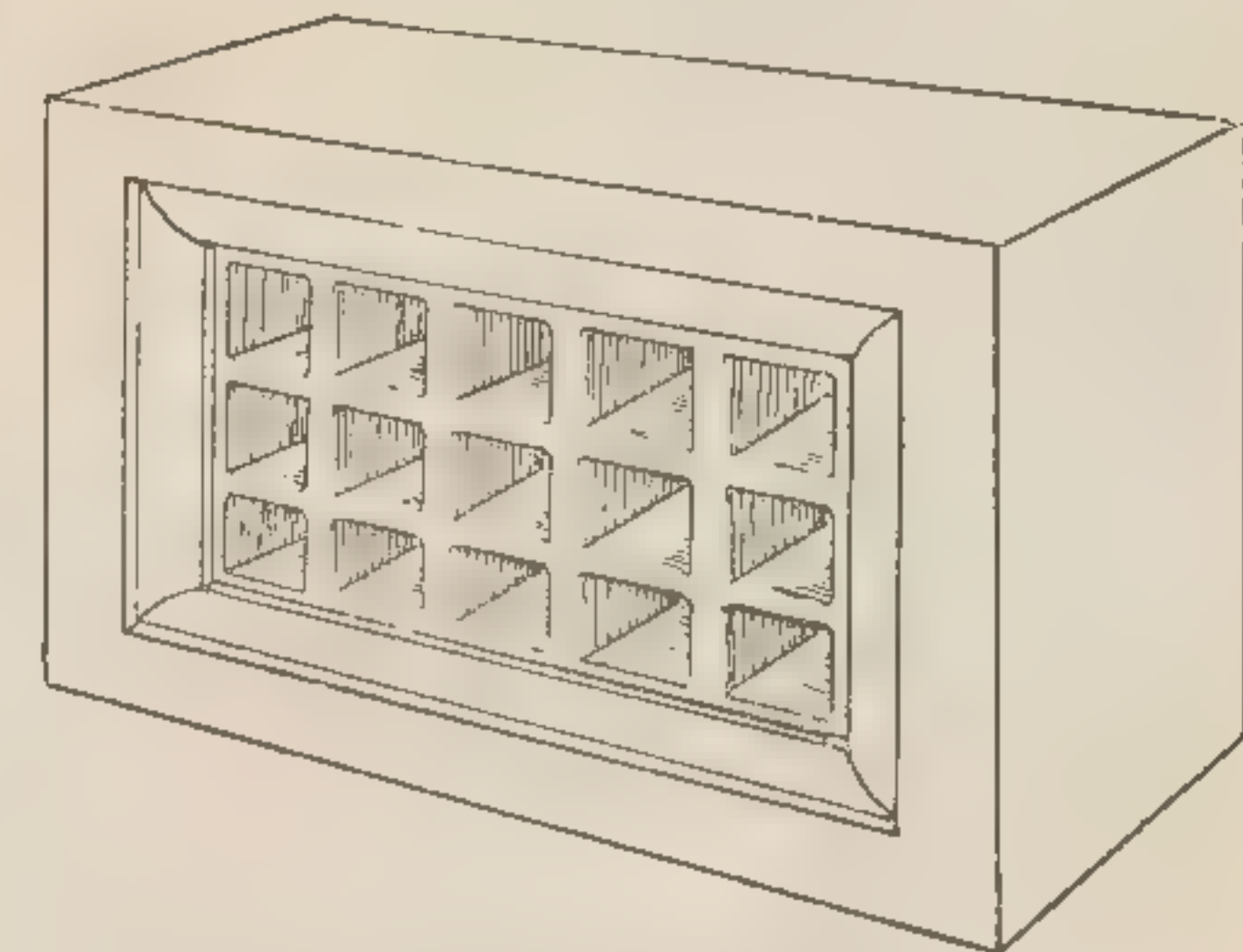
REGISTERED AIR VALVE
With box to build in brickwork, to open or
close, with cord and tassel, 9 x 6, 12 x 6.



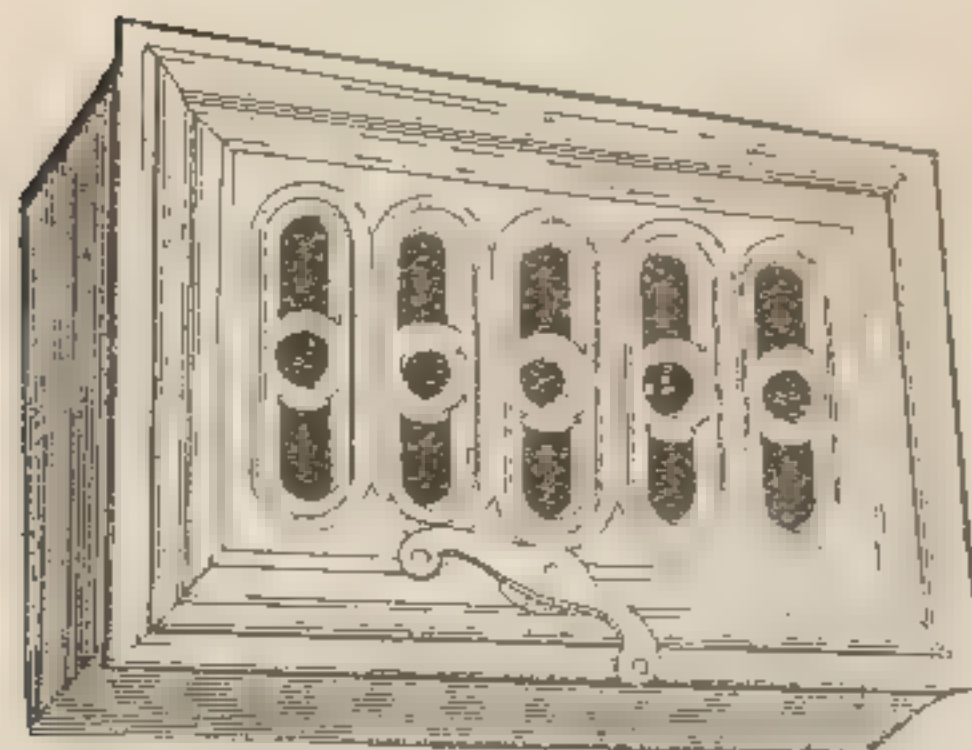
TERRA COTTA AIR BRICK.
9 x 6.



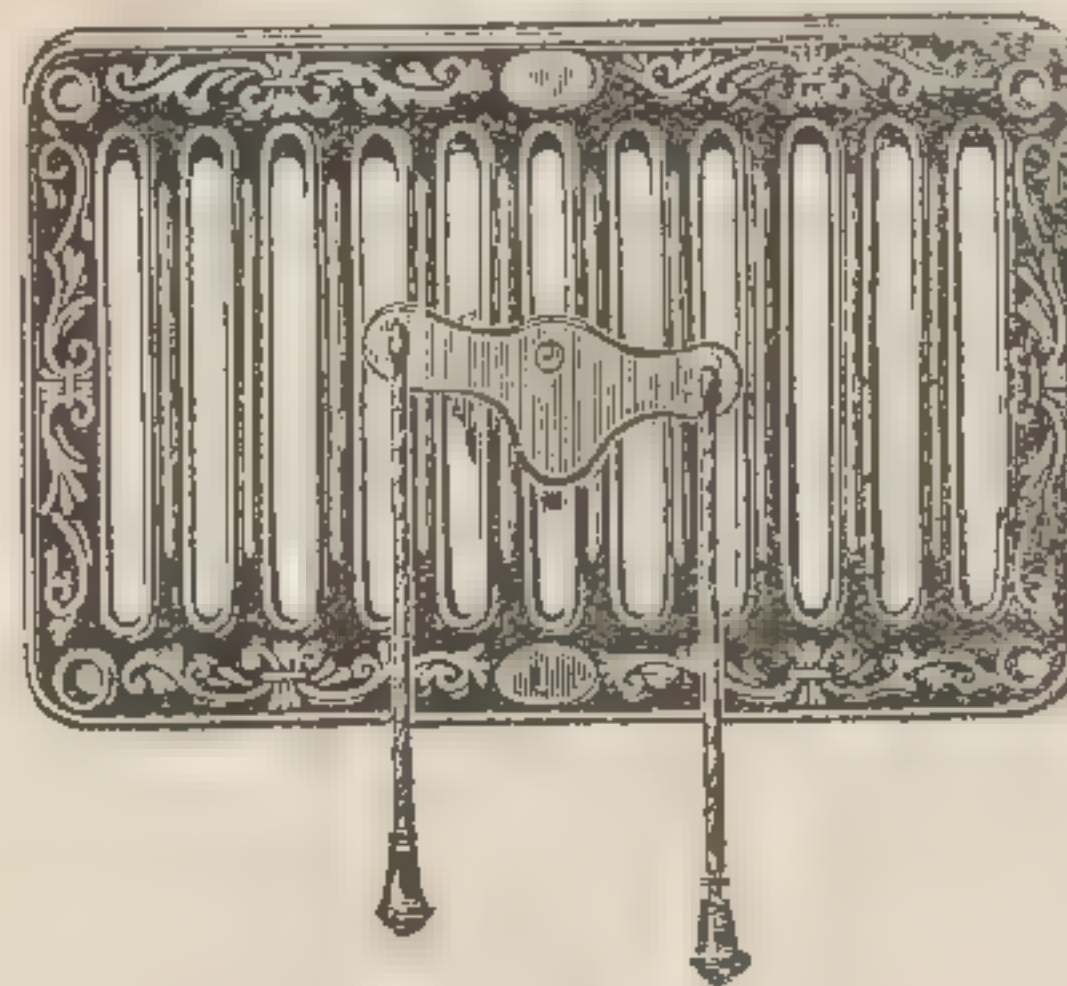
CROWN AIR BRICK.
As used by the Government,
9½ x 6½, 11½ x 6½, 14 x 10.



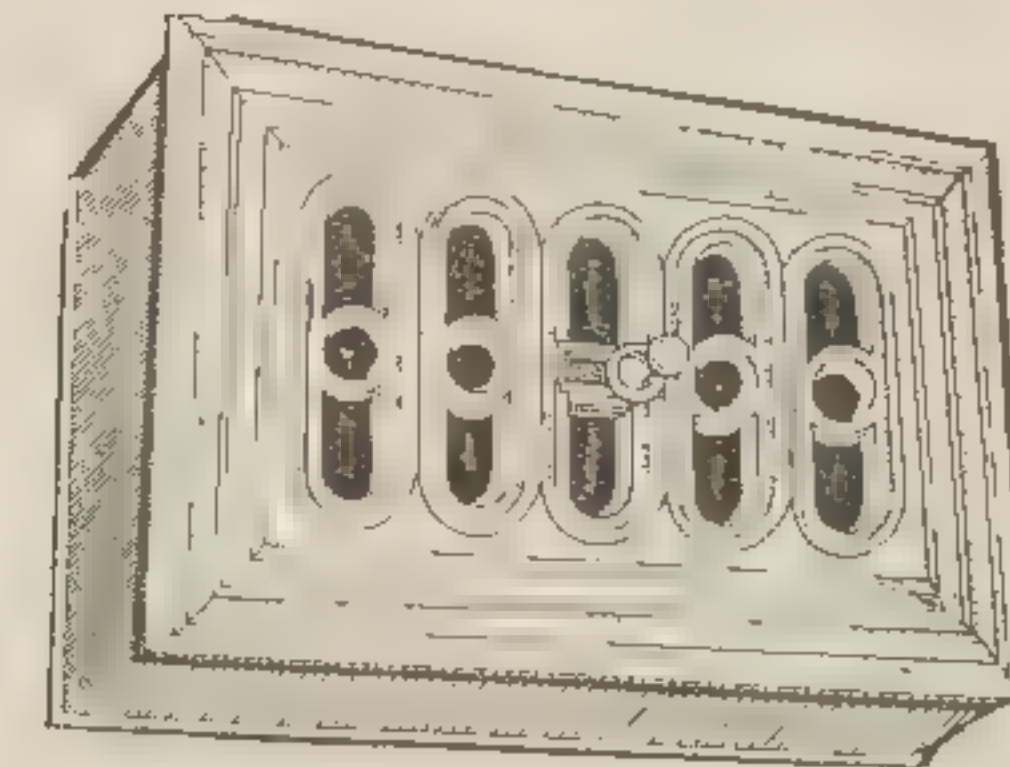
TERRA COTTA AIR BRICK.
9 x 6, 10 x 10, 12 x 9.
ALSO LOUVRE PATTERN.



HIT OR MISS AIR BRICK,
WITH LEVER.
Also with screw-holes, for weather
board buildings, 9 x 3, 9 x 6, 12 x 6.

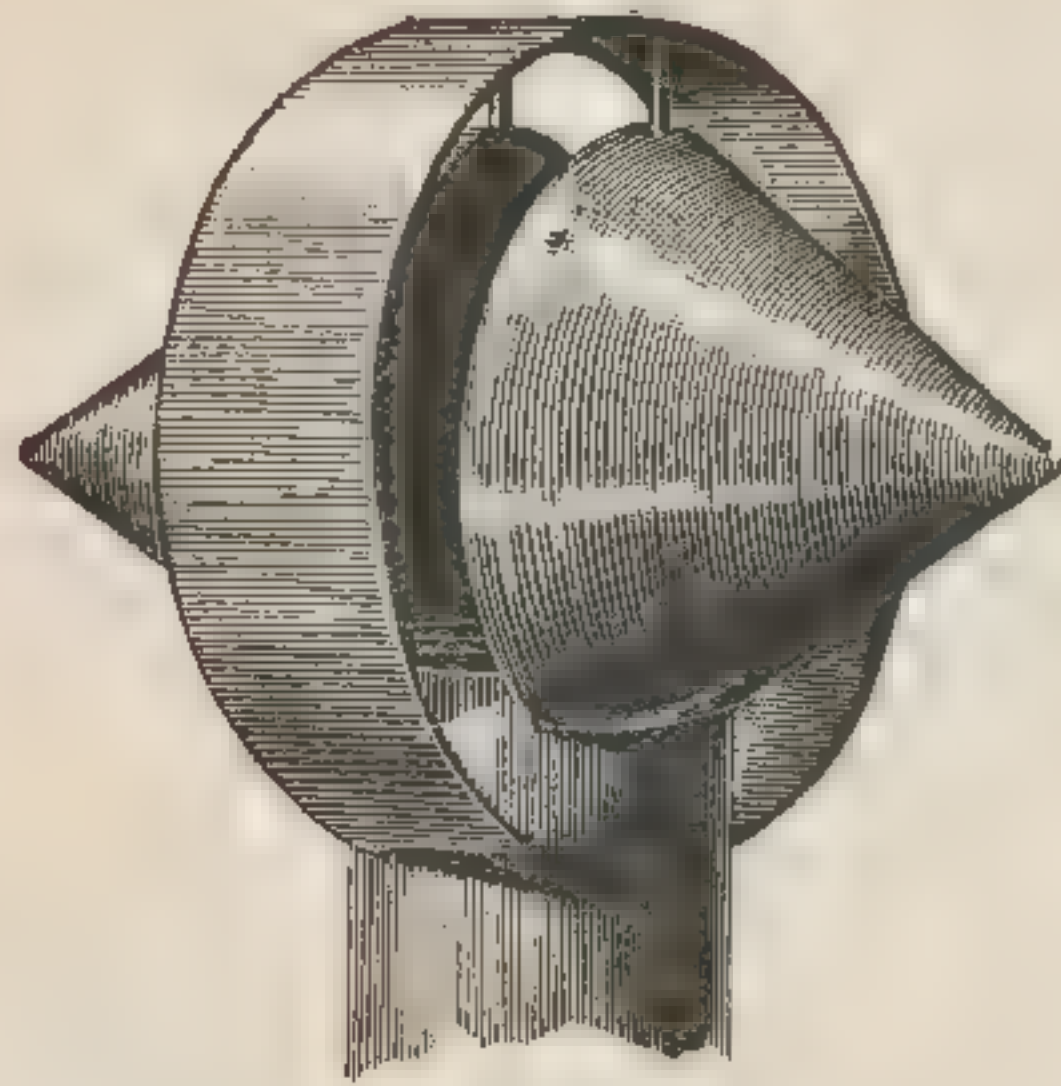


BRONZE HIT OR MISS AIR
VENTILATOR.
For weatherboard buildings, Ex-
ternal and Internal use, 9 x 6.



HIT OR MISS AIR BRICK, WITH
KNOB.
Also with screw-holes for weatherboard
buildings.
9 x 3, 9 x 6, 12 x 6.

Air Bricks, Ventilators, Etc.



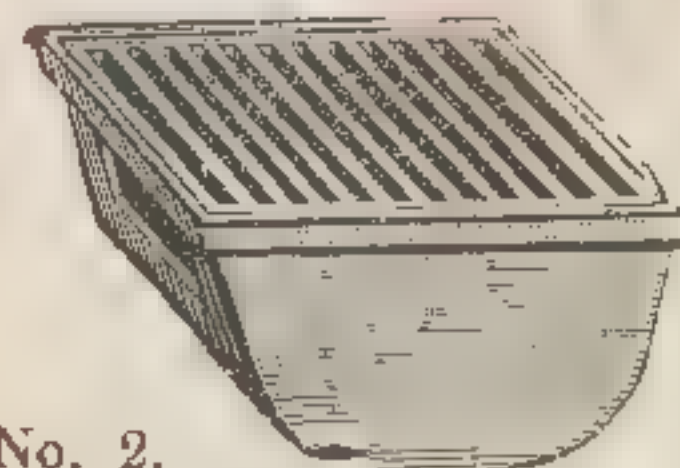
TORPEDO VENTILATOR
For 3 to 26 inch pipe.



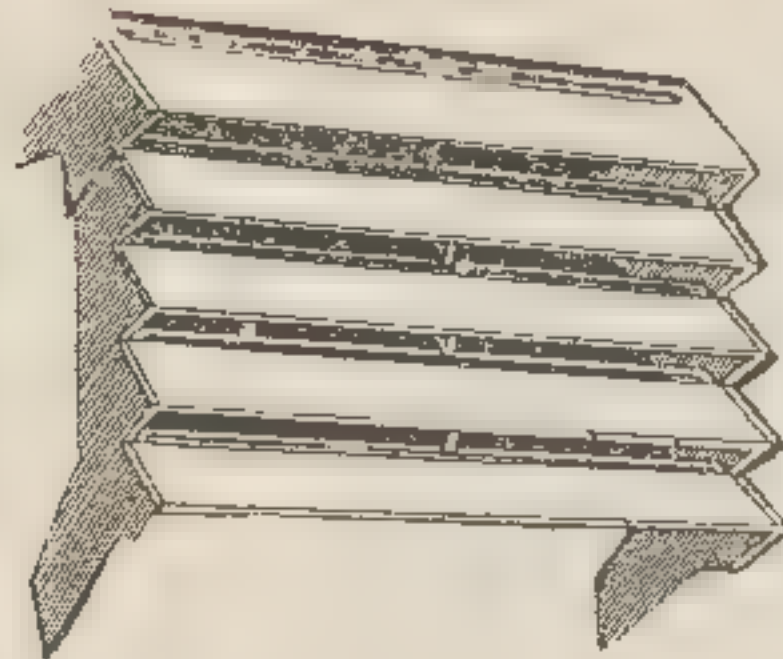
STAMPED ZINC VENTILATOR
for Weatherboards, 9 x 6.



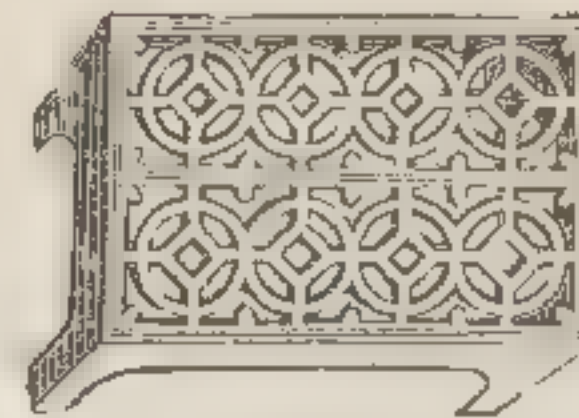
No. 1.



No. 2.
SINK TRAPS,
6, 7, 8, 9, 10, 11, 12 inch.
also round.

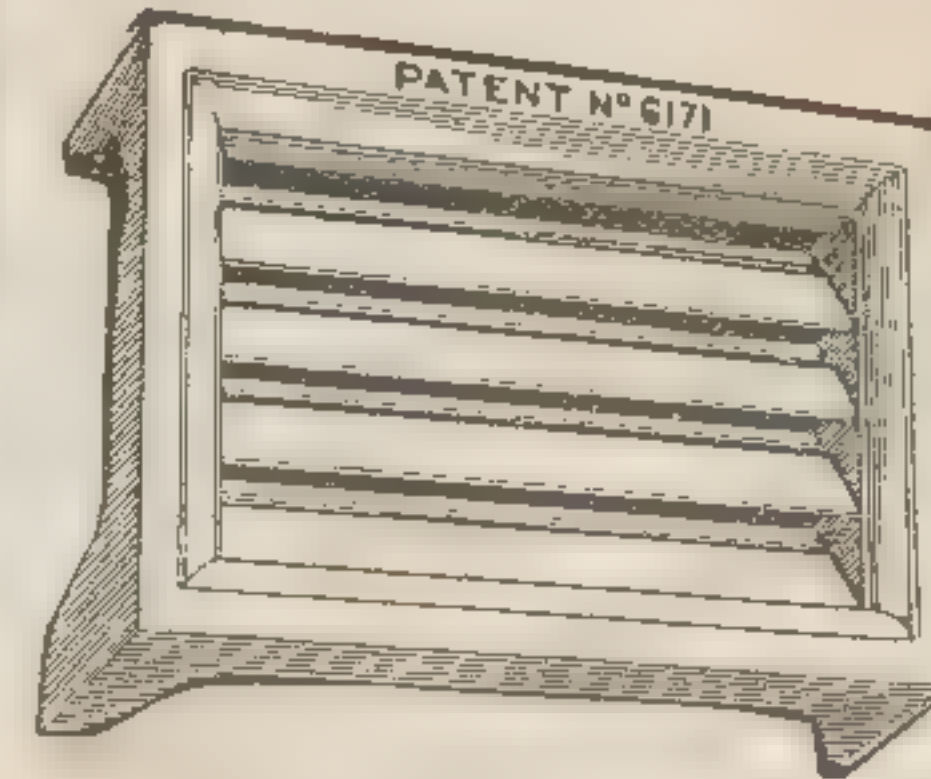


LOUVRE AIR BRICK.
9 x 3, 9 x 6, 9 x 9, 12 x 9,
18 x 9 inch.

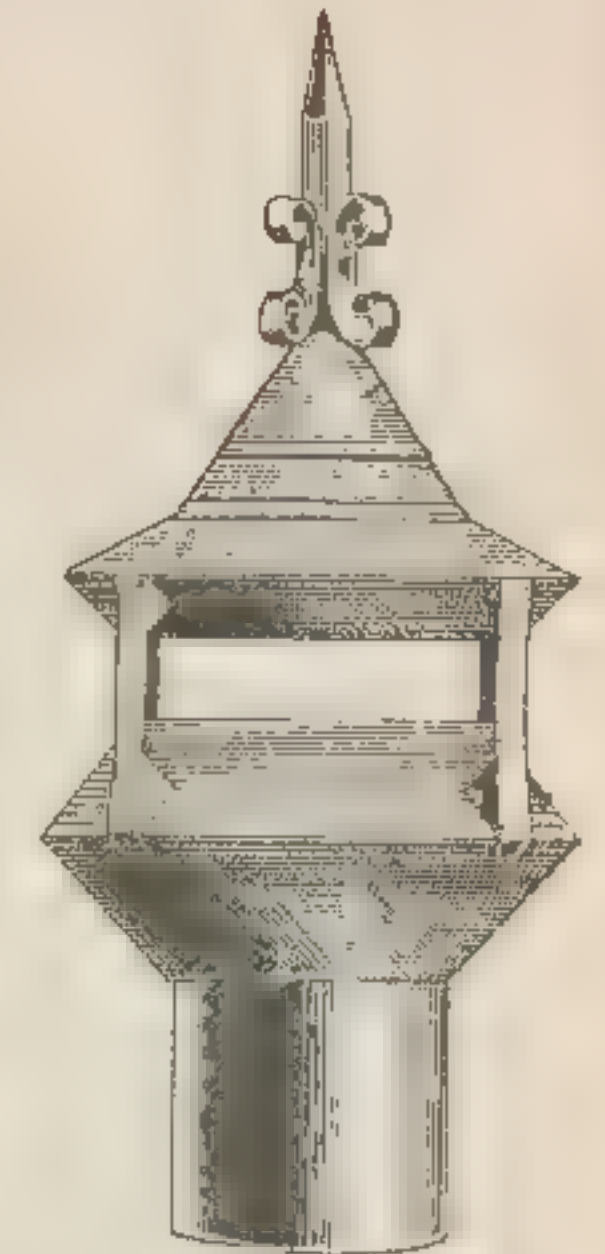


**GALVANIZED
CAST AIR BRICK**
9 x 3, 9 x 6.

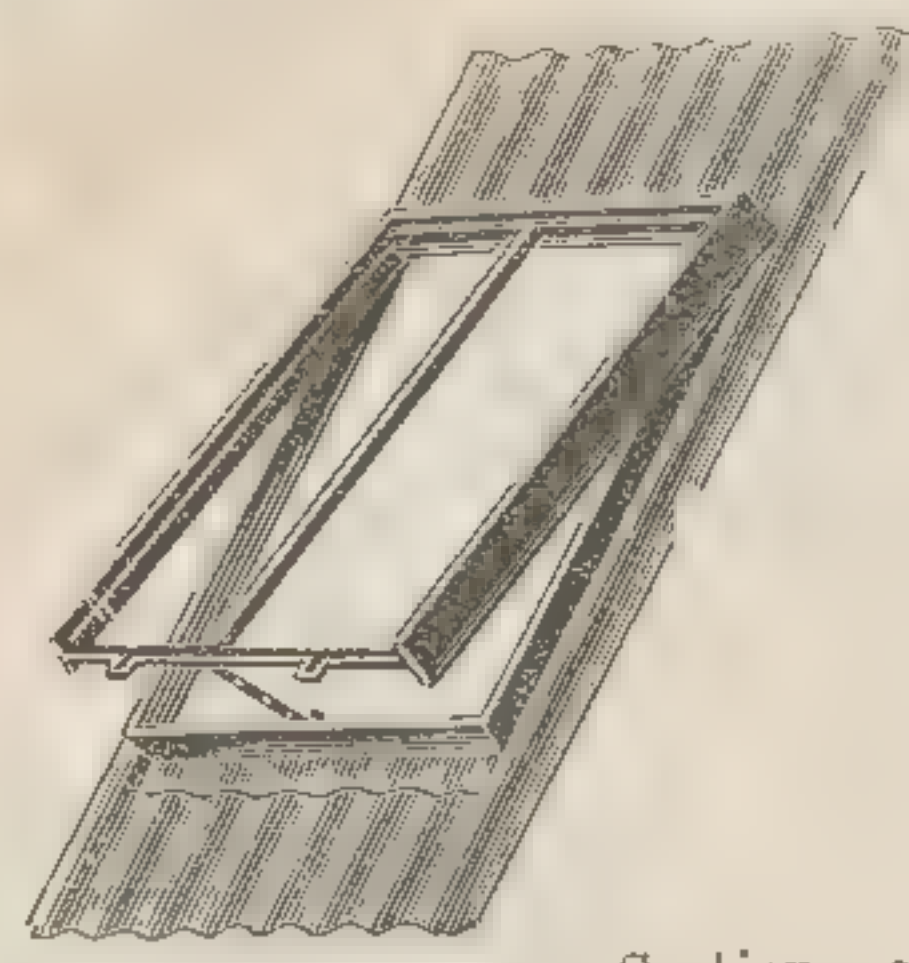
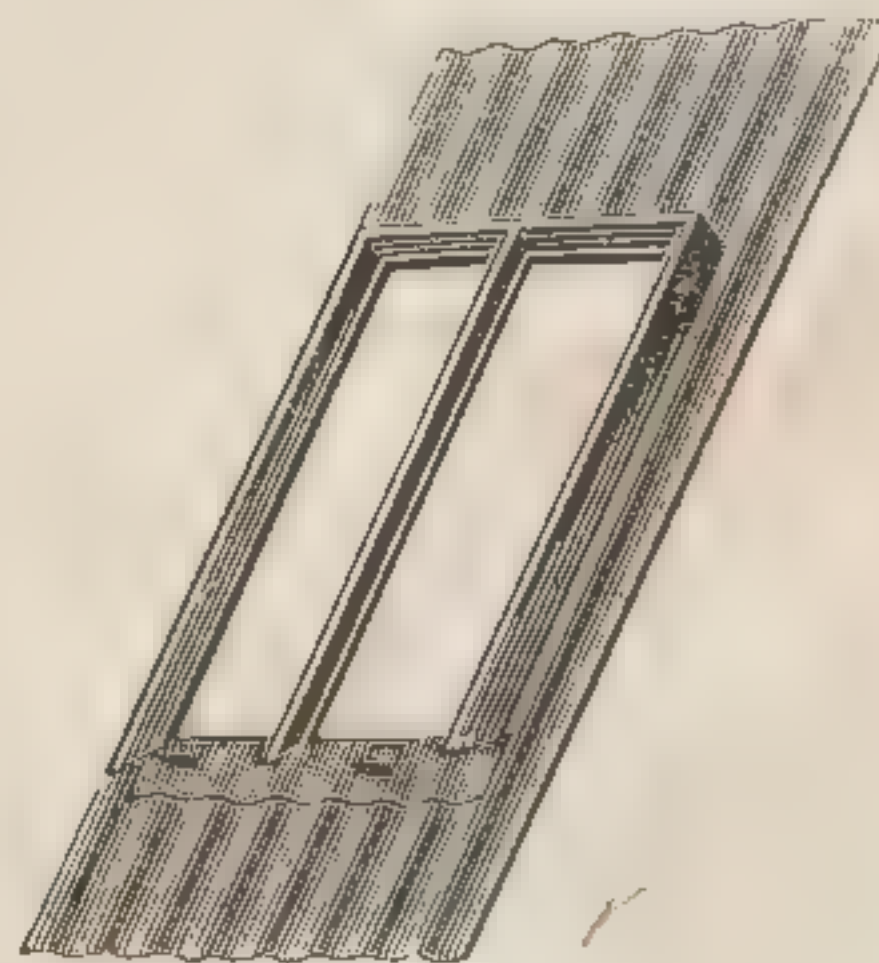
**GALVANIZED
STEEL AIR BRICKS**
9 x 3, 9 x 6.



PATENT LOUVRE AIR BRICK.
9 x 6, 12 x 6 inch.



PATENT EXHAUST GOWL.
2 to 18 inch.

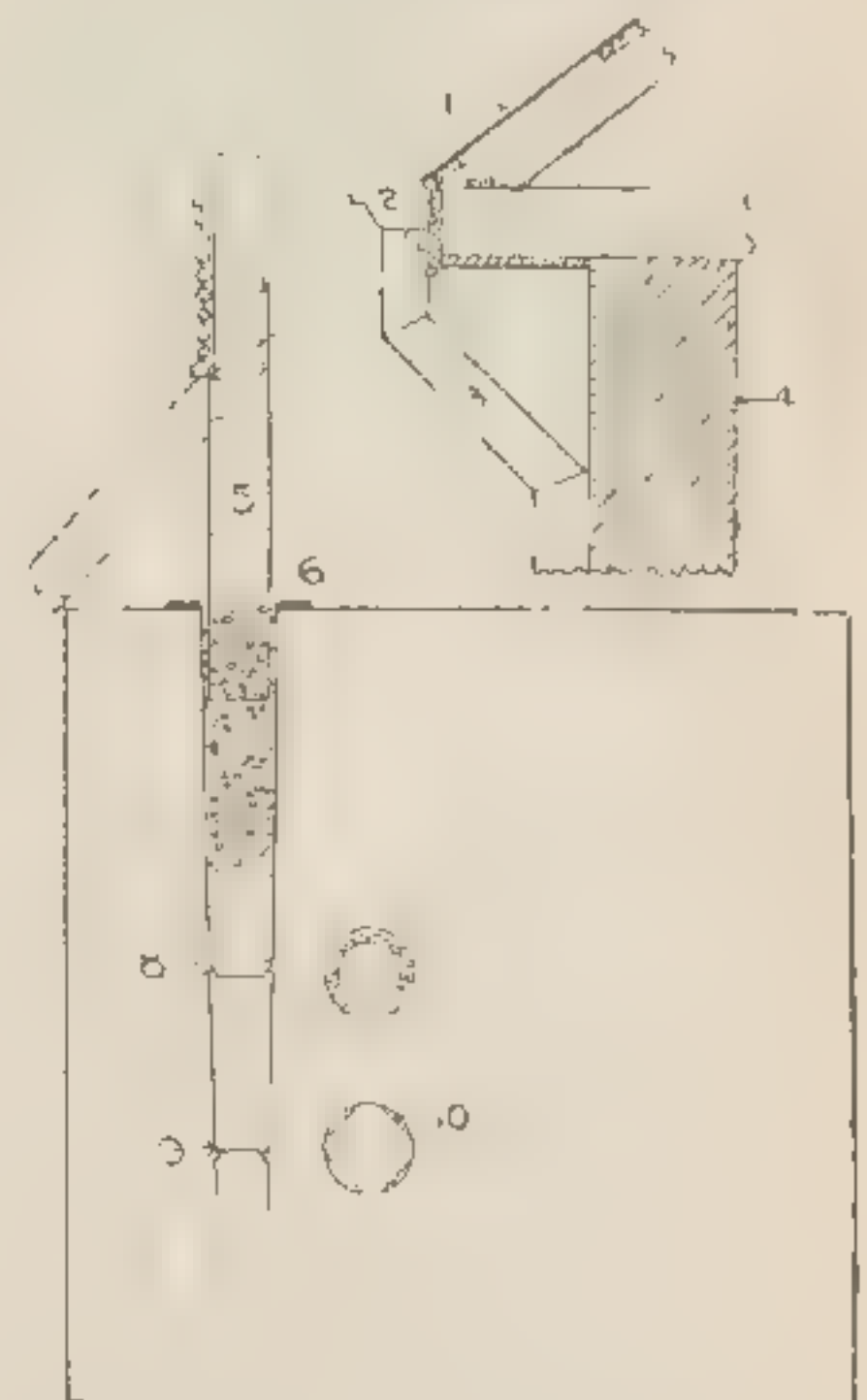


16oz GLAZED SKYLIGHTS, Fixed and to open, 5 to 10 ft.



CEILING CENTRES,
10 to 26 in., various designs.

Section showing
1 Roof
2 Gutter
3 Down-pipe
4 Wall
5 Diversion on
pipe for strainer.
6 Flange
8 Traps
10 Agitator.

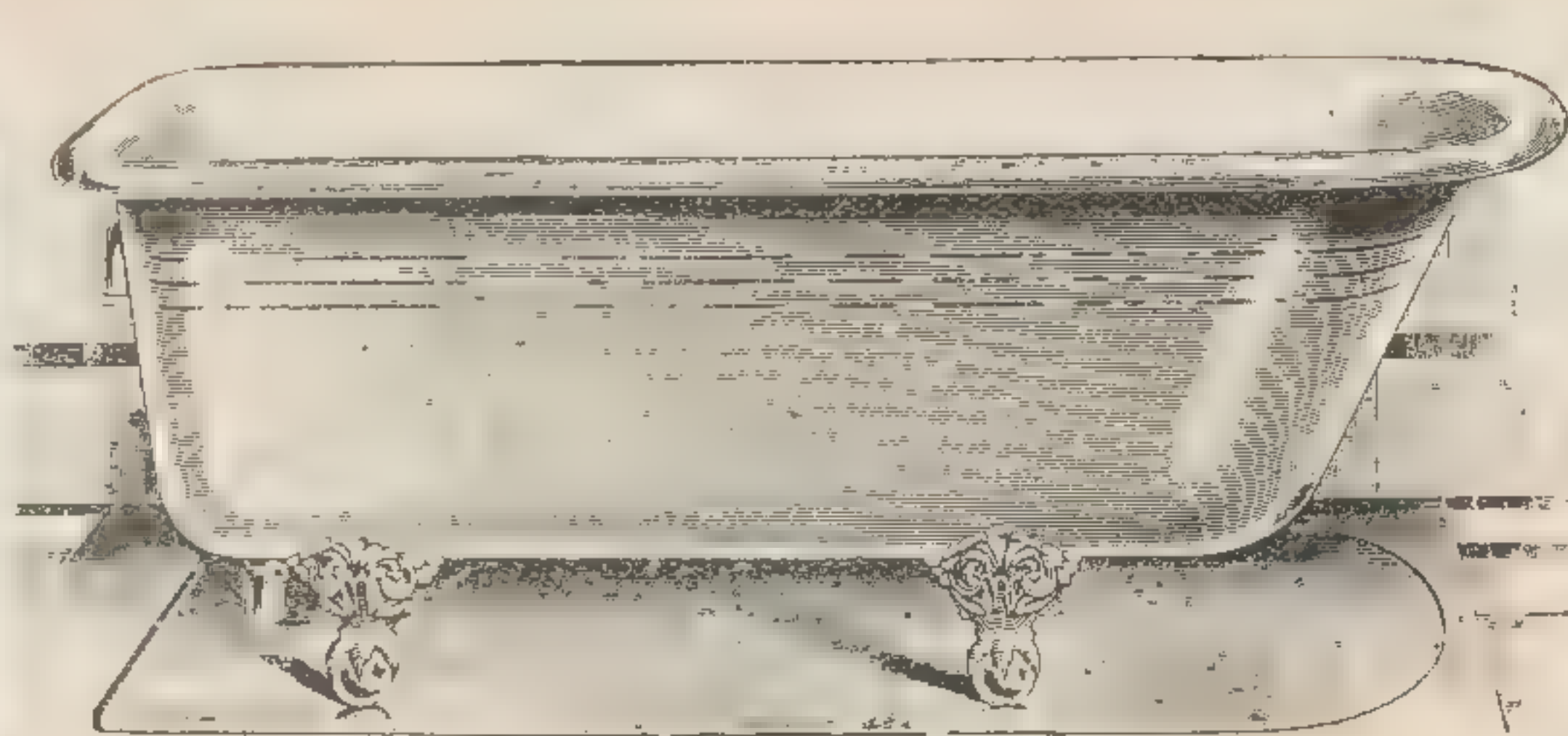


**CARPENTER'S PATENT ROOF WATER
STRAINER AND FILTER FOR TANKS.**
Adopted by N.S.W. Government.

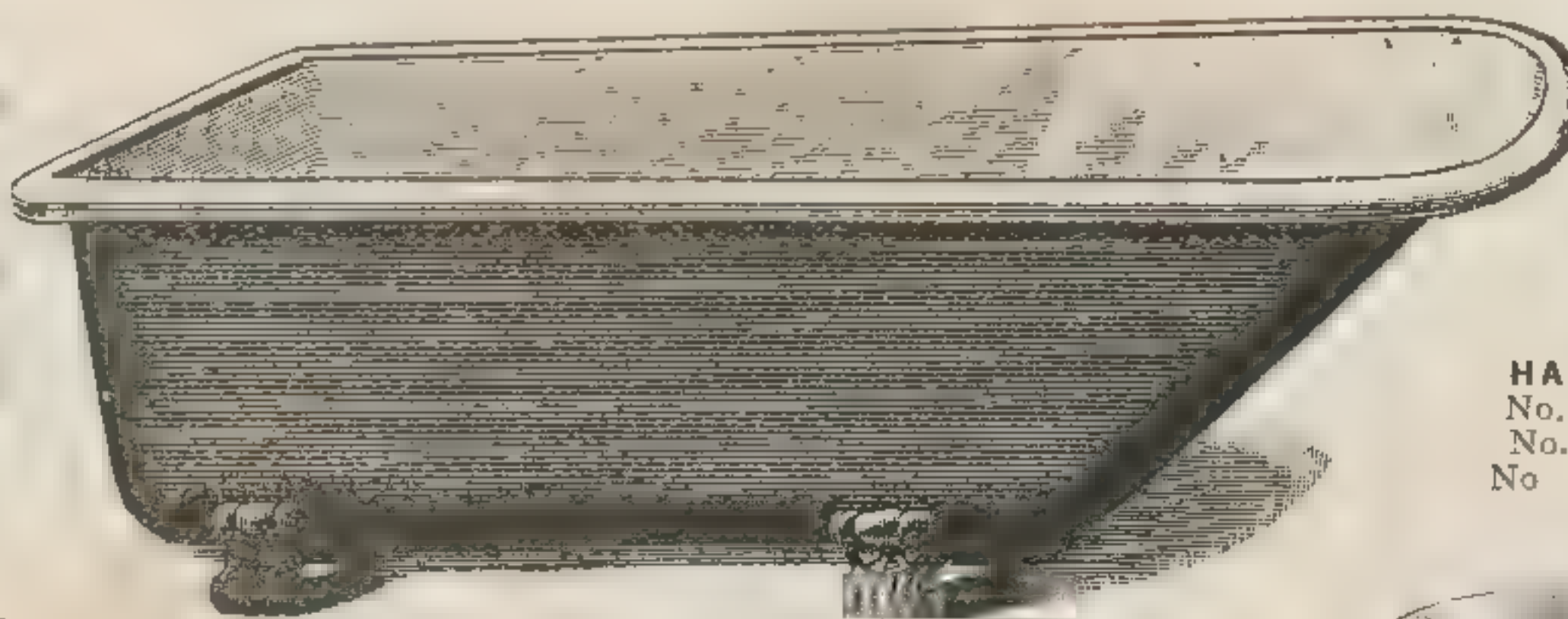
Baths and Accessories.



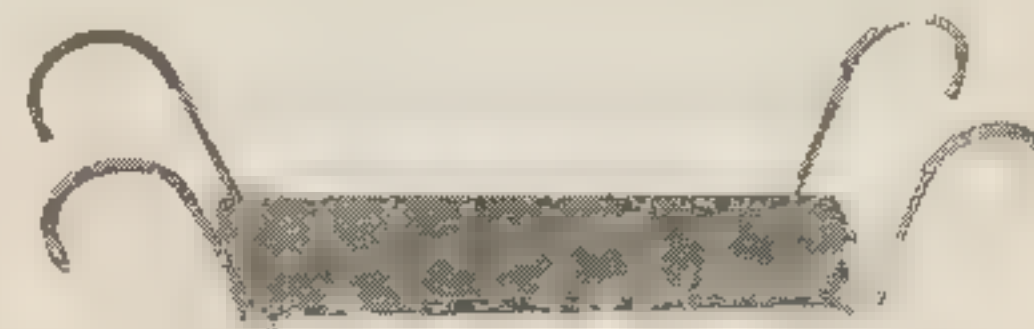
HANNAM'S BATH-HEATER, FOR GAS
Copper and Nickel-plated.
Do., do., with Shower, Copper and Nickel-plated



BEST PORCELAIN ENAMELLED BATHS, English and American, Roman
Pattern. Sizes, 5, 5½, 6, and 6½ ft.
Do. do., Enamelled inside and outside. Sizes, 5½ and 6 feet.
SCREENS to suit above, in Painted Corrugated Iron or White Rubber
Double Faced Sheetting.



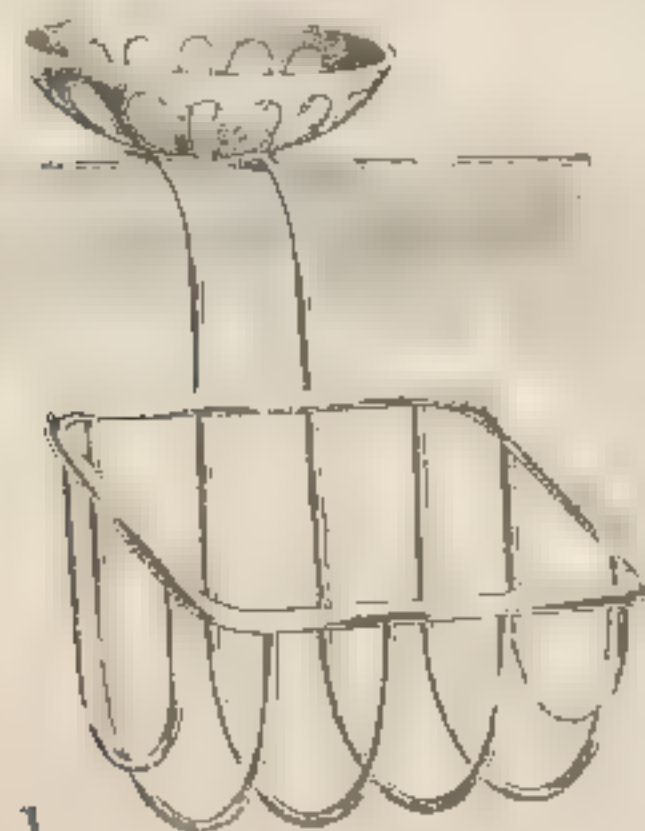
CAST-IRON BATHS, Painted White or Sienna
inside, Sizes, 5½ ft and 5 ft. 9 in.
GALVANIZED IRON BATHS Beaded, 5, 5½, and
6 ft., 24 or 26 gauge.
GALVANIZED IRON BATHS, Flanged, 5, 5½, and
6 ft., 24 or 26 gauge.



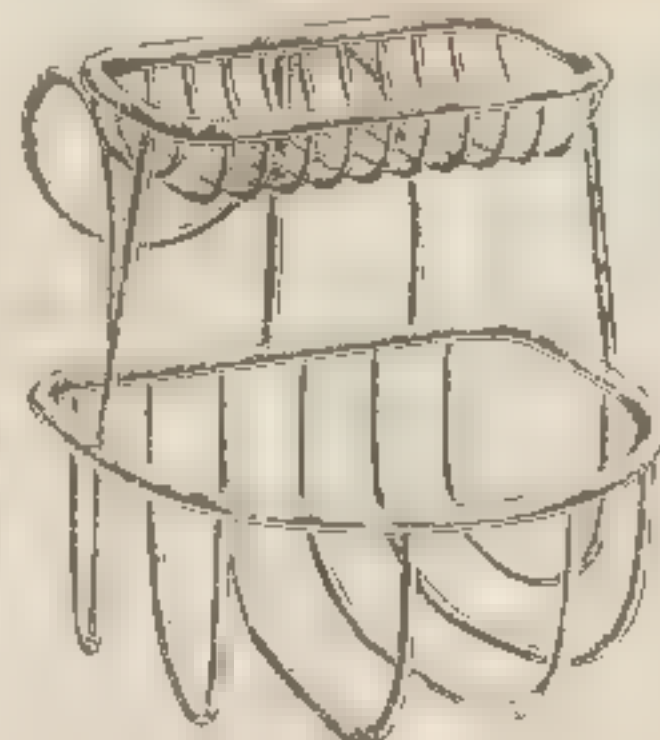
BATH SEAT, with Rubber-covered Grips, Oak
or Webbing.



HANNAM'S BATH-HEATER, for Wood Fuel.
No. 1—1 gallon per minute. Iron or Copper.
No. 2—2 gallons per minute. Iron or Copper.
No. 3—3 gallons per minute. Iron or Copper.



No. 1.
NICKEL-PLATED SOAP AND SPONGE HOLDERS.
For roll of Bath.



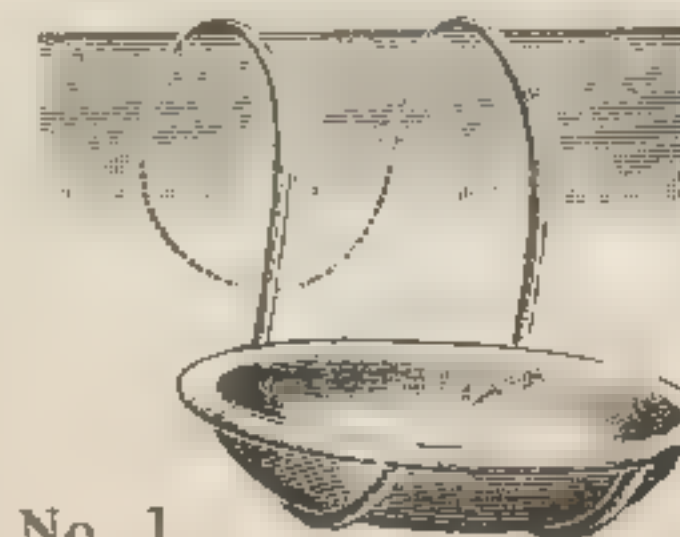
No. 2.



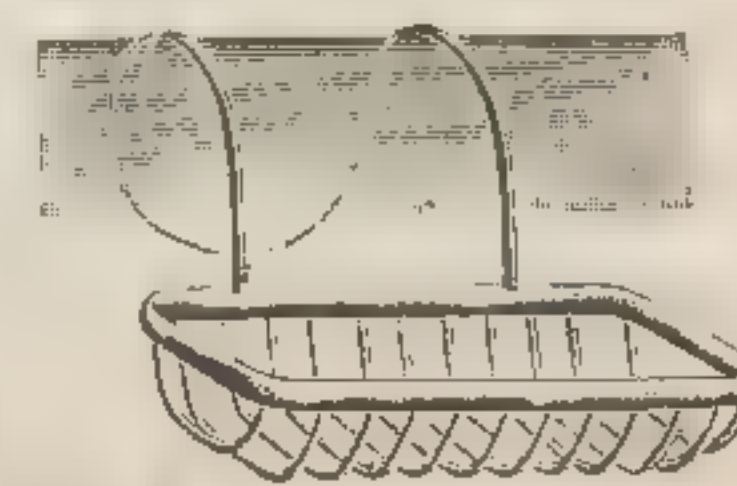
No. 1.
NICKEL PLATED SOAP HOLDERS, to screw
to wall.



No. 2



No. 1.



No. 2.

NICKEL-PLATED SOAP HOLDERS, for Roll of Bath.

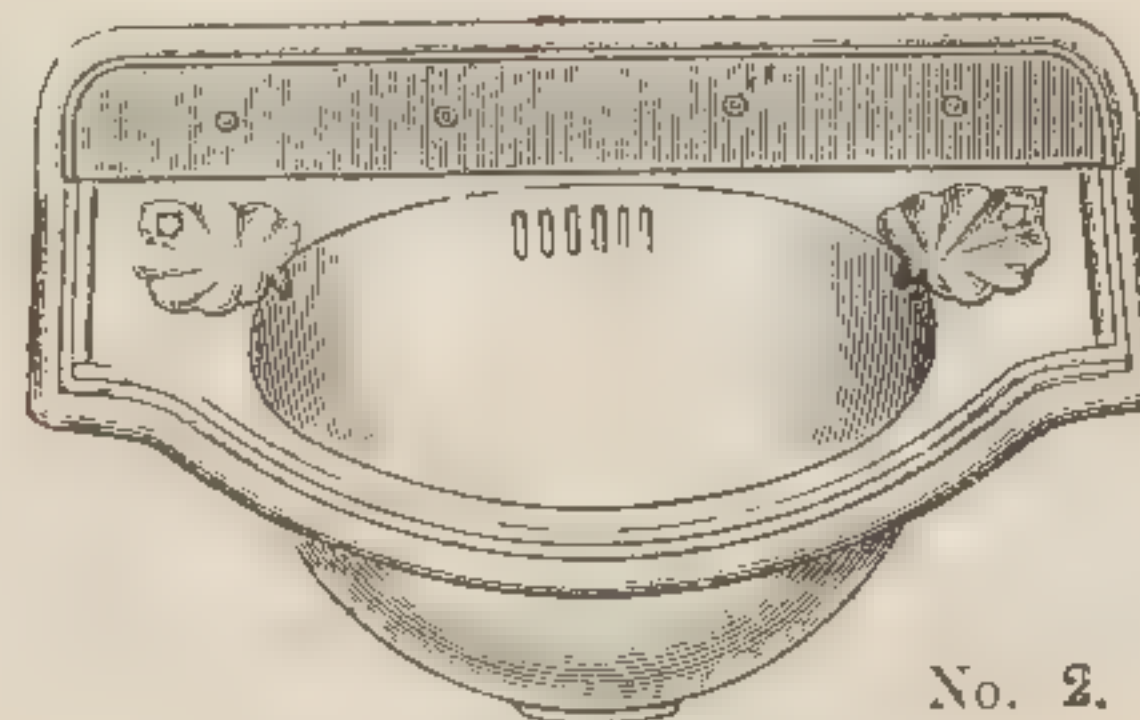
Earthenware Lavatory Basins.



No. 1.

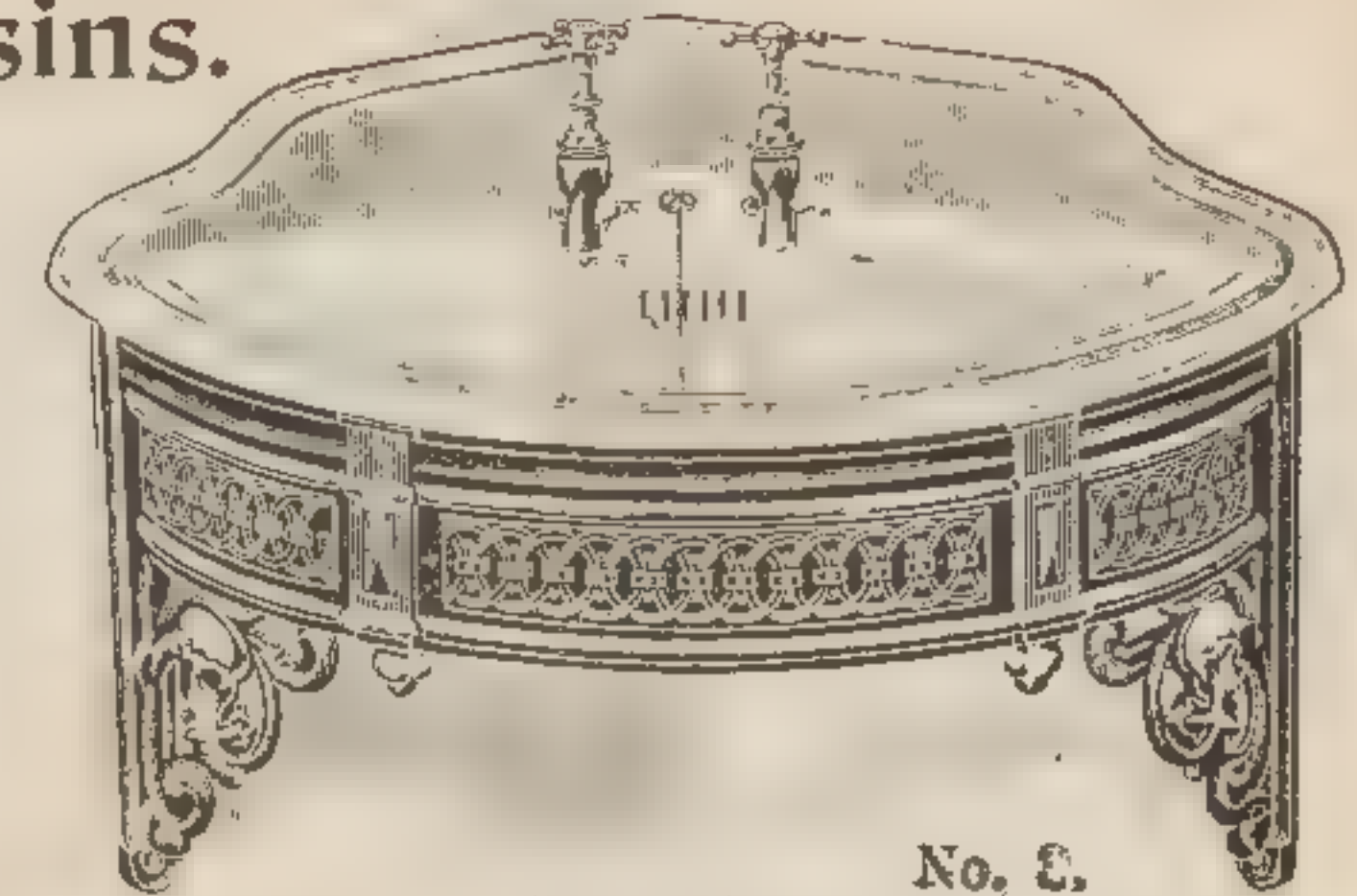
WHITE OBLONG BASIN,
with Skirting.

Sizes, 18in. x 15in. Basin-hole, 12in.
 Sizes, 22in. x 16in. Basin-hole, 16½in. x 11½in.
 Sizes, 25in. x 17in. Basin-hole, 20in.
 Sizes, 27in. x 20in. Basin-hole, 21in. x 15in.



No. 2.

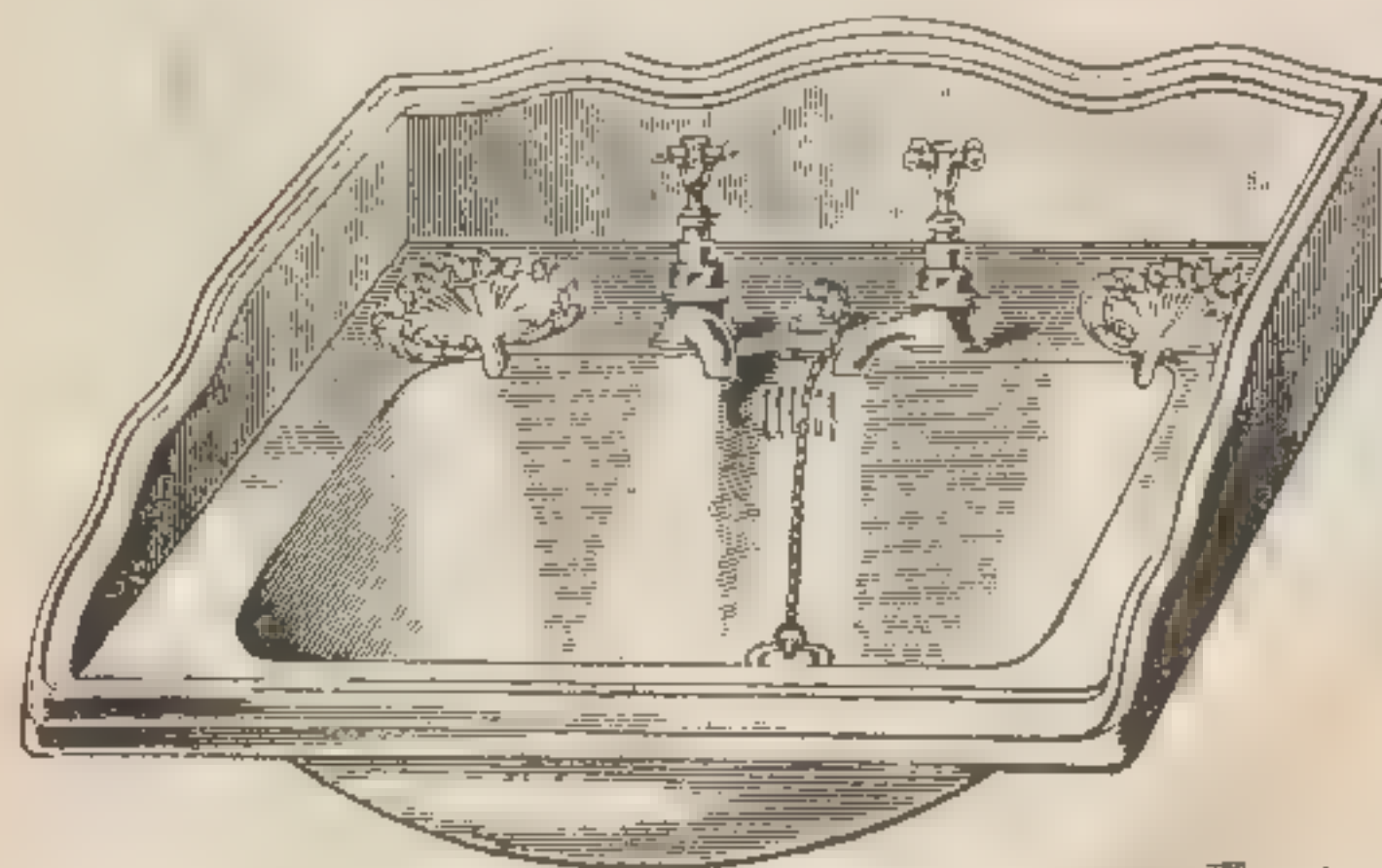
WHITE OBLONG BASIN,
to screw to Wall.
 Size, 24in. x 14in. Basin-hole, 17in. x 11in.



No. 3.

WHITE ANGLE BASIN,
with Skirting.

Sizes, 24in. x 18in. Basin-hole, 14in. x 10½in.
 Sizes, 26in. x 22in. Basin-hole, 17½in. x 11½in.
 Sizes, 24in. x 18in. Without Skirting.



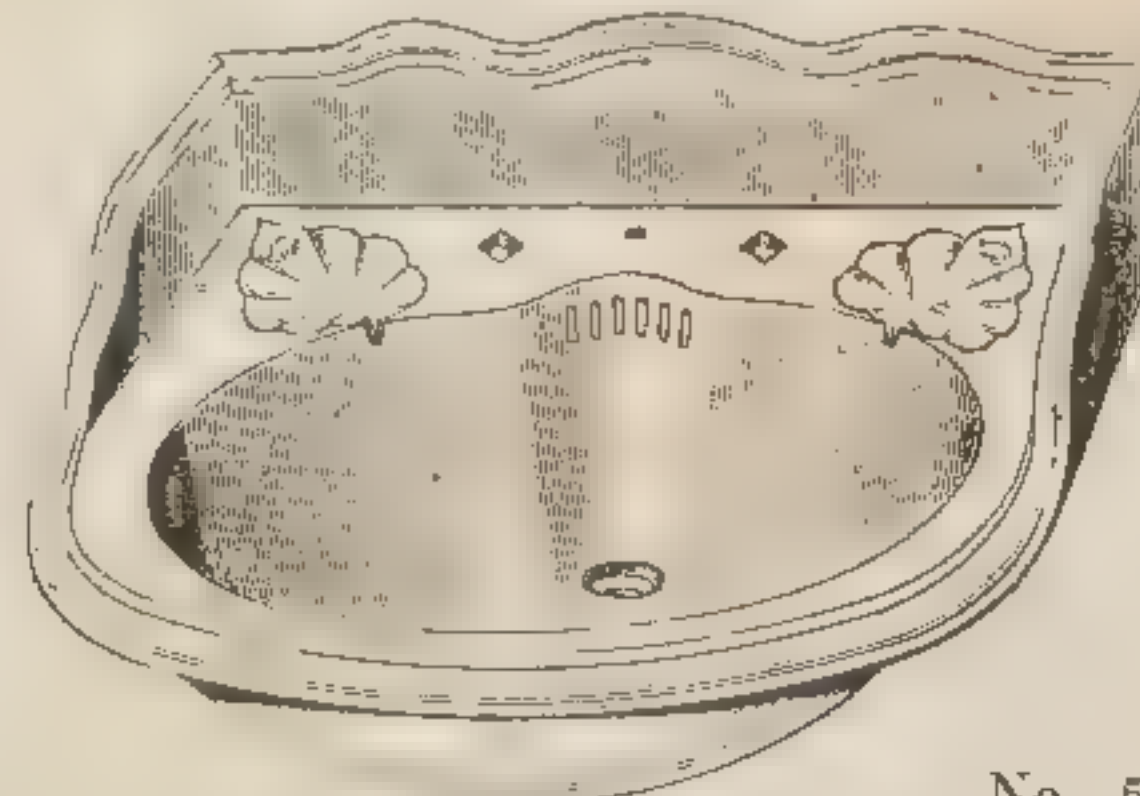
No. 4.

WHITE OBLONG BASIN,
with Skirting.

Sizes, 14½in. x 14½in. Basin-hole, 11in. x 9½in.
 Sizes, 18in. x 18in. Basin-hole, 14in. x 12in.
 Sizes, 20in. x 16in. Basin-hole, 15in. x 10½in.
 Sizes, 22in. x 16in. Basin-hole, 16½in. x 11in.
 Sizes, 23in. x 17in. Basin-hole, 17in. x 11½in.
 Sizes, 25in. x 18in. Basin-hole, 18in. x 13in.
 Sizes, 27in. x 19in. Basin-hole, 19½in. x 13½in.
 Can also be supplied in same sizes without Skirting

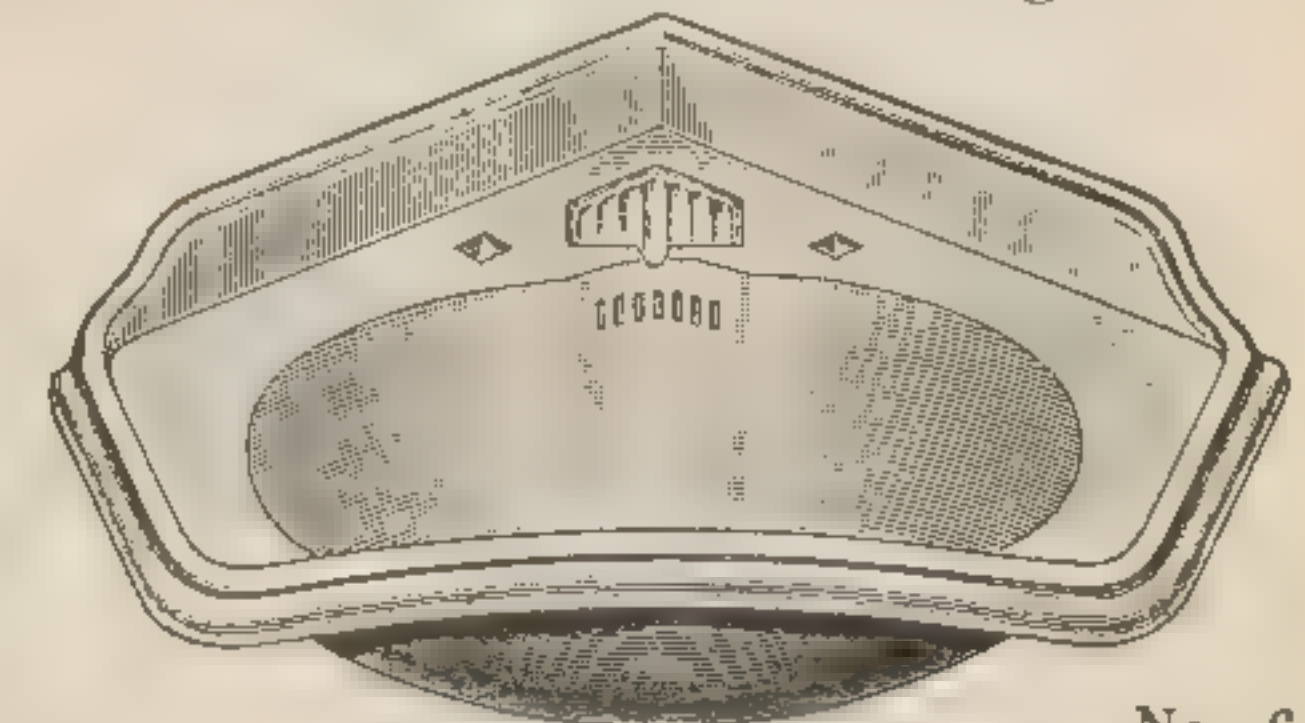
No. 7.

WHITE OBLONG BASIN
without Skirting.
 Sizes similar to No. 4.



No. 5.

WHITE OBLONG BASIN
with Round Front and Skirting.
 Sizes, 20in. x 18in. Basin-hole, 14½in. x 12in.
 Sizes, 22in. x 19in. Basin-hole, 16in. x 14in.



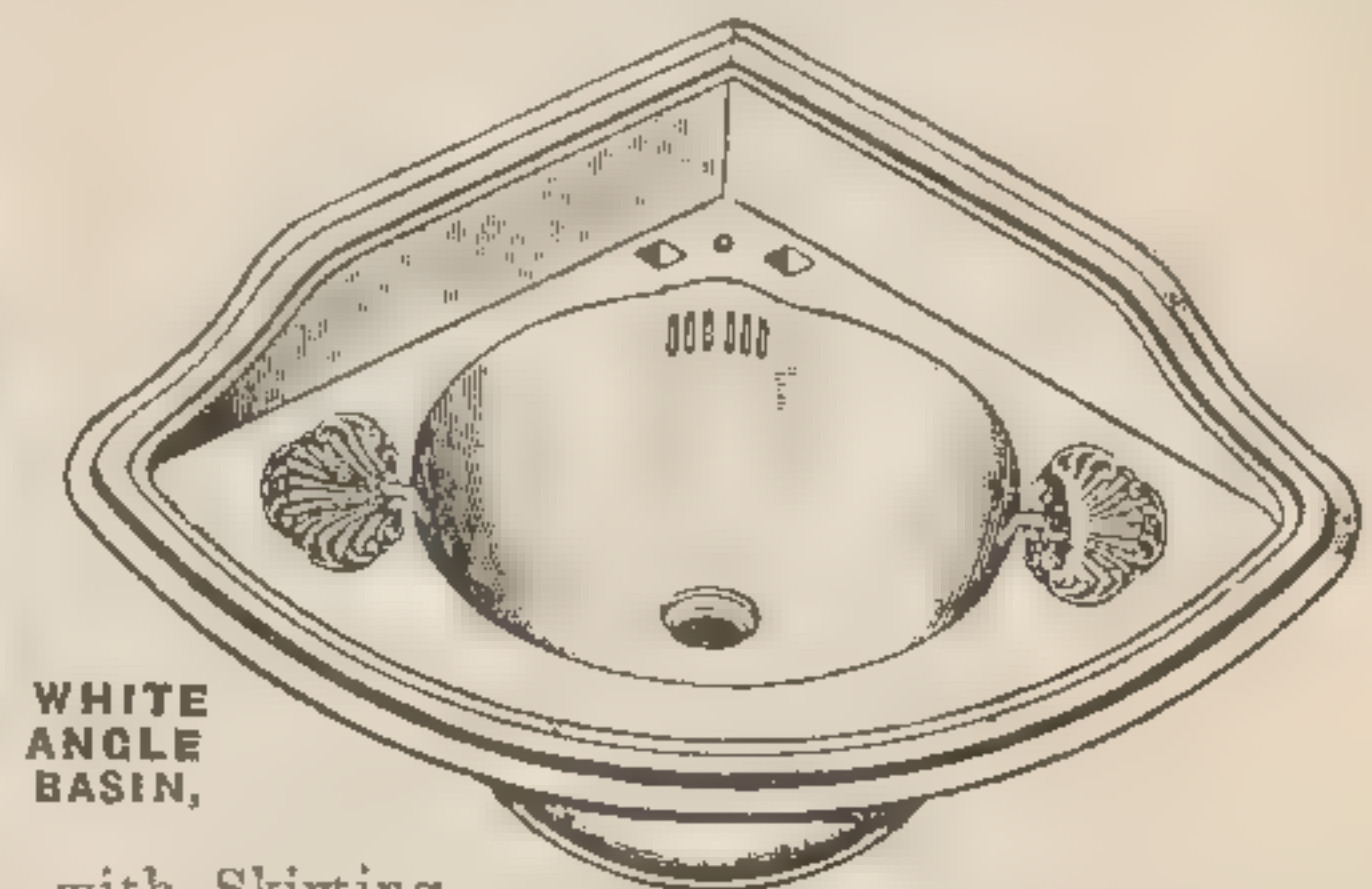
No. 6.

WHITE ANGLE BASIN
with Recessed Front and Skirting.
 Size, 25in. x 20½in. Basin-hole, 16½in. x 13in.



No. 8.

WHITE OBLONG BASIN,
with Recessed Front and Skirting.
 Size, 25in. x 19in. Basin-hole, 19½in. x 12in.

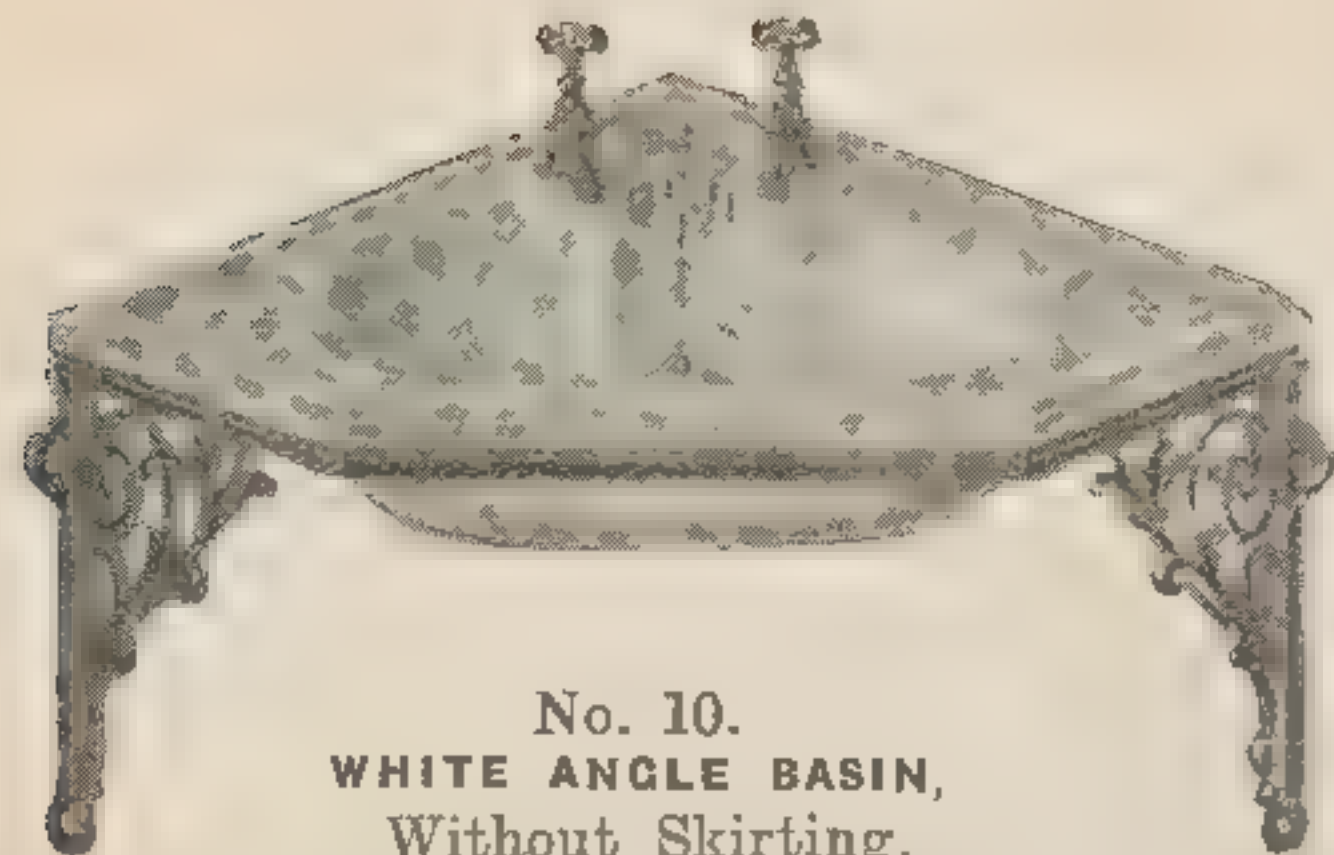


WHITE ANGLE BASIN,

with Skirting.
 Sizes, 17in. x 17in. Basin-hole, 11½in. x 9½in.
 Sizes, 20½in. x 20½in. Basin-hole, 14½in. x 11½in.
 NOTE. Angle Basins are measured at the widest part, and from back to front.

IRON FRAMES AND BRACKETS FOR ALL BASINS.

Earthenware Lavatory Basins.—Continued.



No. 10.
WHITE ANGLE BASIN,
Without Skirting.

Sizes: 22 in. x 18 in., basin hole, 12 in. x 10 in.
 „ 24 in. x 18 in., „ 14 in. x 11 in.
 „ 27 in. x 20 in., „ 15½ in. x 12 in.

IRON FRAME AND BRACKETS FOR ABOVE.

IRON STAND TO SCREW TO FLOOR, FOR ABOVE.

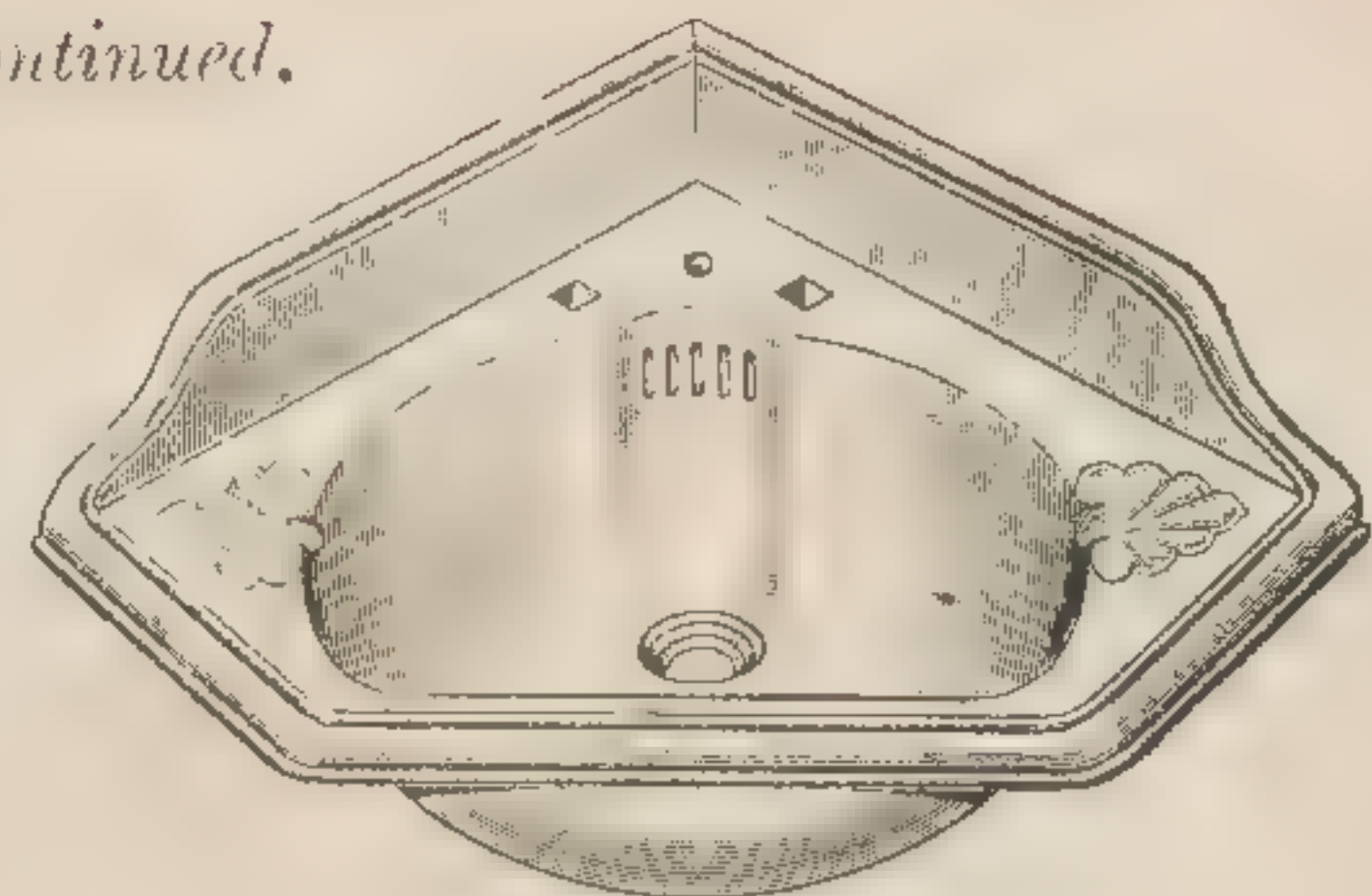


No. 11.
ROUND LAVATORY BASINS.

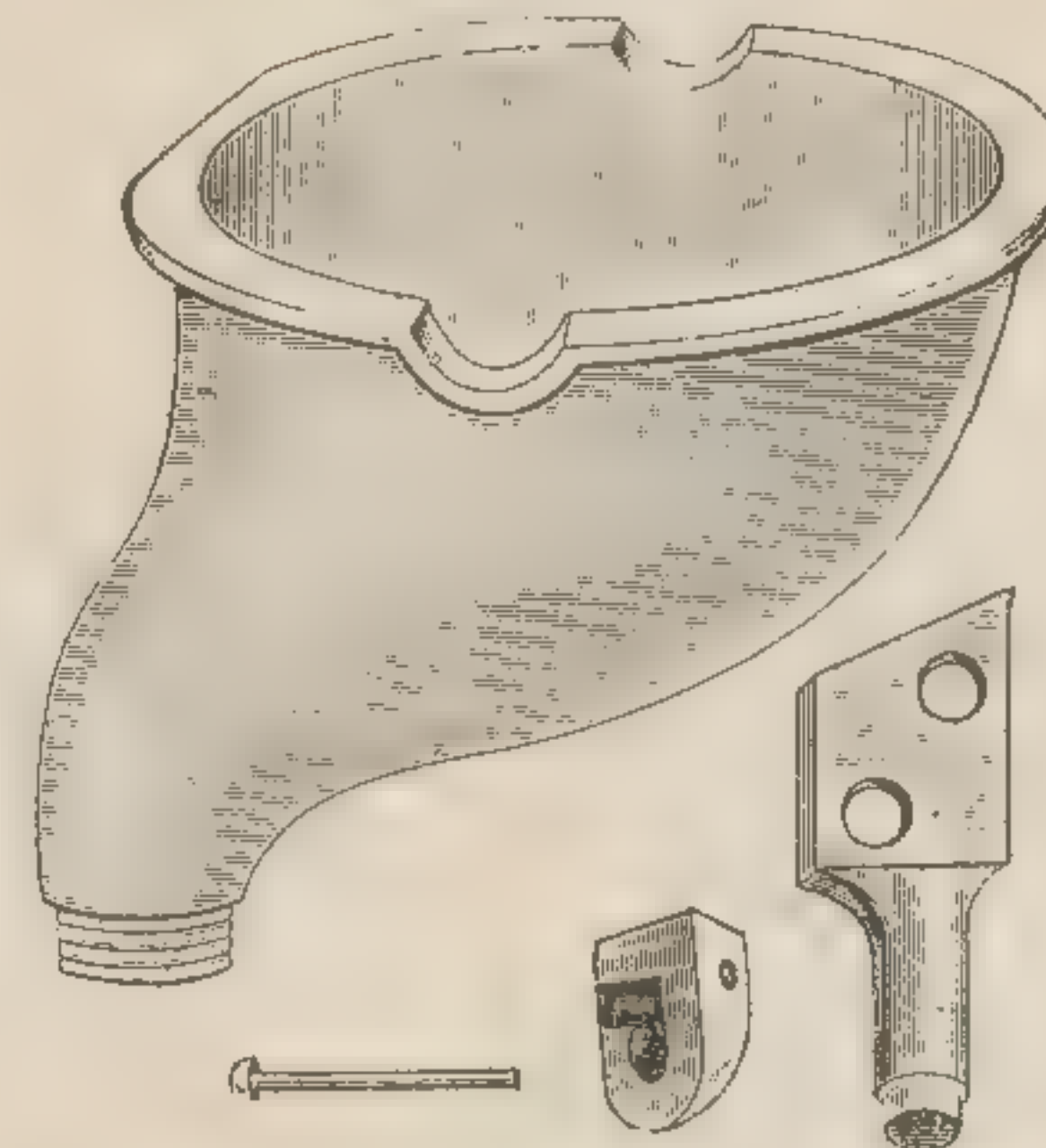
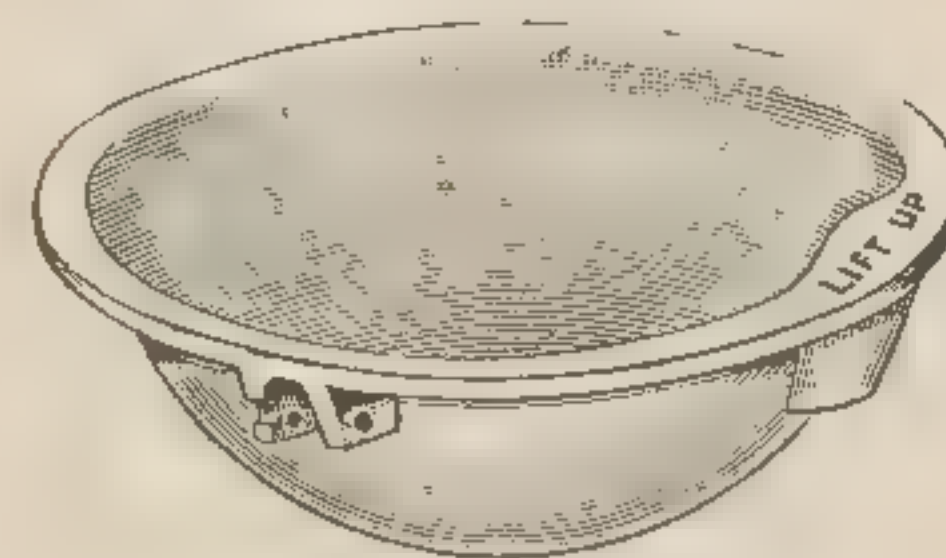
In Earthenware or Porcelain Enamelled
 Iron Sizes: 12½, 13½, 14½, 15½, 16, 17,
 and 18 overall. With or without over-
 flow.

STAMPED STEEL ENAMELLED BASINS.

Without overflow, 12, 14, 15, and 16 in.



No. 12.
WHITE ANGLE BASIN,
With skirting; sizes as No. 10.
IRON FRAME AND BRACKETS FOR ABOVE.
IRON STAND TO SCREW TO FLOOR, FOR
ABOVE.



WHITE EARTHENWARE TIP-UP BASIN AND RECEIVER,
 with brass fittings, sizes 14 in. and 16 in.



GLAZED FIRECLAY LAVATORY RANGE.

For three persons; with overlap joint, 24 in. x 18 in. x
 6½ in., recessed waste and overflow; ½ in. nickel-
 plated hot and cold water taps; nickel-plated plugs
 and washers and chain stays, and Fireclay Pedes-
 tals. Can be supplied in larger ranges if required.

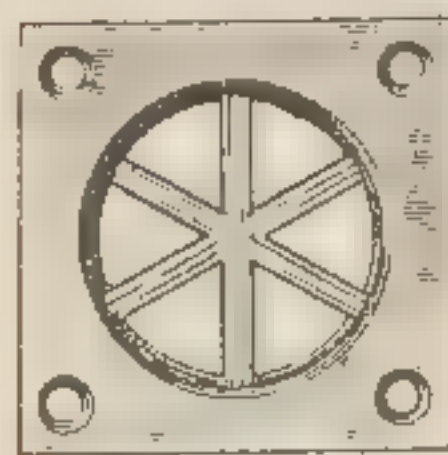
Porcelain Enamelled Basins.



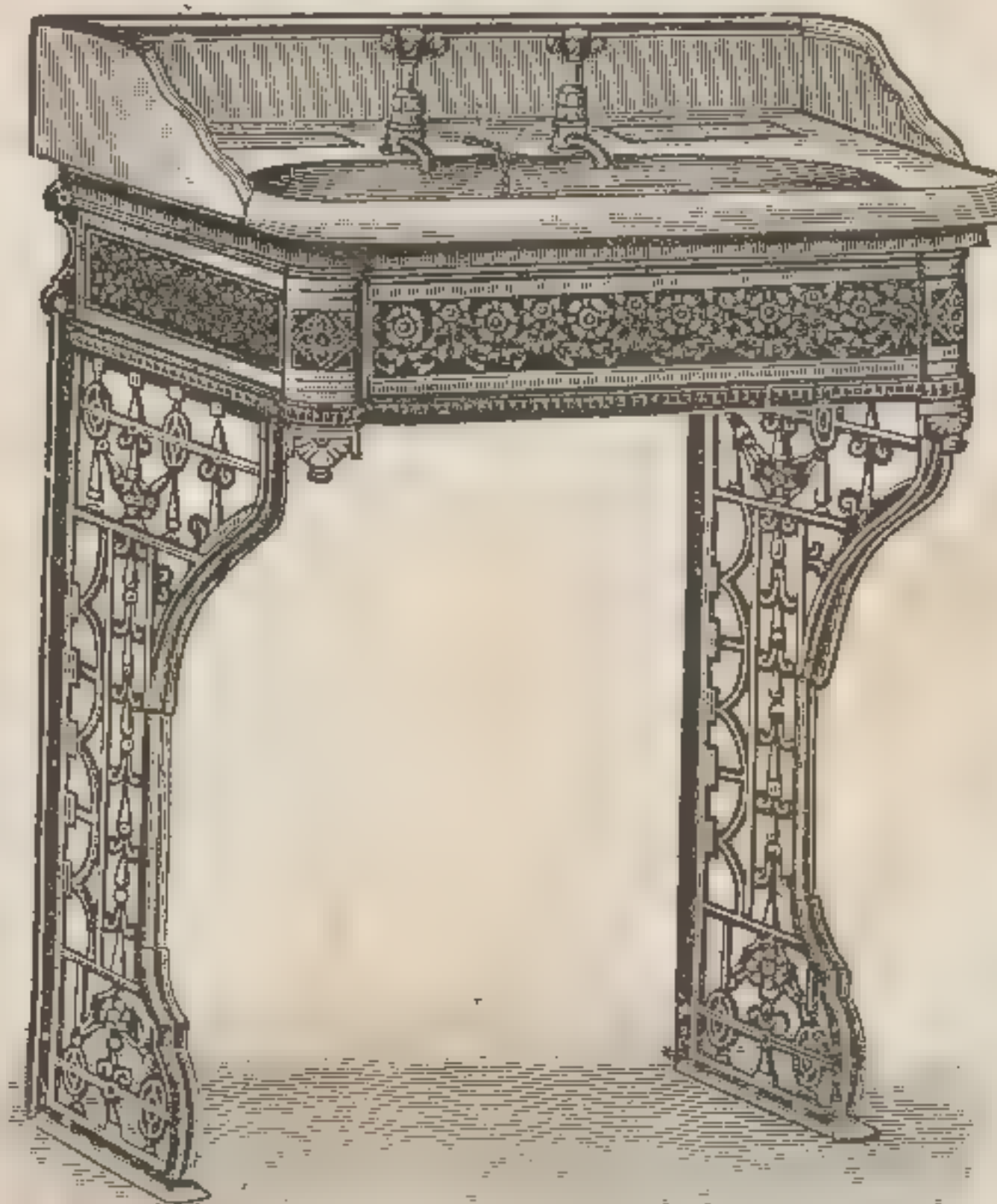
No. 1.
SQUARE PORCELAIN ENAMELLED IRON BASIN, with Skirting.
Size, 17 $\frac{3}{4}$ in. x 17 $\frac{3}{4}$ in. Basin-hole, 12in.



No. 2.
OBLONG PORCELAIN ENAMELLED IRON BASIN with Skirting.
Size, 25in. x 17in. Basin hole, 19 $\frac{1}{2}$ in. x 13in.



SQUARE PLUG AND WASHERS,
1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ inch.

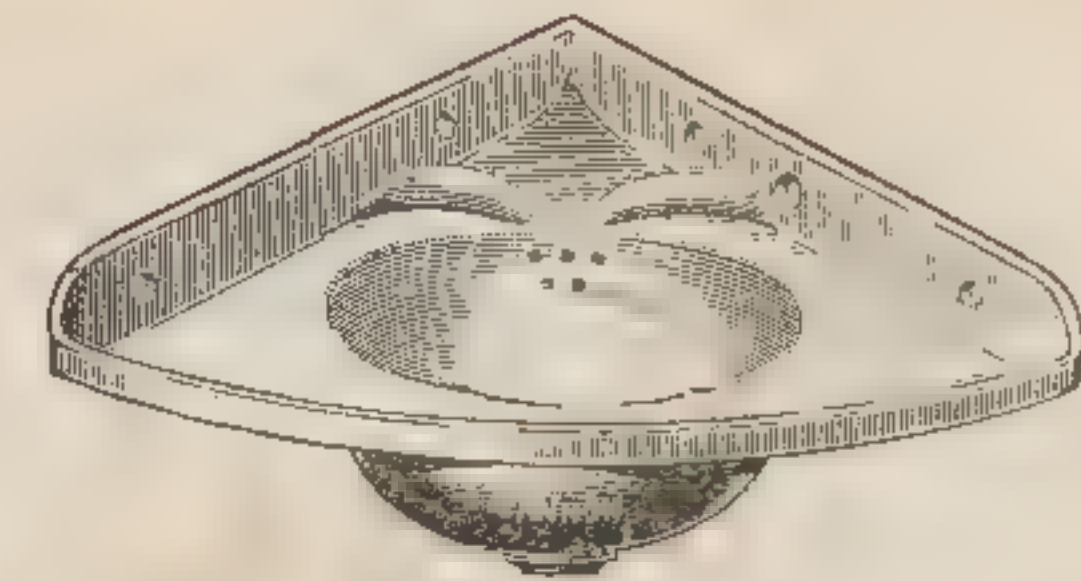


No. 3.
ORNAMENTAL CAST IRON STAND to screw to Floor; to suit No. 4, Porcelain Enamelled Basin. Can also be adapted for oblong Earthenware Basins.

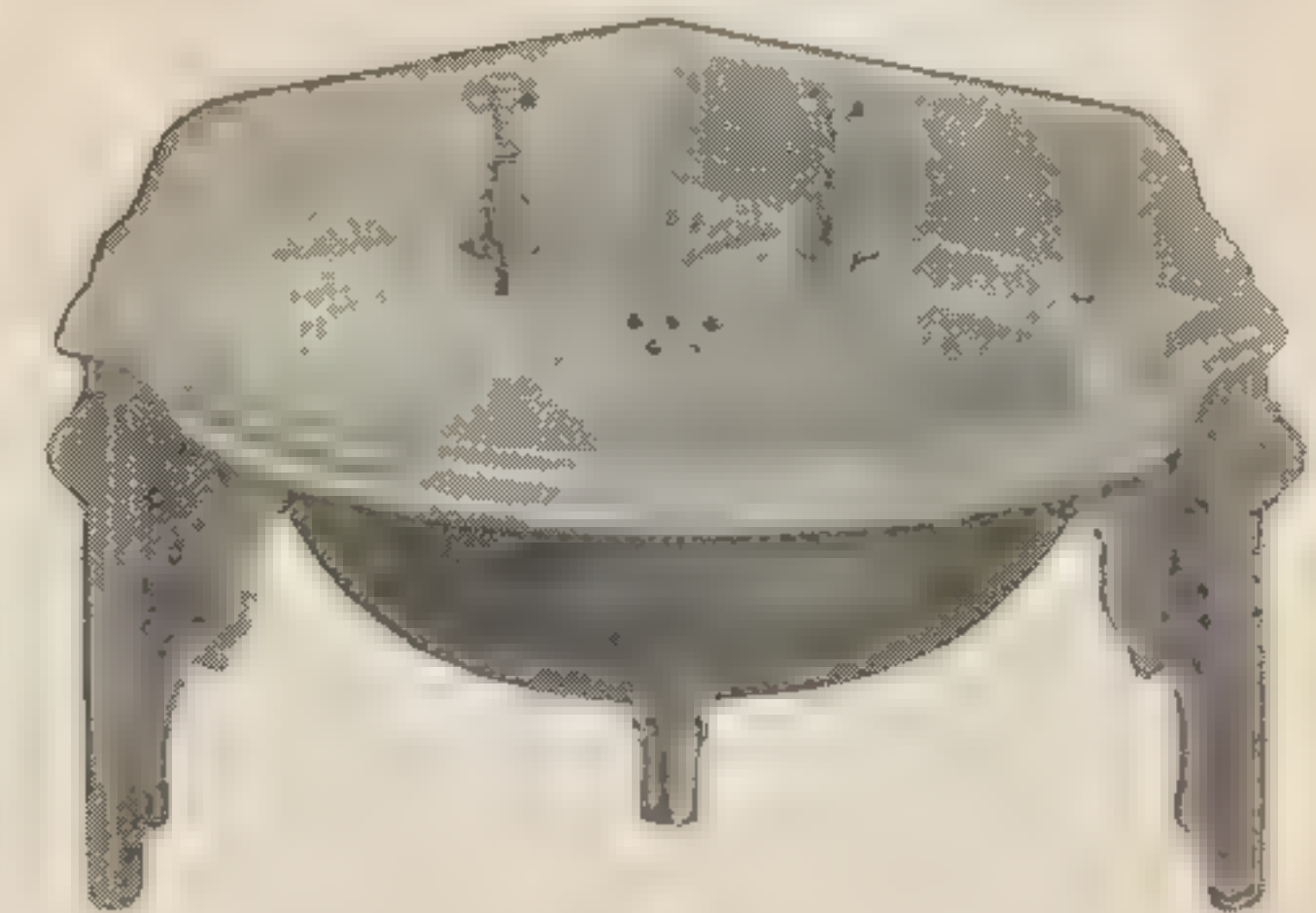


No. 6.
RANGE OF THREE PORCELAIN ENAMELLED IRON BASINS.
Ova Bowls, with Skirting back and ends. Made with lap joint to form continuous Range, with arrangement for fixing Bowls together. Size, 6ft. 4in. long, 1ft 5 $\frac{1}{2}$ in. wide. Bowls, 9 $\frac{1}{2}$ in. x 13 $\frac{1}{2}$ in. Can be supplied any number in Range.

CAST-IRON STANDS for above, to screw to Floor.

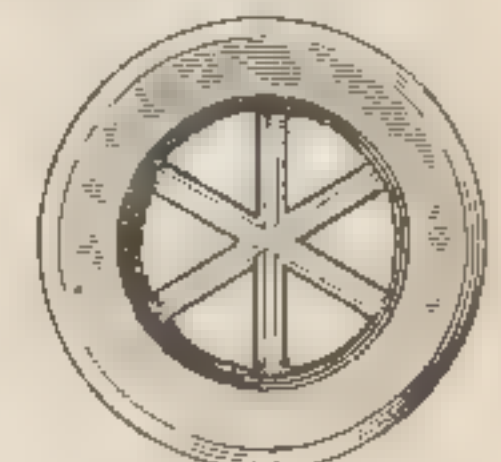


No. 4.
ANGLE PORCELAIN ENAMELLED IRON BASIN with Skirting.
Sizes, 25in. x 20in. Basin hole, 13 $\frac{1}{2}$ in. x 11in.
Sizes, 27in. x 20in. Basin-hole, 16in. x 12 $\frac{1}{2}$ in.



No. 5.
ANGLE PORCELAIN ENAMELLED IRON BASIN with Skirting.
Size, 23 $\frac{1}{2}$ in. x 23in. Basin-hole, 15 $\frac{1}{2}$ in. x 12 $\frac{1}{2}$ in.
CAST IRON BRACKETS for above.

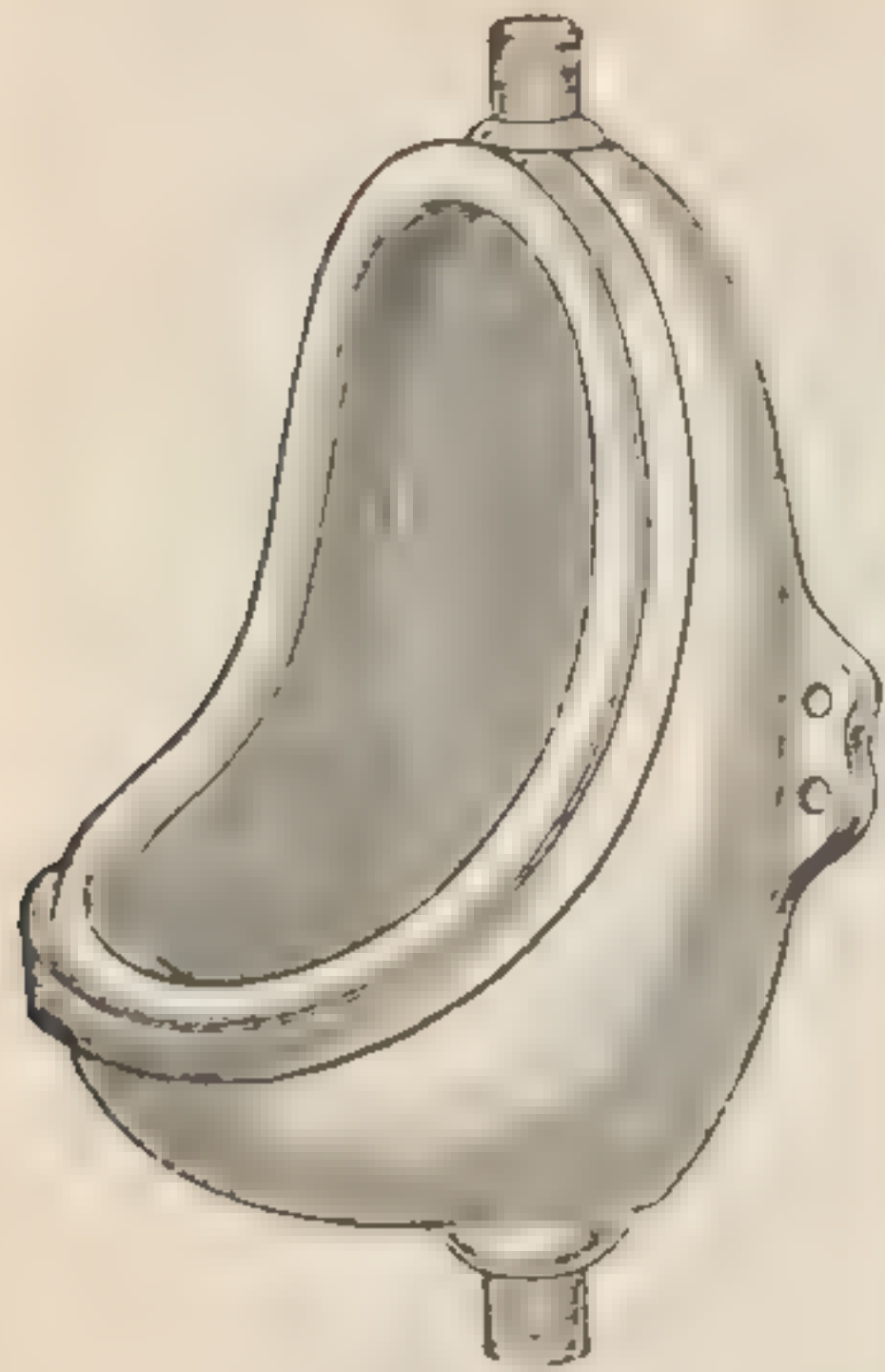
Also, **ROUND STAMPED ENAMELLED STEEL BASINS**, without overflow. Sizes, 12, 14, 15, and 16 inch overall.



ROUND PLUG AND WASHER
1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ inch.

PILLAR TAPS for Basins, Brass and Nickel-plated

Urinals.



WHITE EARTHENWARE FLAT-BACK URINAL, without Lip.

Size, 15½ in. high x 13 in. wide.

WHITE EARTHENWARE ANGLE URINAL, without Lip.

Size, 15½ in. high x 12½ in. wide.



CAST-IRON PORCELAIN ENAMELLED FLAT-BACK URINAL, without Lip.

Size, 13½ in. wide x 8 in. high.

CAST-IRON PORCELAIN ENAMELLED FLAT-BACK URINAL, with Lip.

Sizes, 11 in. wide x 7½ in. high.

Sizes, 13½ in. wide x 8 in. high.



GLAZED FIRECLAY URINAL, for 3 Persons. Comprising Strong White Glazed Ware back and bases, with White Glazed Ware Channel, having Galvanized Iron Hinged Domical Grating, with Stoneware Trap to the outlet, 2ft. 1in. centres, Hard Rubbed Slate Tread, including Galvanized Automatic Flushing Tank, with brass connecting pipes to and including Brass Spreader to each back. Can be supplied in larger Ranges if required.



WHITE EARTHENWARE FLAT BACK URINAL, with Lip.

Sizes, 15 in. high x 13½ in. wide.

Sizes, 16 in. high x 13½ in. wide.

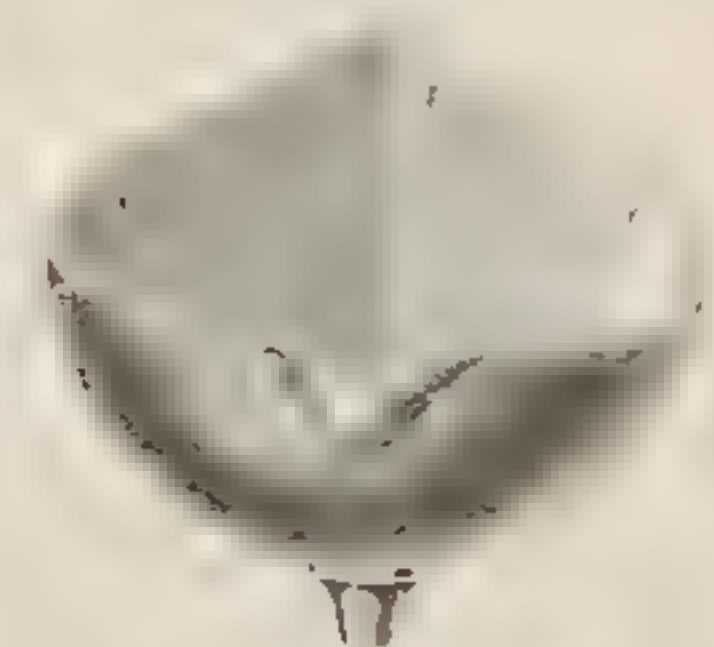
Sizes, 18 in. high x 14½ in. wide.

WHITE EARTHENWARE ANGLE URINAL, with Lip.

Sizes, 10 in. high x 15 in. wide.

Sizes, 10½ in. high x 15 in. wide.

Sizes, 12 in. high x 17 in. wide.



CAST-IRON PORCELAIN ENAMELLED ANGLE URINAL, with Lip.

Sizes, 21½ in. wide x 10½ in. wide.

Sizes, 14 in. wide x 8 in. high.

CAST-IRON PORCELAIN ENAMELLED ANGLE URINAL, without Lip.

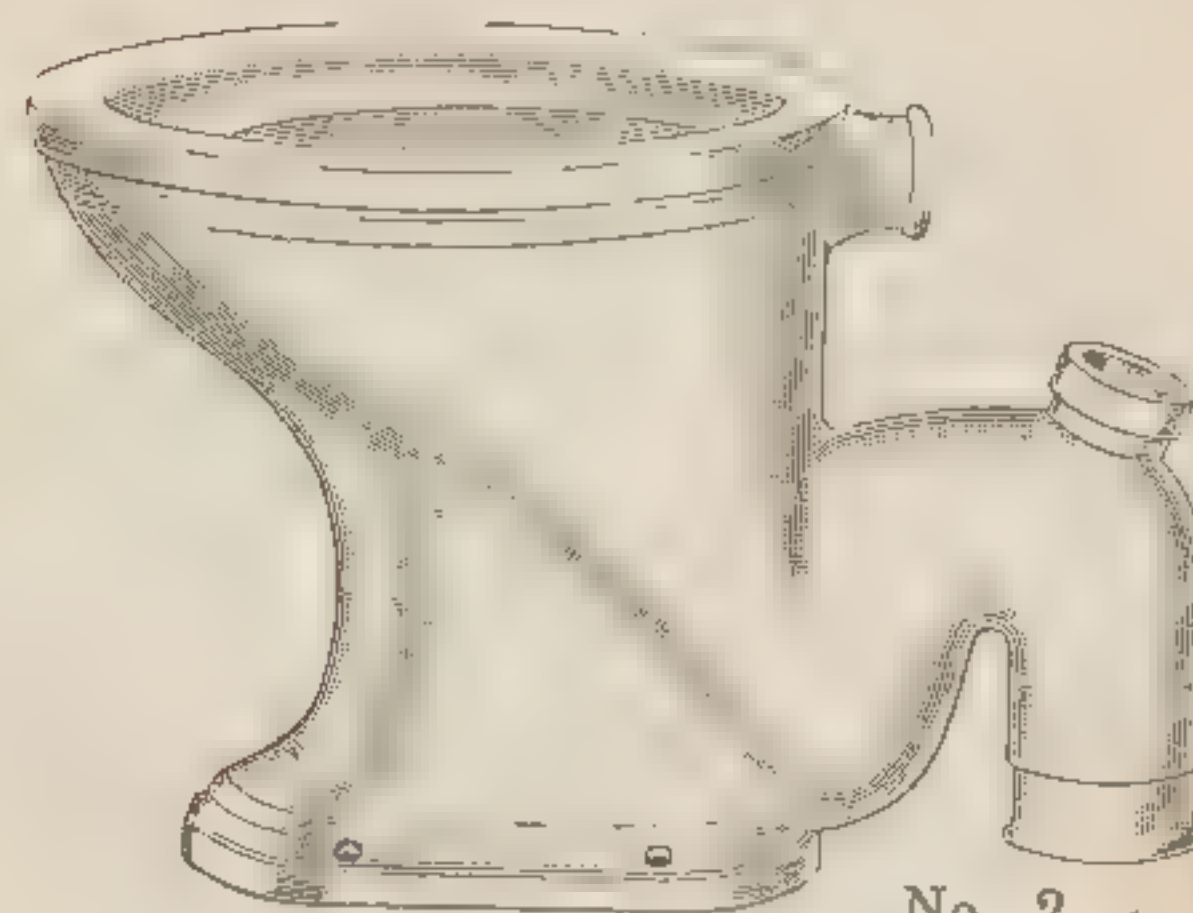
Sizes, 12 in. wide x 6 in. high

Sizes, 11 in. wide x 10 in. high.

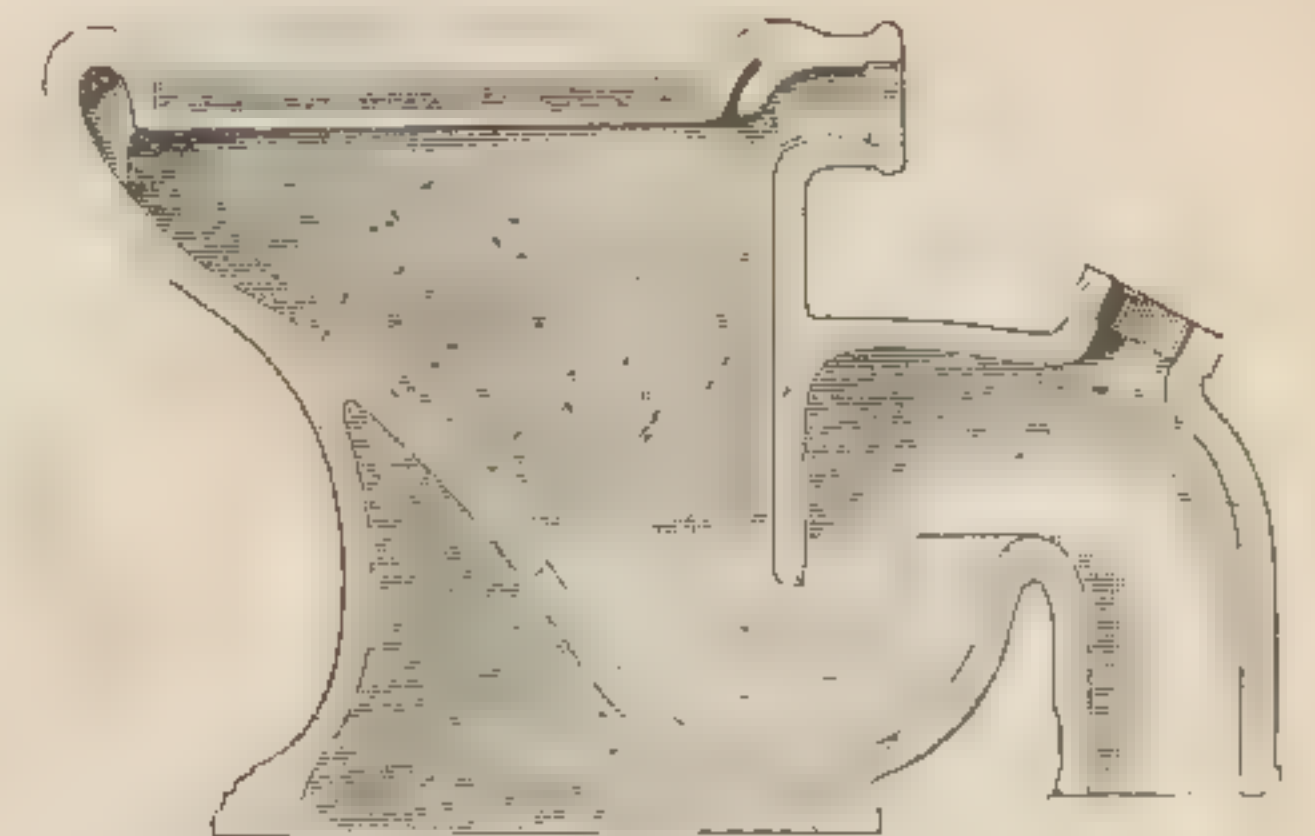
Closet Pans, Etc.



No. 1.
PEDESTAL CLOSET PAN,
 With S. or P. Trap, in White, Cane and
 White, or Fancy Flowered Designs.



No. 2.
PEDESTAL CLOSET PAN
 WITH RECEDING BACK, in White, Cane
 and White, or Fancy Flowered Designs.



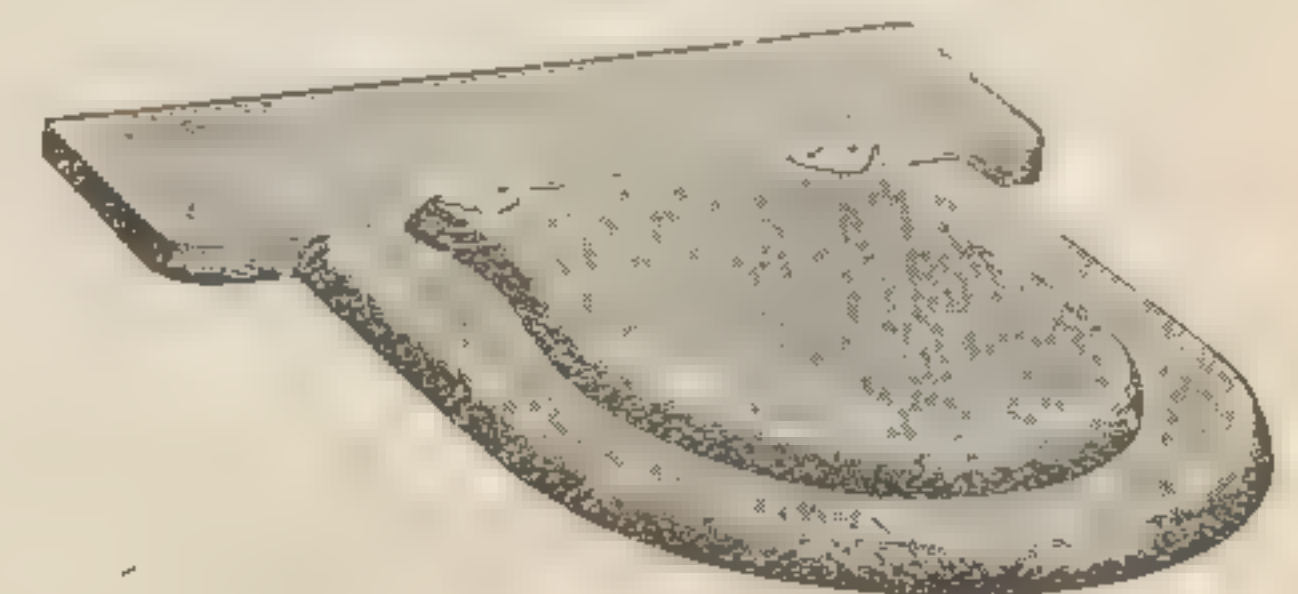
No. 3.
PEDESTAL CLOSET PAN,
 WITH STRAIGHT BACK, as shown, in
 White, Cane and White, or Fancy Flowered
 Designs.



No. 4.
PEDESTAL CLOSET PAN,
 WITH ORNAMENTAL FRONT, with S.
 or P. Trap; in White, Cane and White, or
 Fancy Flowered Designs.



No. 5.
CANE AND WHITE HOPPER PAN AND TRAP,
 Size, 16in. high x 14in. wide.



No. 1
CLOSET SEAT,
 With flap, made in Oak, Ash, Pine,
 or Cedar; also with Square Front
 if preferred.



No. 2.
CLOSET SEAT,
 (Single). Made in Oak, Ash, Pine, or Cedar
 Square Front, if preferred.



LEAD S. TRAP.
 1½, 2, 2½, 3 inch.

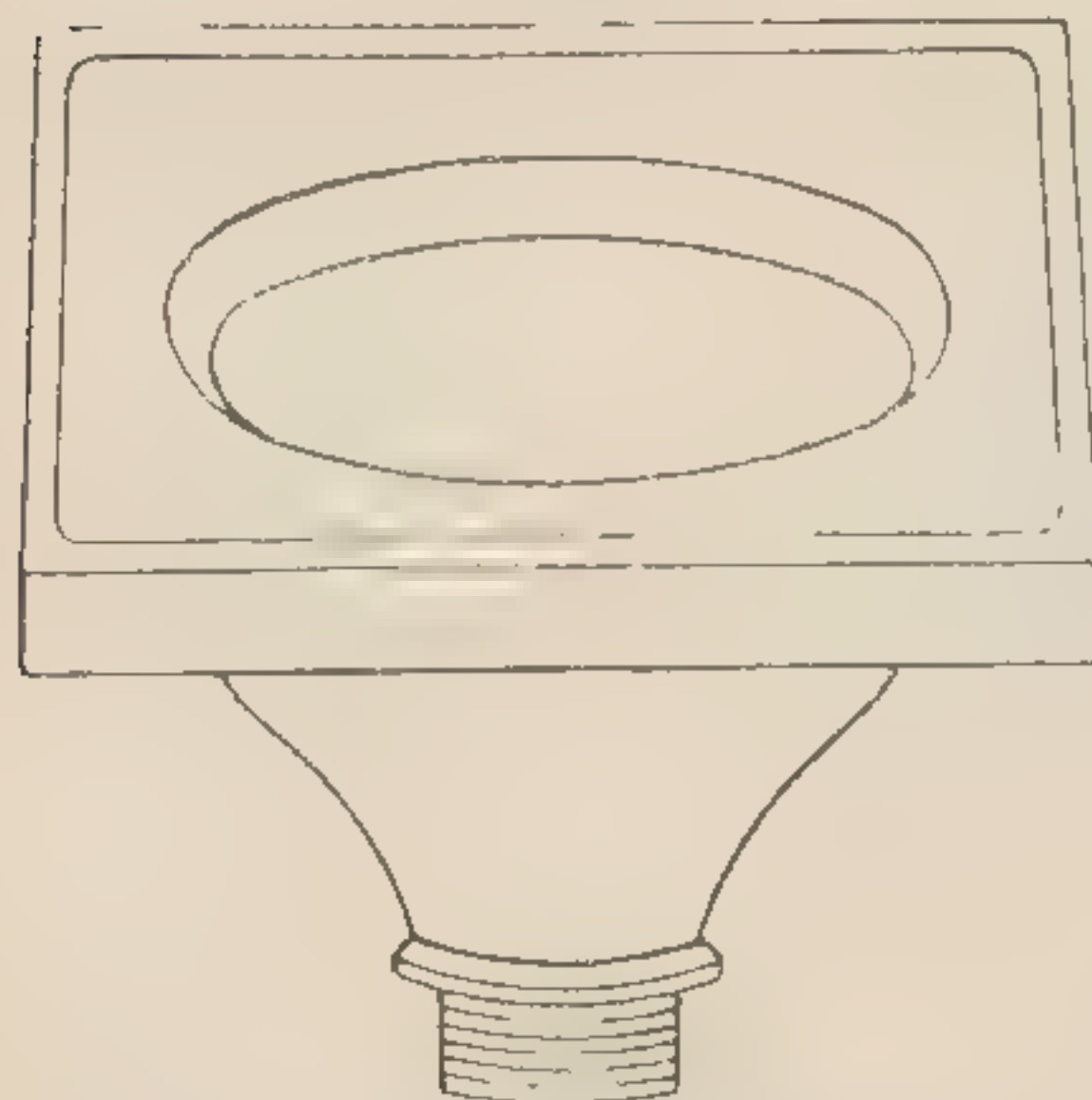


LEAD P. TRAP
 1½, 2, 2½, 3 inch.

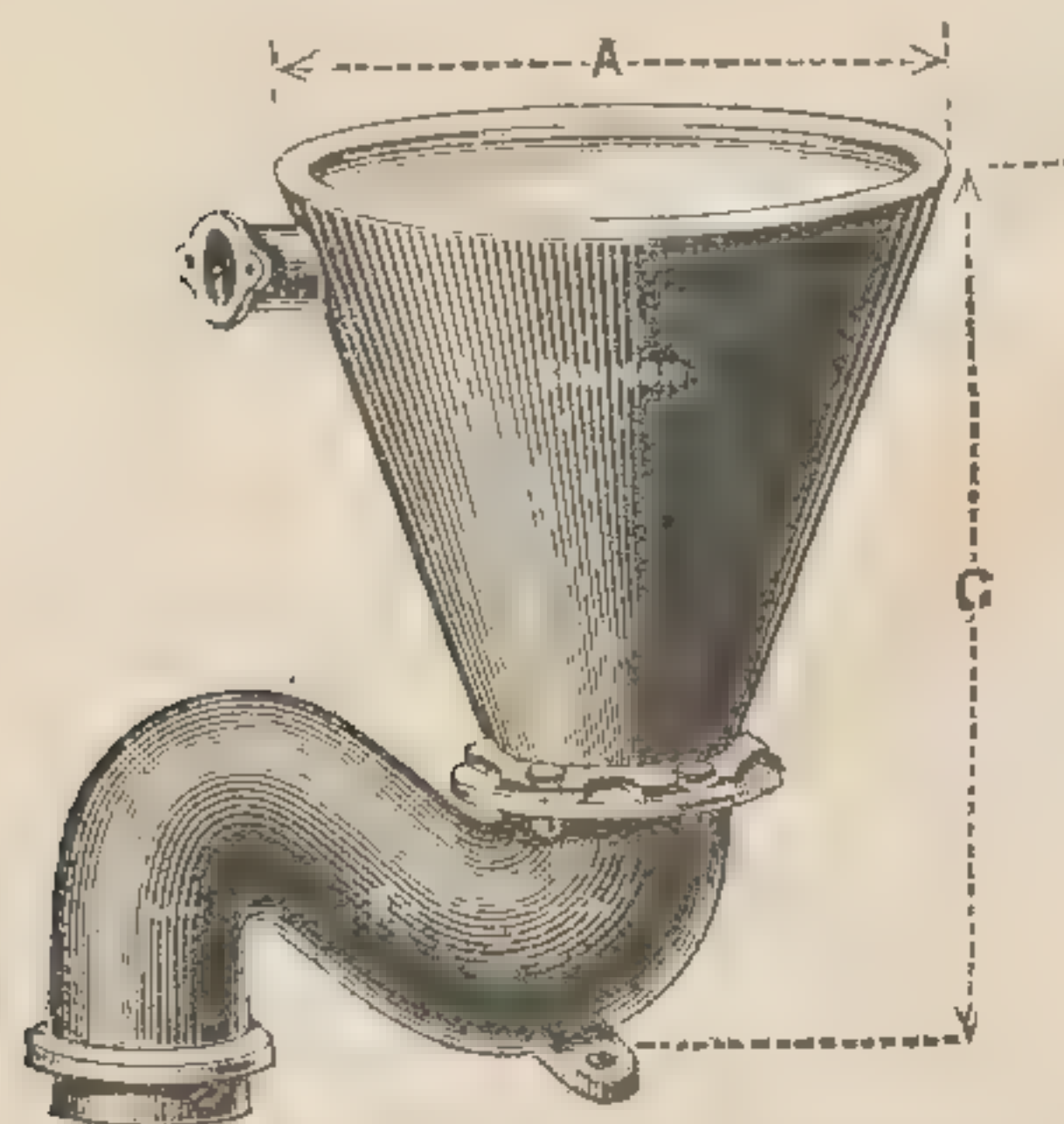


LEAD RUNNING TRAP.
 1½, 2, 2½, 3 inch.

Washtubs, Sinks, Etc.



WHITE EARTHENWARE SLOP HOPPER,
With S. or P. Trap.
Size, 18in. overall. Top, 18in. x 18in.
Cheaper Line, with Round Basin. Top, 13in.
overall, 14in. high with S. or P. Trap; White
or Cane and White.

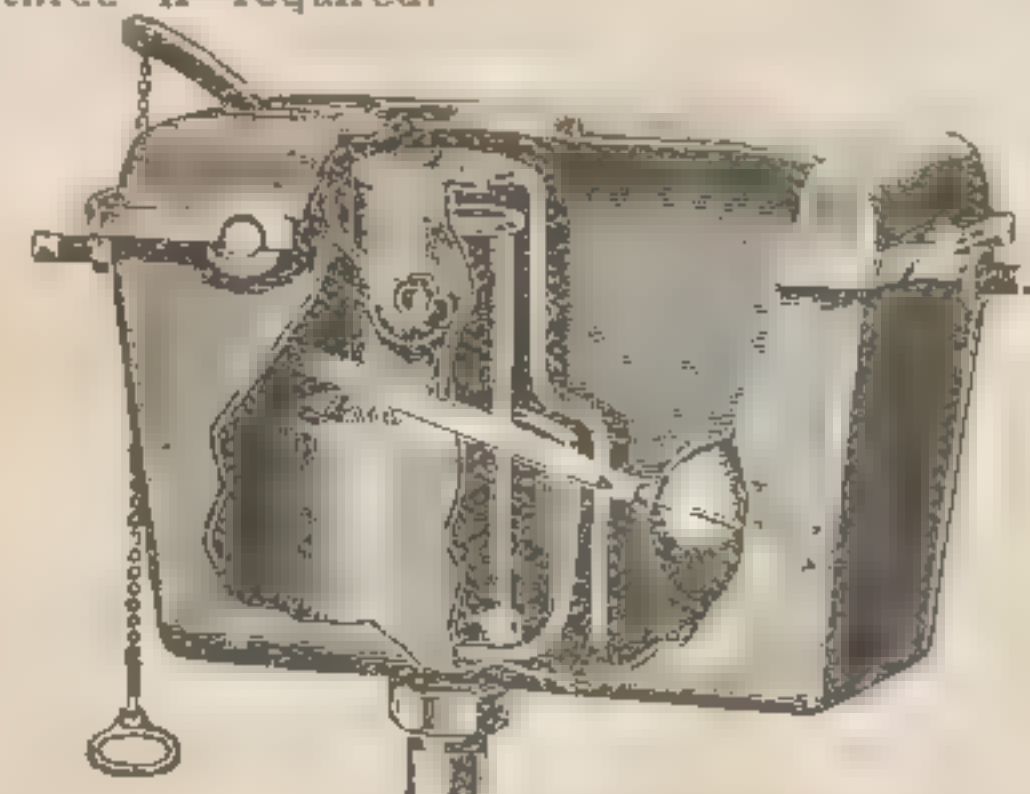


**CAST IRON PORCELAIN ENAMELLED
SLOP HOPPER,**
With S. or P. Trap, Spreader Flush;
21in. high x 16in. wide.



PORCELAIN ENAMELLED IRON FLAT RIM LAUNDRY TUBS,
With Nickel-plated Soap Dishes, Plugs, and Washers, Wringer Boards and Pedestals. Size
as illustrated; 6ft. 6in. long and 2ft. 7½in. high. Can also be supplied in sets of two or more
than three if required.

GALVANIZED IRON FIXED TUBS,
24 or 26 Gauge, 2 and 3 Compart-
ments. Also **WOOD TUBS,**
MADE TO ANY SIZE, and
in sets as above



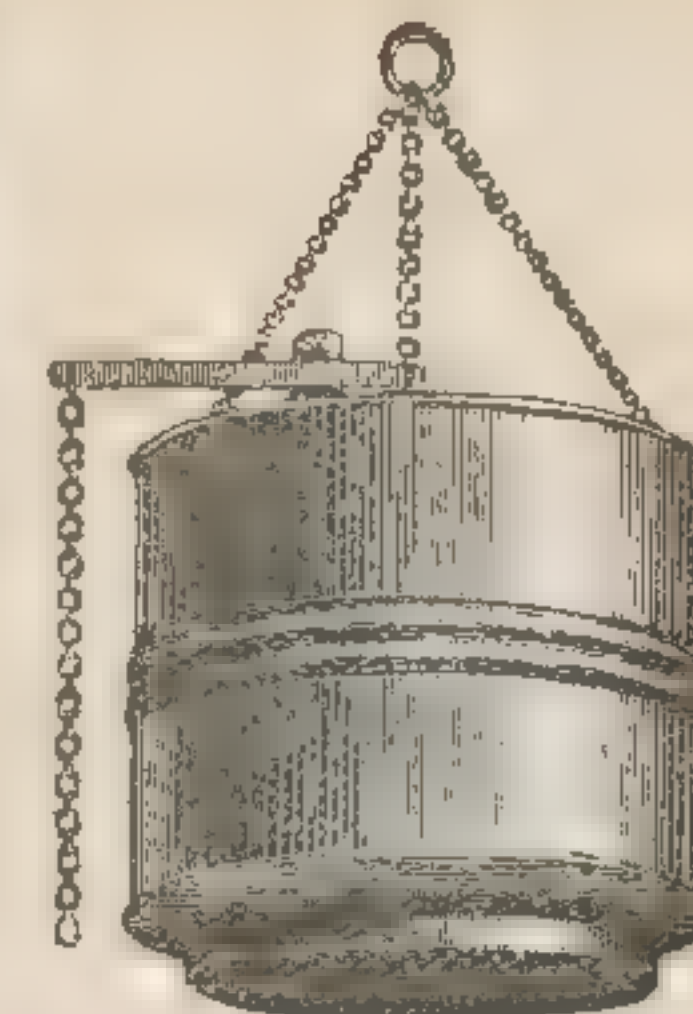
CAST-IRON FLUSHING CISTERN,
2 gallons; also 20 Gallons, 24 Gauge Gal-
vanized Iron Cisterns, W. and S. Board
Pattern.



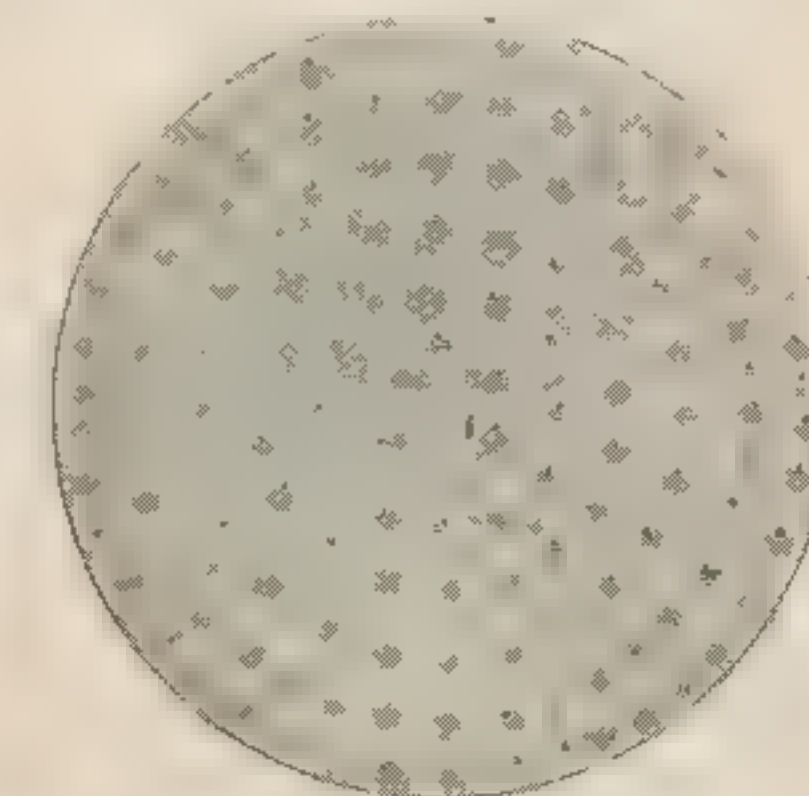
GLAZED FIRECLAY SINKS,
White inside and Buff outside, with Brass
Plug and Washer.
Size, 23in. long x 16½in. wide x 8½ in. deep.
Size, 26in. long x 16½in. wide x 8½ in. deep.
Size, 28in. long x 17½in. wide x 9in. deep.
Size, 31in. long x 18in. wide x 9in. deep.



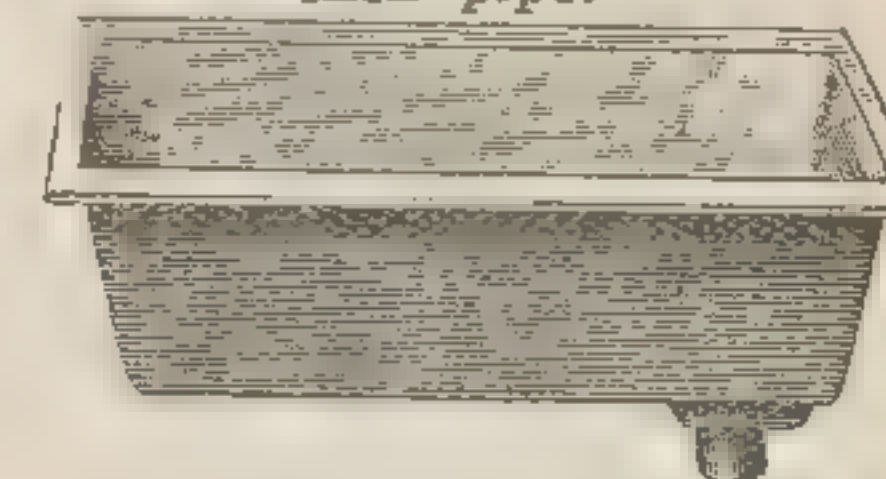
CISTERN PULL,
China handle,
and various
other designs.



**GALVANIZED IRON SHOWER
BATH,**
To hang. 10, 11, 12, 14 ins

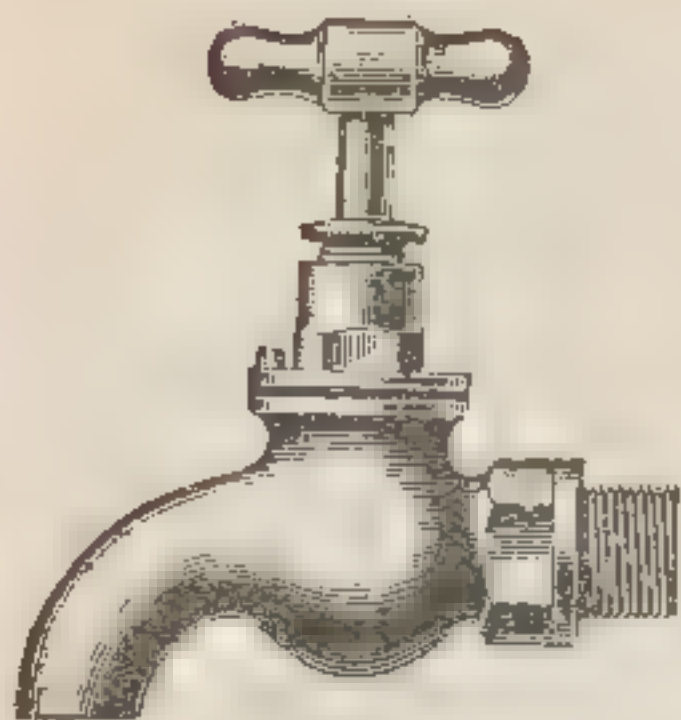


**COPPER SHOWER BATH
HEAD,**
6, 7, 8, 10 inch, for ½, ¾, 1
inch pipe.

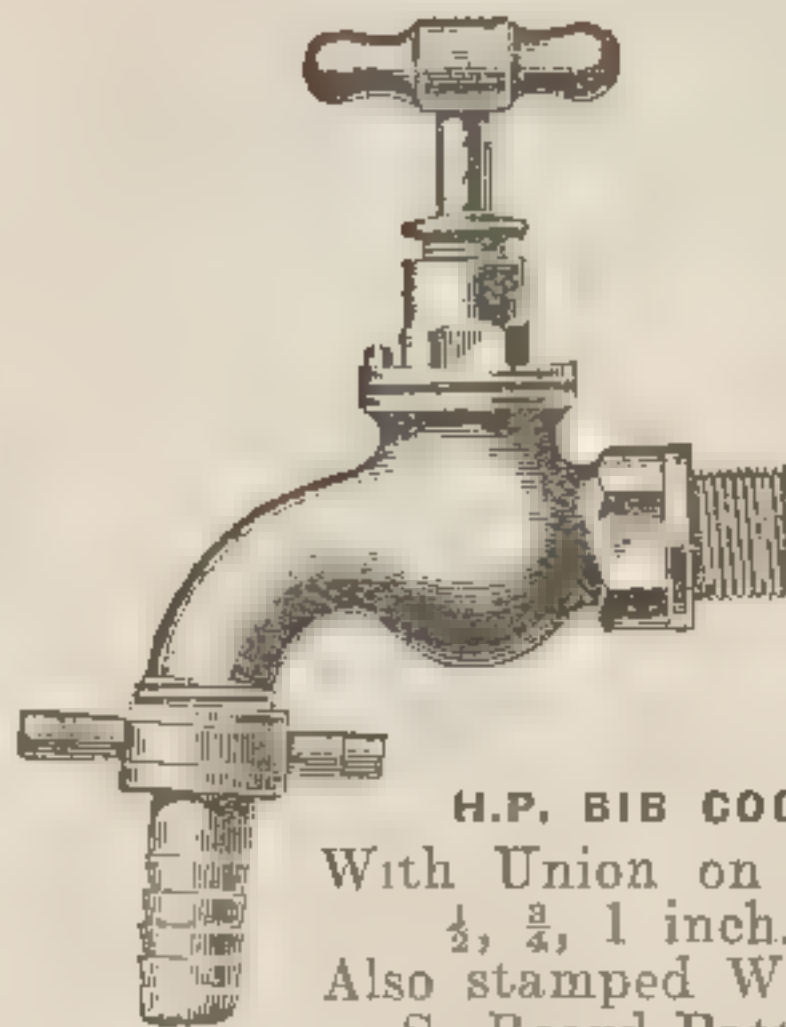


**CAST-IRON PORCELAIN ENAM-
ELLED KITCHEN SINKS**
With Brass Plug and Washer.
Sizes, 15in., 18, 21, 24, 27, 30
and 36 in. inside.

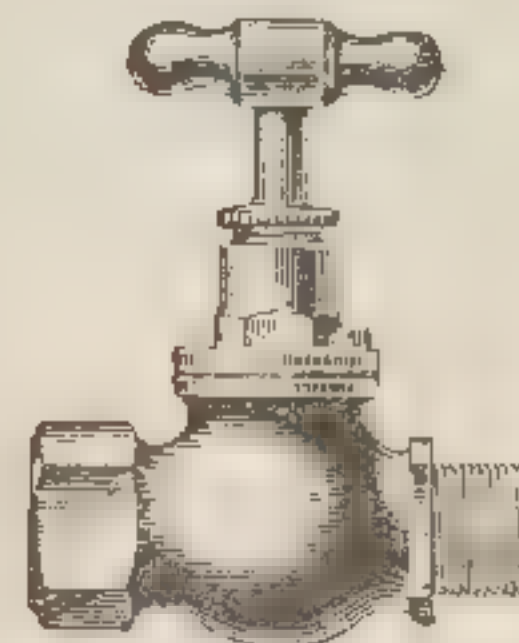
Cocks.



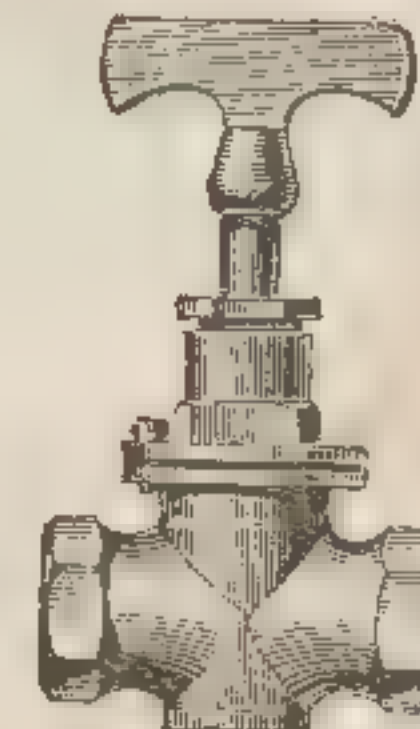
H.P. BIB COCK,
 $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.
Also stamped W. and
S. Board Pattern.



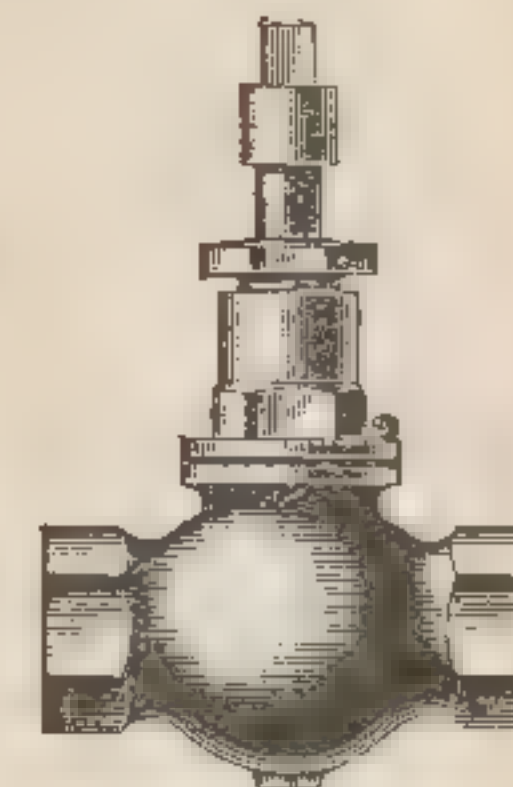
H.P. BIB COCK,
With Union on Nose.
 $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.
Also stamped W. and
S. Board Pattern.



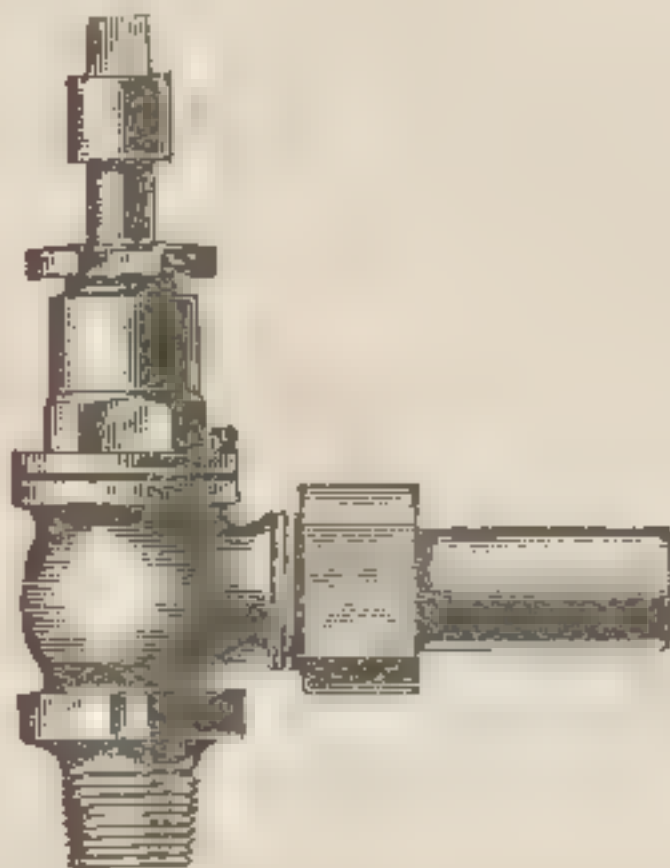
H.P. STOP COCK,
1, $\frac{3}{4}$, 1 inch.
Stamped W. and S.
Board.



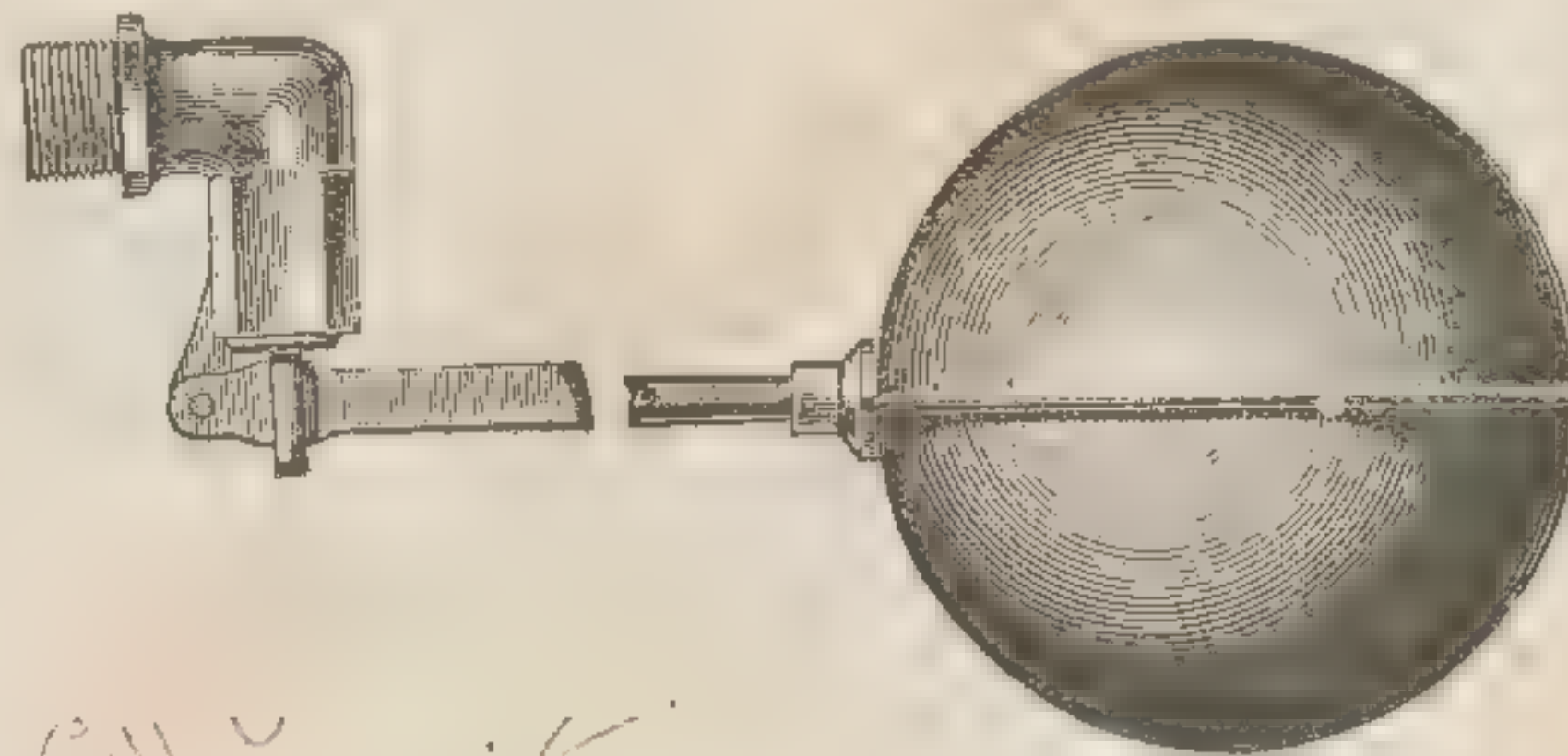
H.P. STOP COCK,
No. 815.
 $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.
Also Low Pressure.
 $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.
Unstamped.



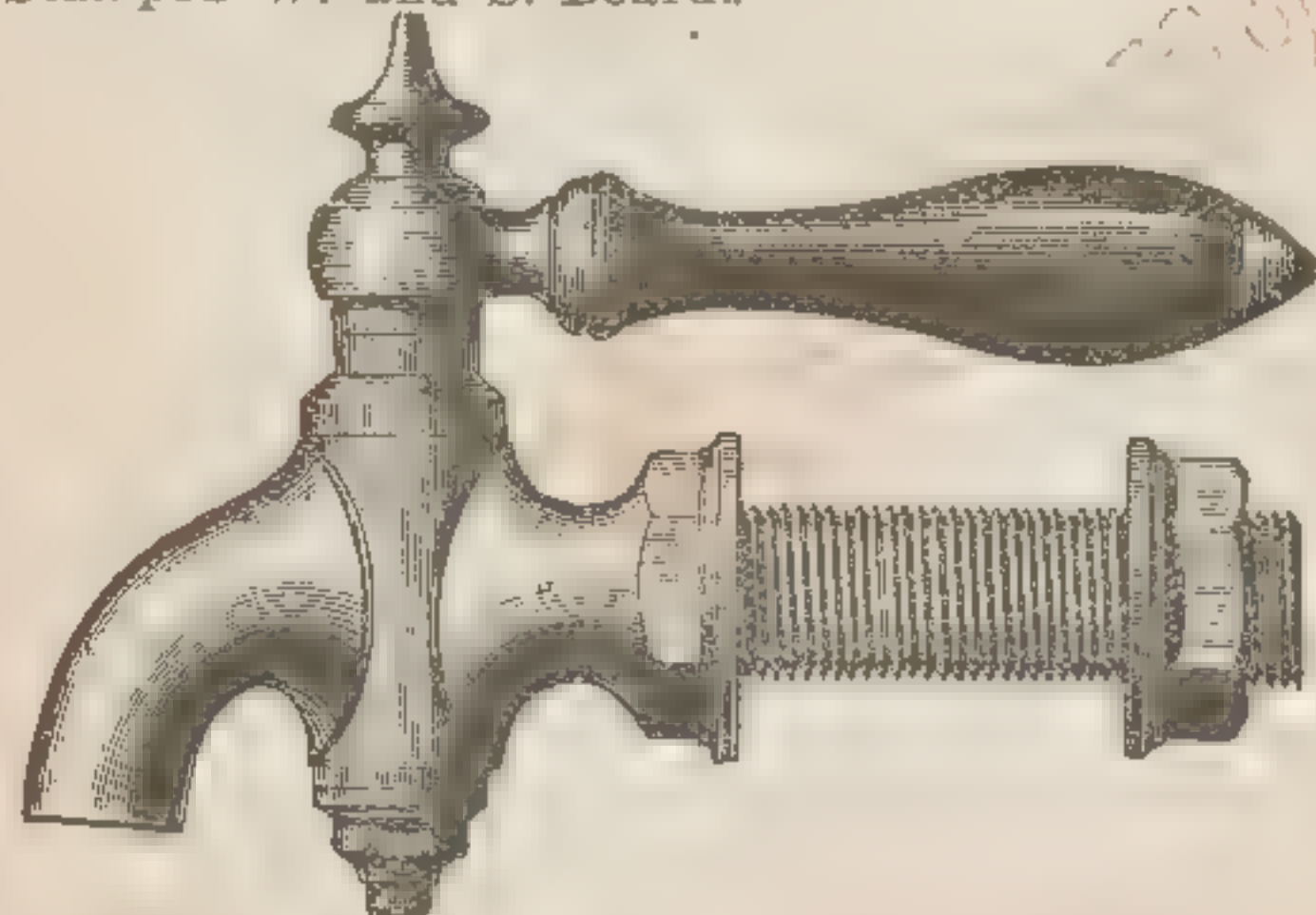
PATH COCK,
 $\frac{3}{4}$, 1, $1\frac{1}{2}$ inch.
Stamped W. and S.
Board.



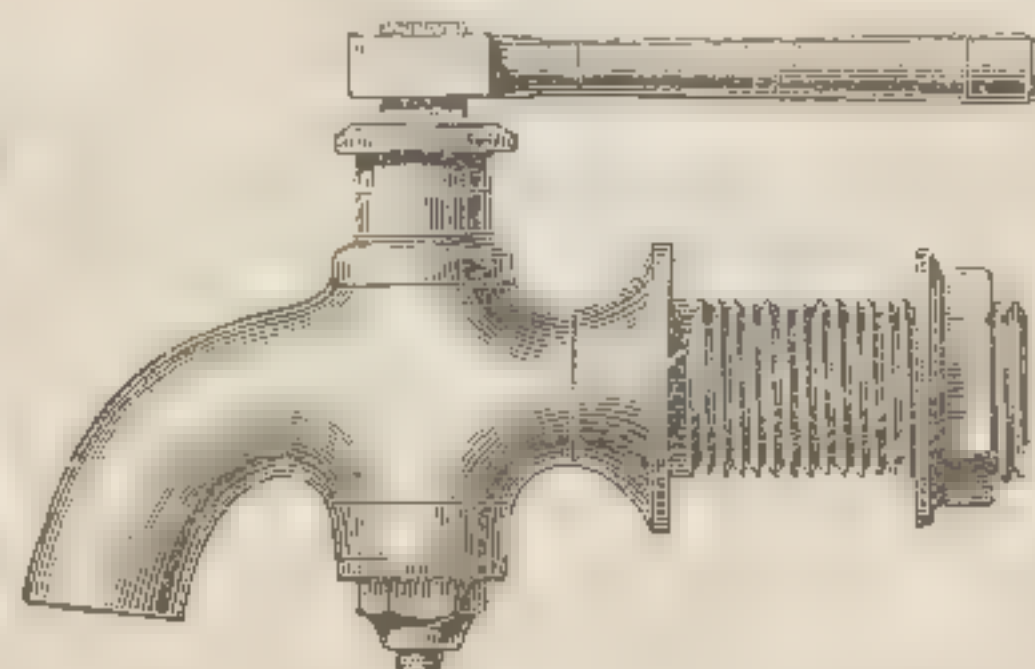
FERRULE COCK, $\frac{3}{4}$, 1 inch.
Stamped W. and S. Board.



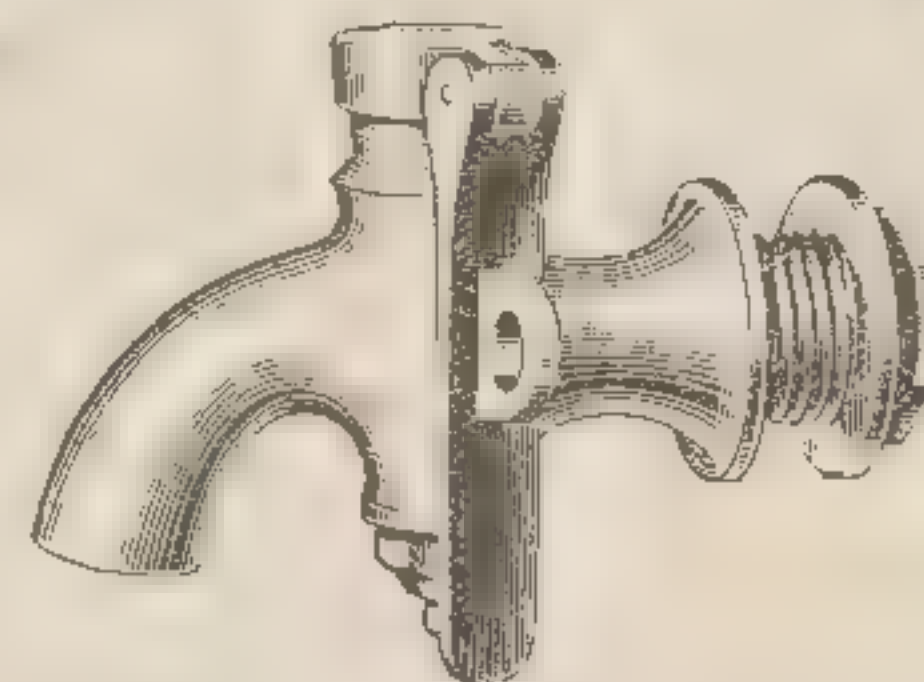
BALL COCK (Stamped W. and S. Board.)
1, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{1}{2}$, 2 inch.



HOT WATER RANGE COCK with Ebony Handle.
 $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.

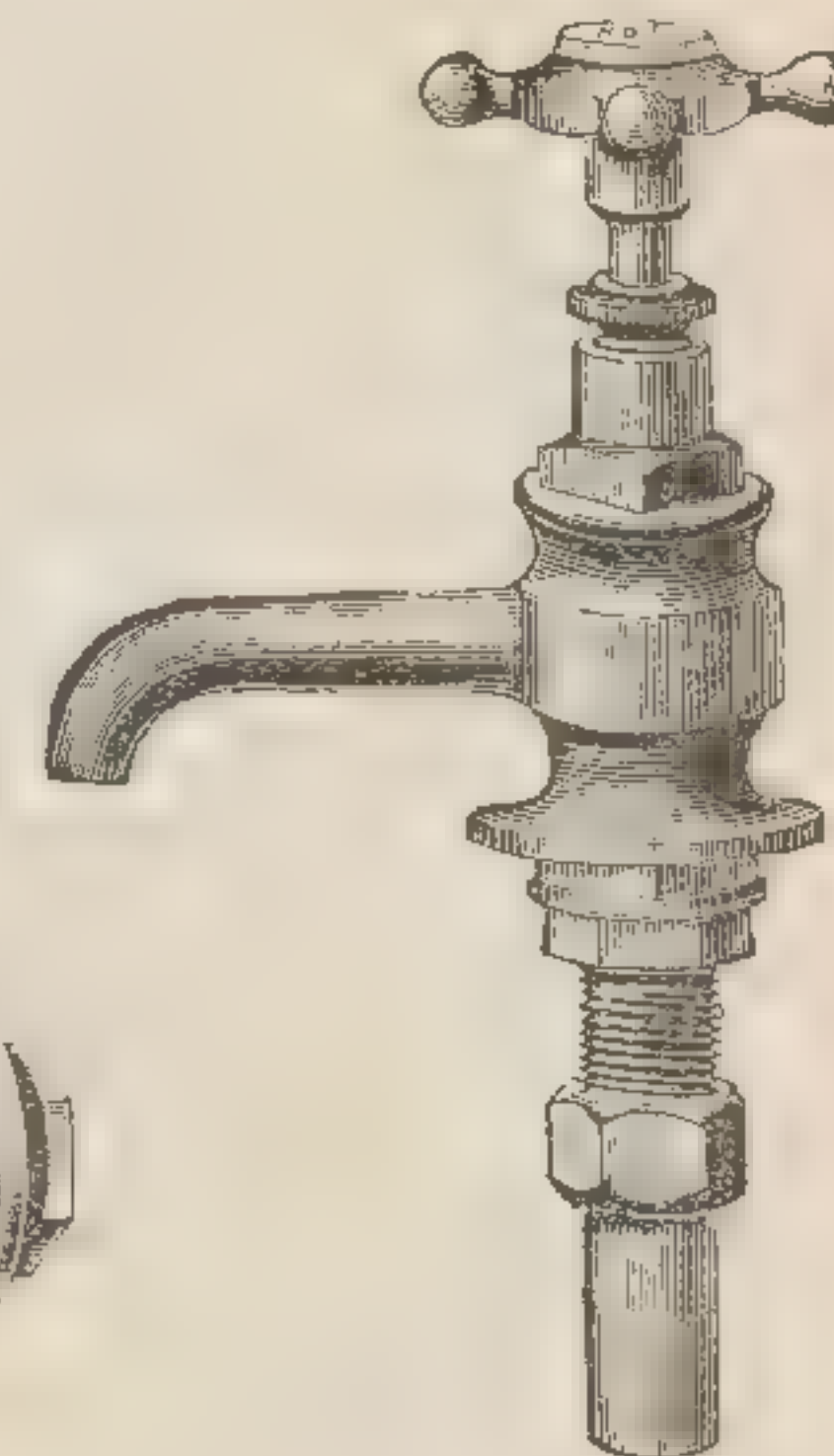


RANGE COCK, with Lion Lever.
 $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{2}$, $1\frac{1}{2}$, 2 inch.



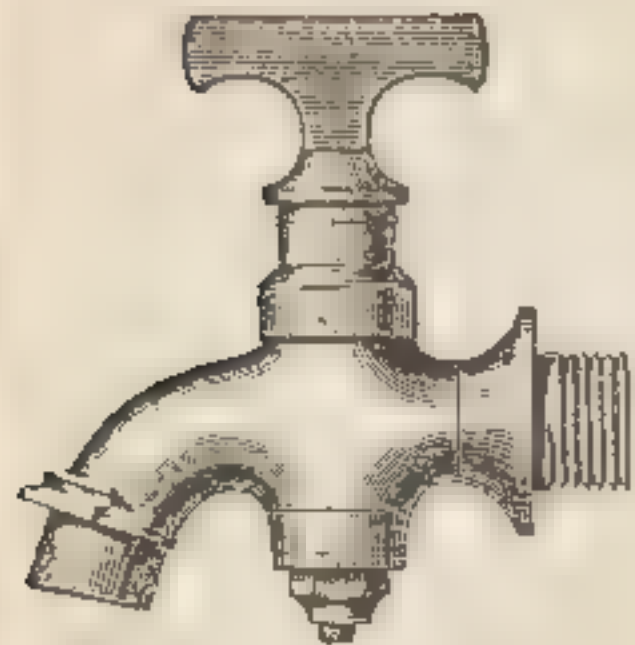
RANGE COCK, with Hinged Lever.
 $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.

LEAD CONNECTIONS, $\frac{3}{4}$ x $\frac{3}{4}$, 1 x $\frac{3}{4}$, 1 x 1 inch.
UNIONS FOR CONNECTIONS, $\frac{3}{4}$, 1 inch.

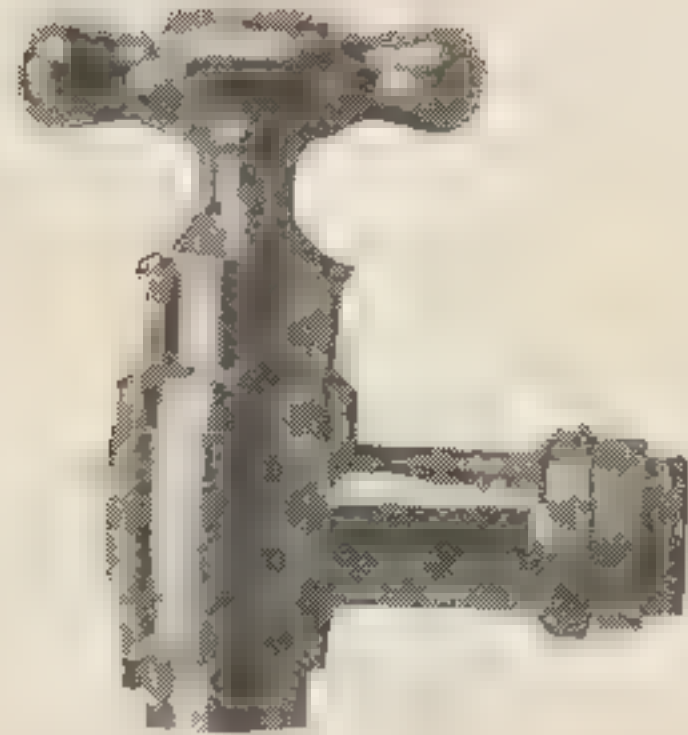


H. P. PILLAR COCK.
For Lavatories, etc.
Marked Hot and Cold.
 $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.

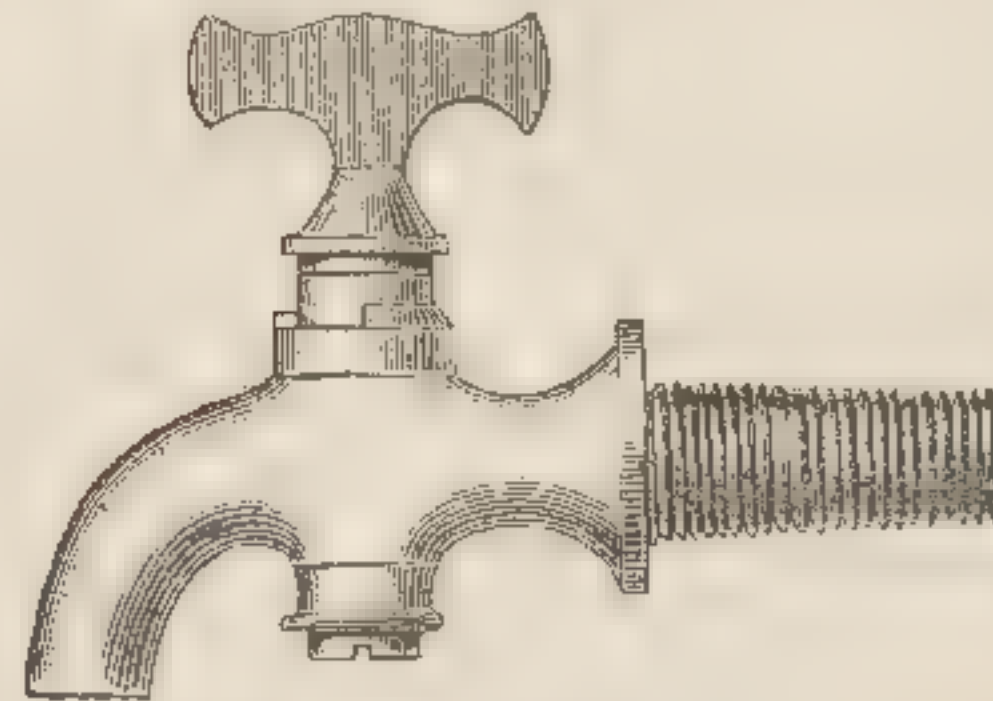
Cocks.—Continued.



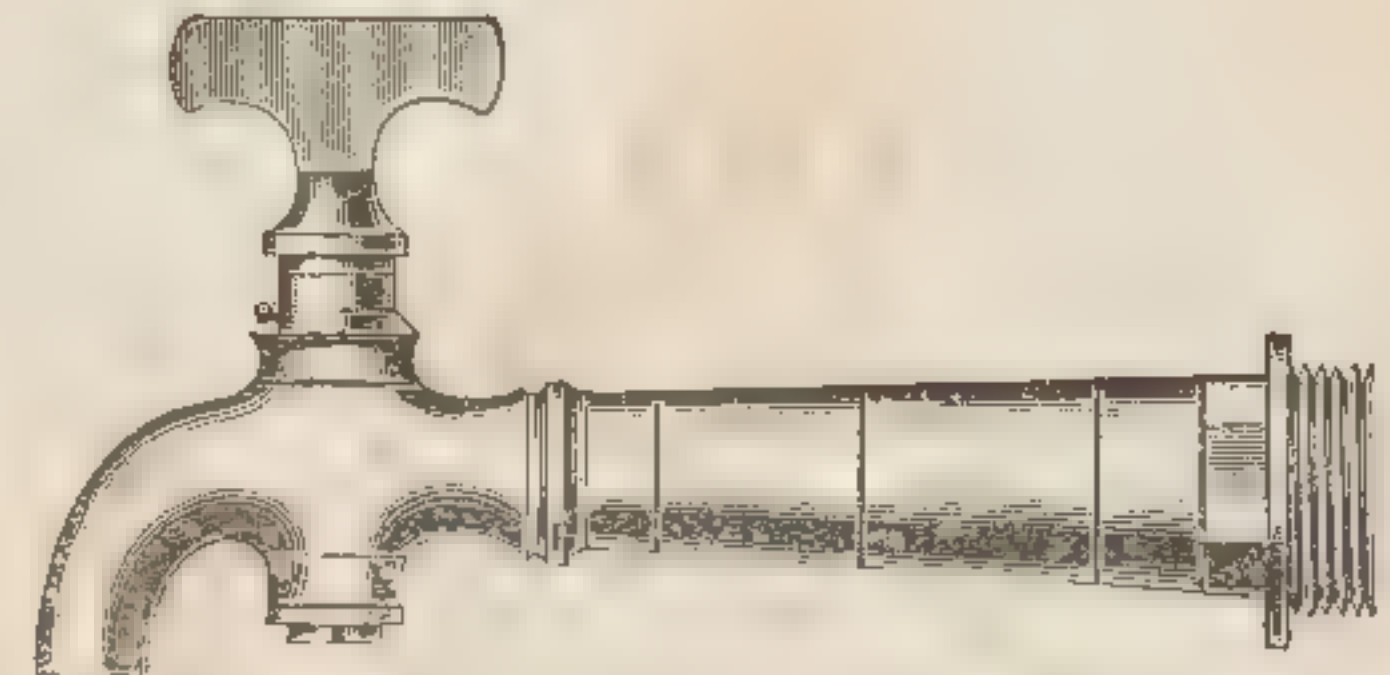
L.P. BIB COCK,
Also, Tinned Ends.
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 inch.



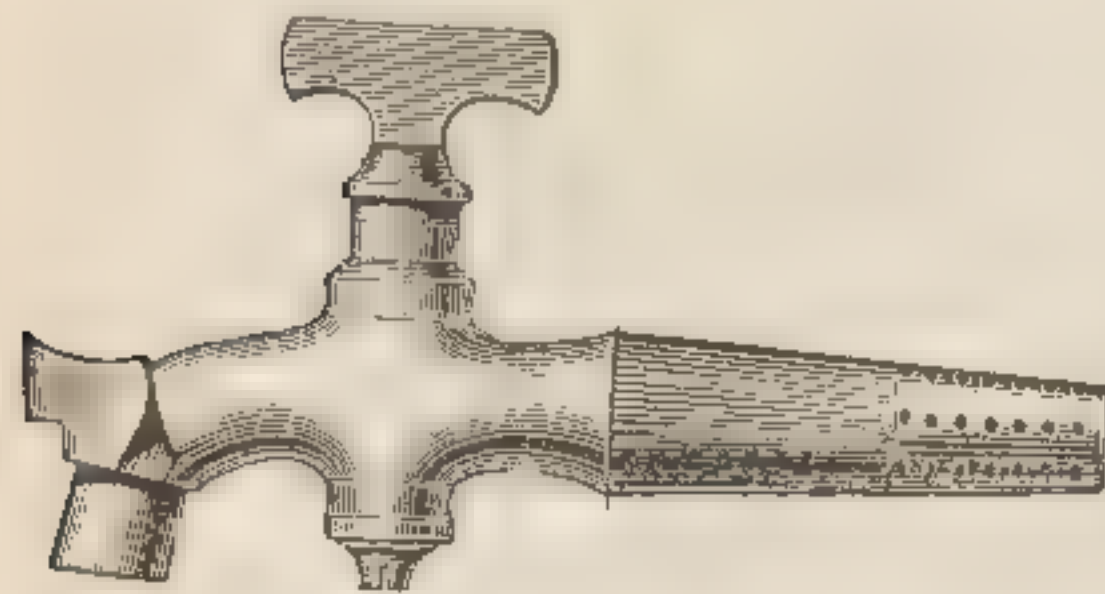
MILK CAN COCKS, N.P.,
 $\frac{3}{4}$, 1 inch.



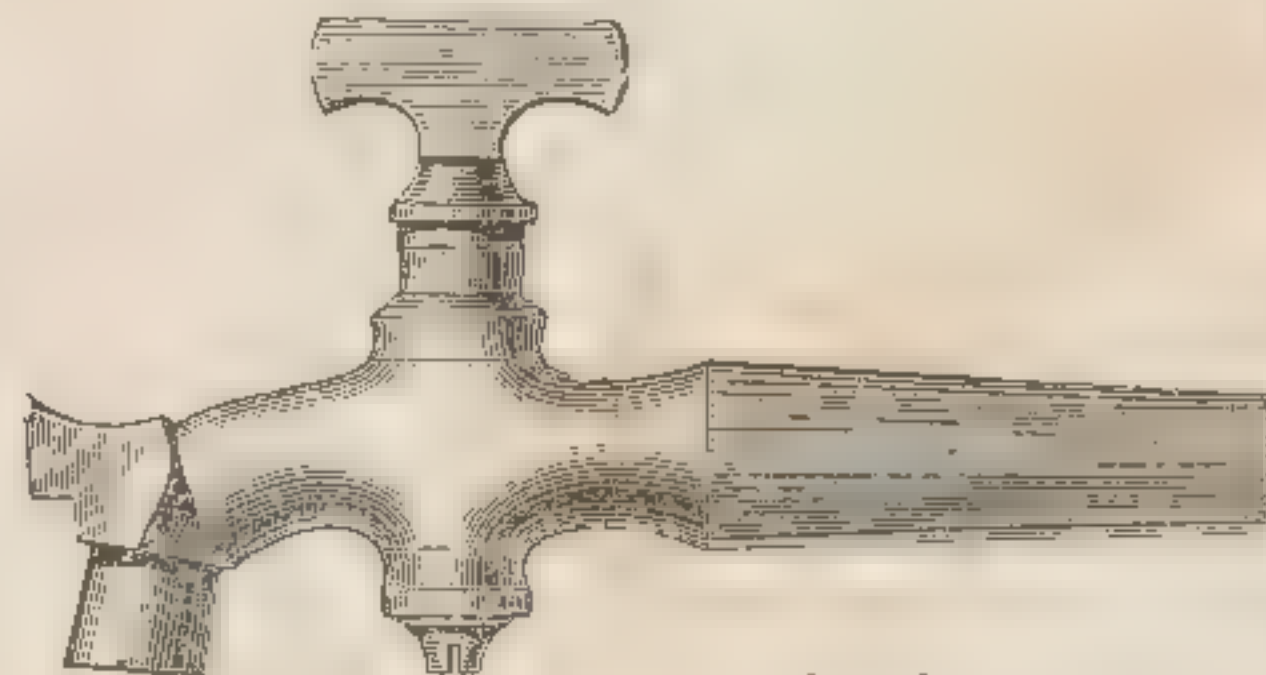
SCREW TAIL SPIRIT COCKS
Y.M. or B.W. $\frac{1}{4}$, 5-16, $\frac{3}{8}$ inch.



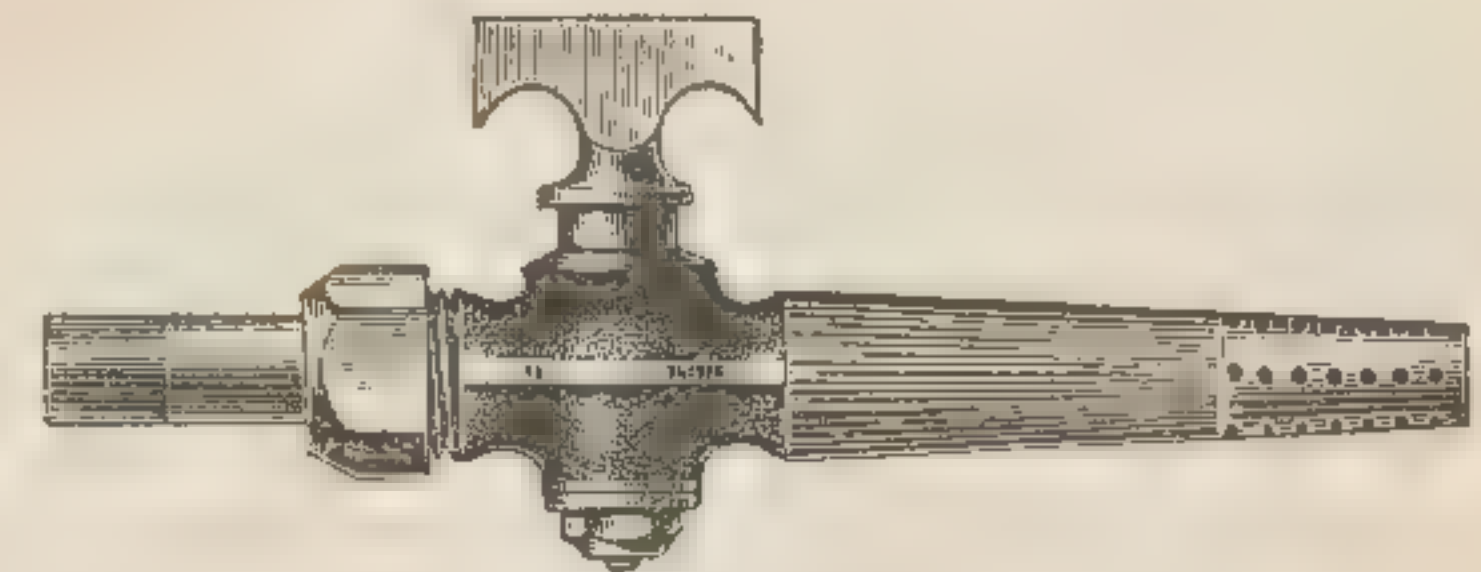
KITCHENER OR FOUNTAIN COCK.



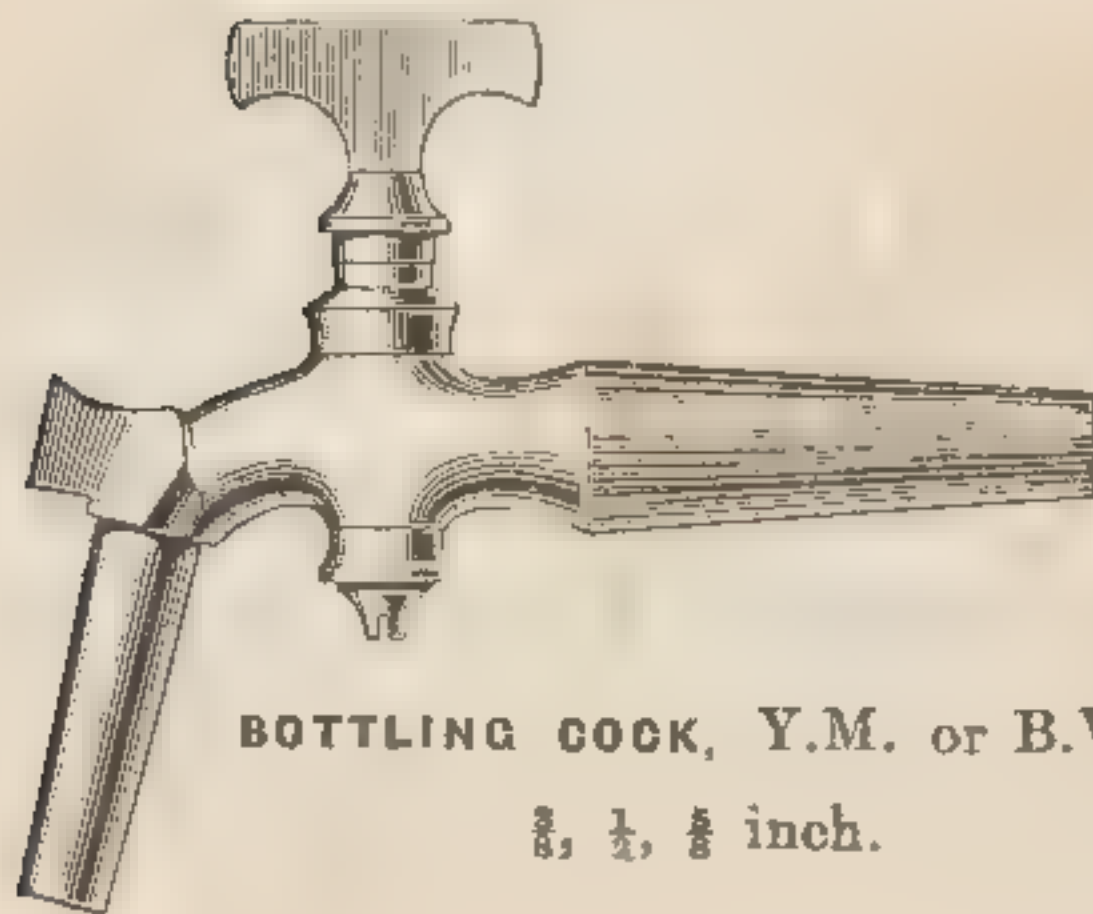
GRATED END NIGHT COCK,
Y.M. or B.W. $\frac{1}{4}$, $\frac{5}{8}$, $\frac{3}{4}$ inch.



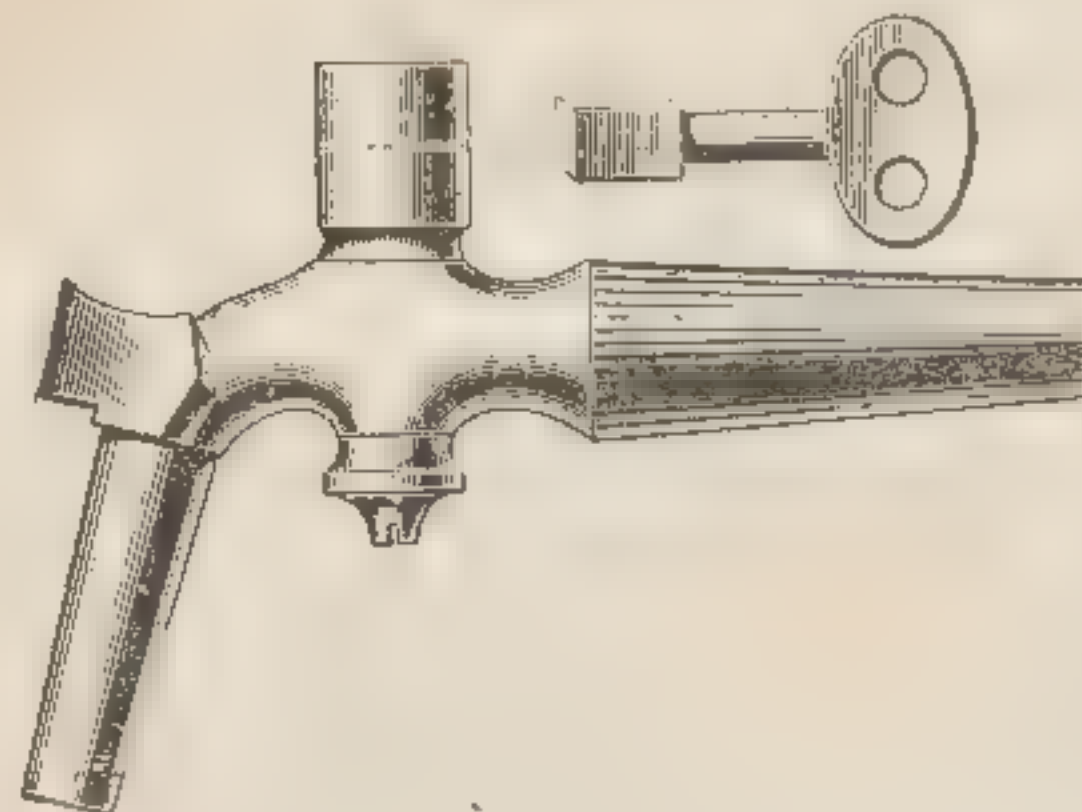
RACKING COCK, Yellow Metal or Boiled White
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch.
Also with Grated Ends.



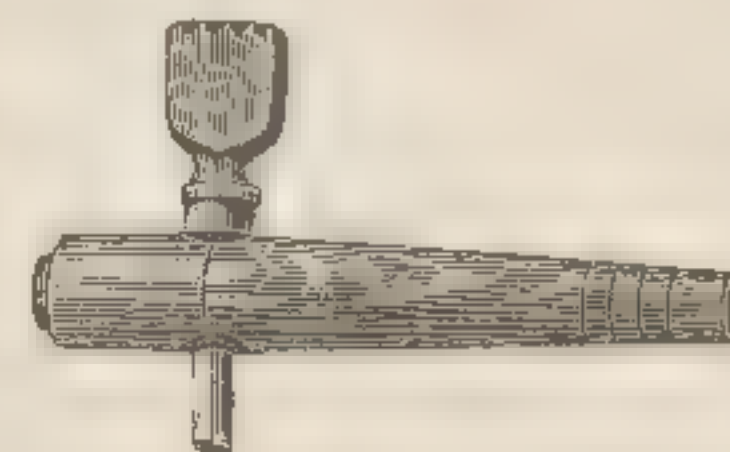
TAPPING COCK, Straight or Bent
 $\frac{5}{8}$, $\frac{3}{4}$ inch.



BOTTLING COCK, Y.M. or B.W.
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch.



BOTTLING COCK, Y.M. or B.W.
With Key.
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ inch.

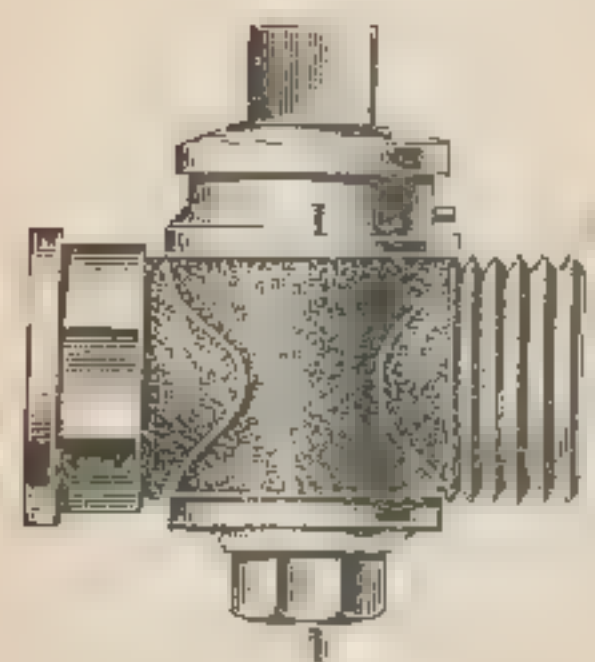


FAUCET, with Metal Plug.
Nos. 00, 0, 1, 2, 3, 4, 5, 6.

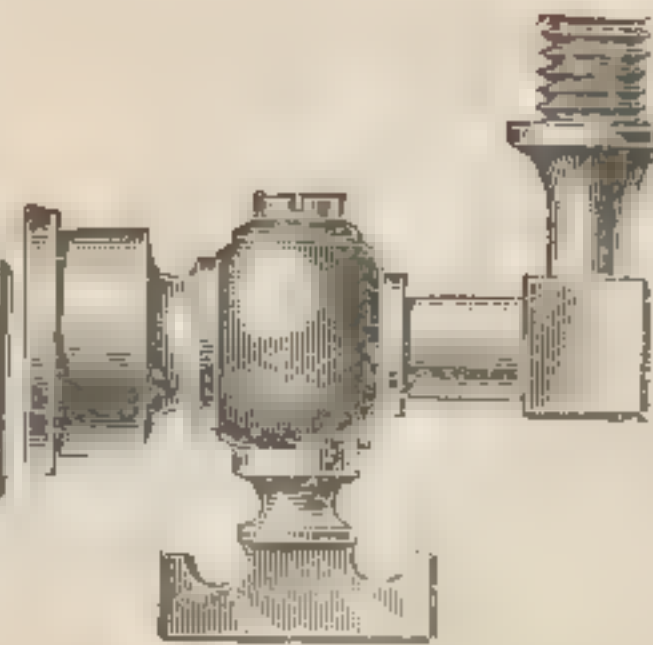


TREACLE GATE,
Nos. 1, 2, 3, 4, 5.

Gas Cocks and Sundries.



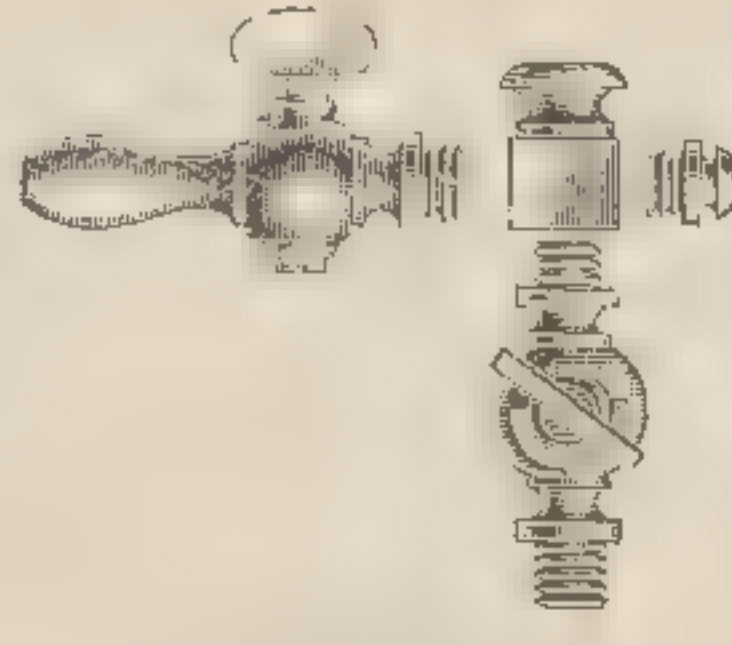
M. and F. GAS-MAIN
COCK.
Also, T HEAD.
 $\frac{1}{4}$ to $1\frac{1}{2}$ iron.



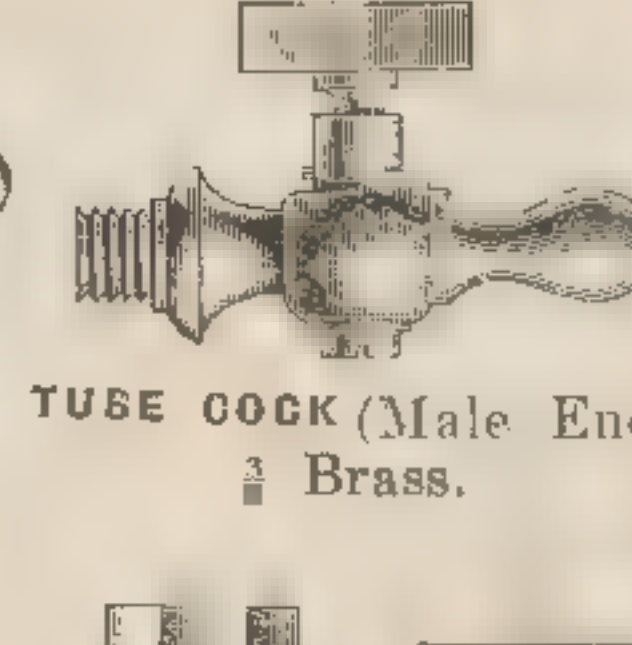
ELBOW COCK,
Brass, $\frac{1}{4}$ to $\frac{3}{4}$ Iron.



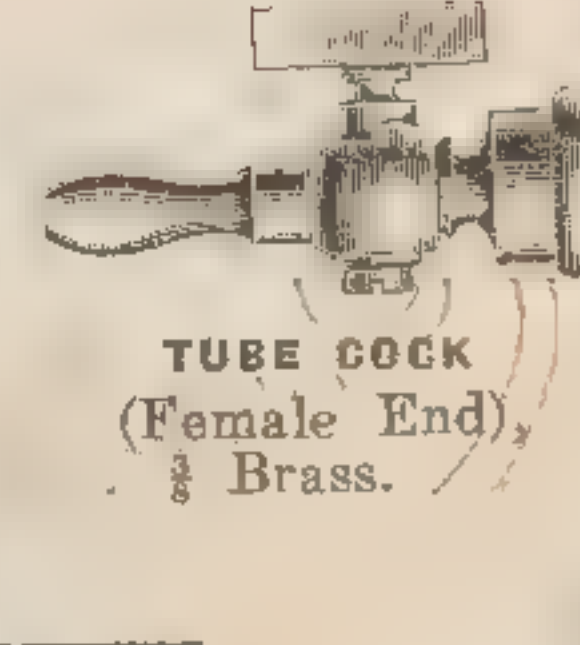
NOSE COCK
Brass, $\frac{1}{4}$ to $\frac{3}{4}$
Iron.



COMBINATION
TUBE COCK,
 $\frac{3}{8}$ Brass Thread.



TUBE COCK (Male End).
 $\frac{3}{8}$ Brass.



TUBE COCK
(Female End),
 $\frac{3}{8}$ Brass.



STOP COCK,
 $\frac{3}{8}$ Brass.



BRASS BARREL UNION,
 $\frac{1}{4}$ to $\frac{1}{2}$ Brass, $\frac{1}{4}$ to $1\frac{1}{2}$
Iron.



T. and S. UNION.
 $\frac{1}{4}$ to $1\frac{1}{2}$ Iron
Thread.



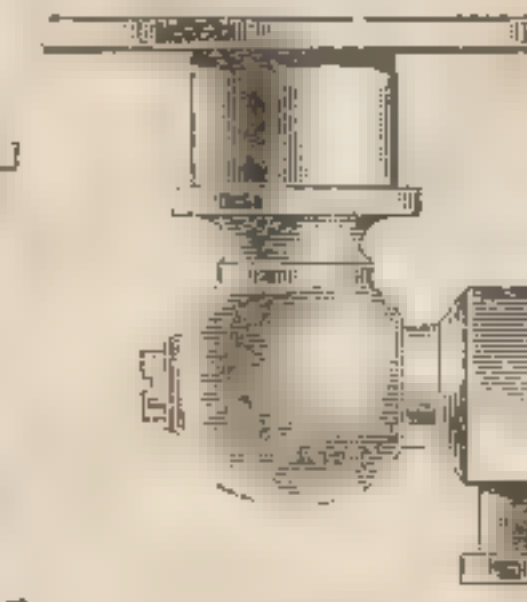
CAP AND LINING,
 $\frac{1}{4}$ to $1\frac{1}{2}$ Iron.



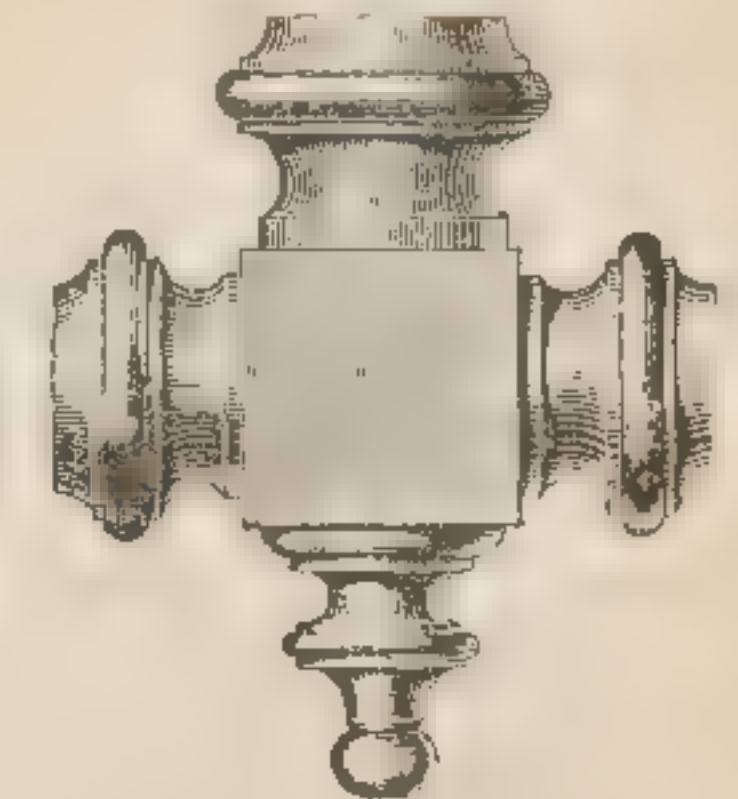
NIPPLE UNION,
 $\frac{3}{8}$ Brass.



BALL JOINT
FOR IRON.
 $\frac{1}{4}$ to $\frac{3}{4}$.



PENDANT TOP,
 $\frac{3}{8}$ to $\frac{3}{4}$ Iron.



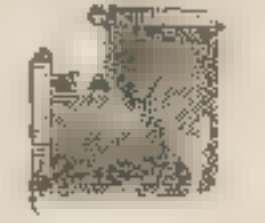
PENDANT BODY,
All Sizes.



ELBOW BURNER
SOCKET,
 $\frac{3}{8}$ Brass.



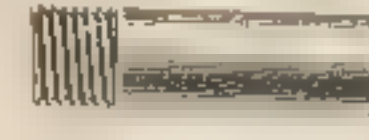
CAST TEE,
and $\frac{1}{2}$ Brass.
 $\frac{1}{4}$ to $\frac{3}{4}$ Iron.



CAST ELBOW,
and $\frac{1}{2}$ Brass.
 $\frac{1}{4}$ to $\frac{3}{4}$ Iron.



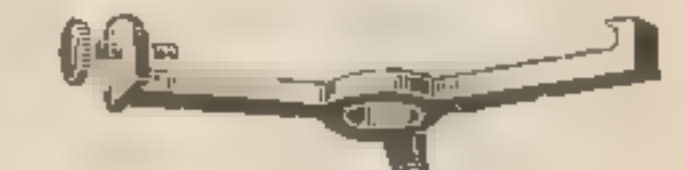
BRASS SOCKET,
and $\frac{1}{2}$ Brass.



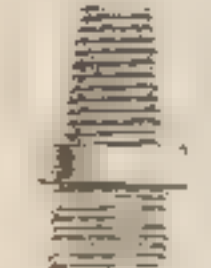
TUBE
CONNECTOR,
 $\frac{3}{8}$ Brass.



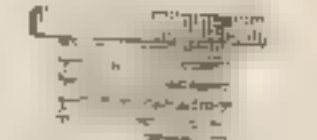
TUBE ELBOW,
 $\frac{3}{8}$ Brass.



GAS GALLERY.



ADAPTOR,
 $\frac{3}{8}$ Brass.



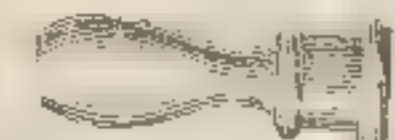
DIMINISHER,
All Sizes.



CAST NOSE PIECE,
 $\frac{1}{4}$ to $\frac{3}{4}$ Iron.



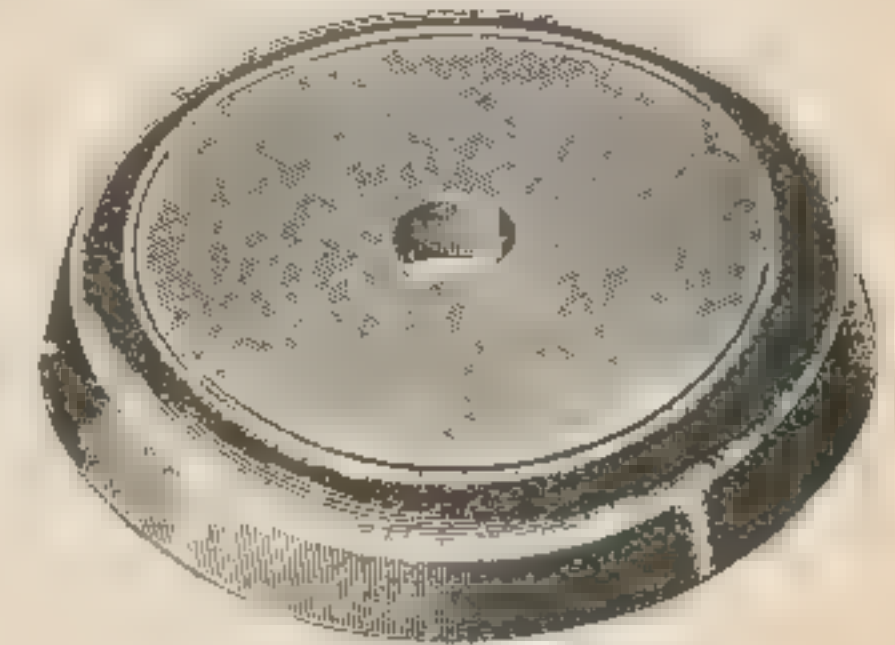
STOP CAP,
 $\frac{3}{8}$ Brass.



NOZZLE FOR FLEXIBLE
TUBING,
 $\frac{3}{8}$ Brass.



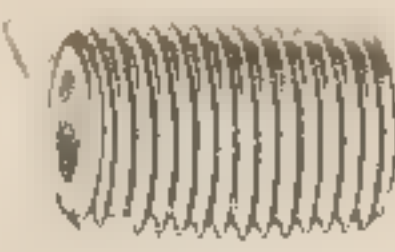
BRASS GAS PLATE.



GAS BLOCK



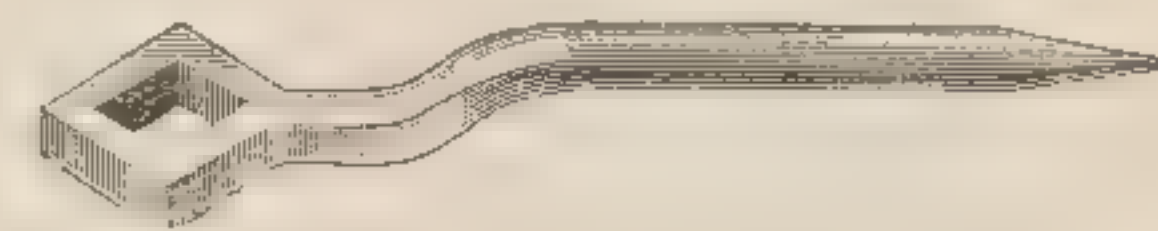
LENGTHENING
PIECE.
 $\frac{3}{8}$ Brass.



NIPPLE.
and $\frac{1}{2}$ Brass.



BRASS TEE KEY.



IRON GAS-MAIN KEY.
All Sizes.

General Brass Foundry.

BOLTS AND BUTTONS.

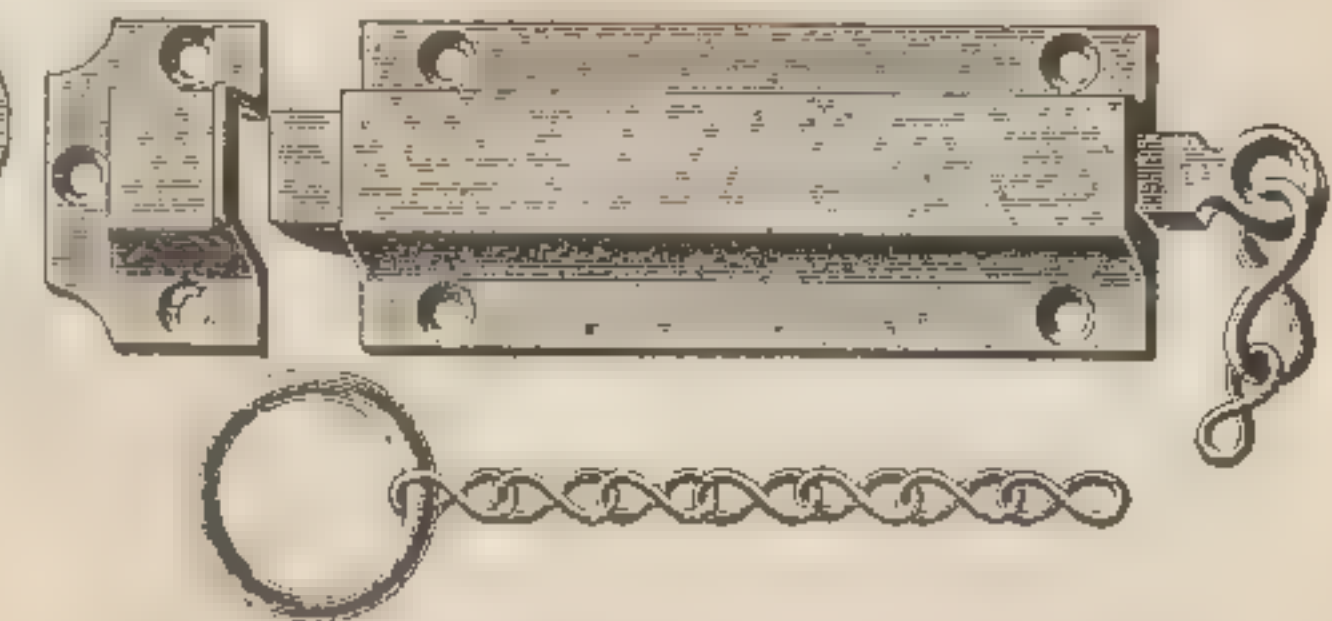
All Brass Goods can be Antique Copper Bronzed or Nickel and Silver Plated.



BRASS SOCKET BOLT, 2, 3, 4, 5, 6, 8, 9, 10, 12, 15, 18 inch. (Iron Shoot). Various widths.



HEAVY ALL-BRASS SOCKET BOLT
4, 6, 8 inch.



BRASS SPRING BOLT, 4, 6 inch.



BRASS SOCKET BOLT, Necked.
3, 4, 6 inch.



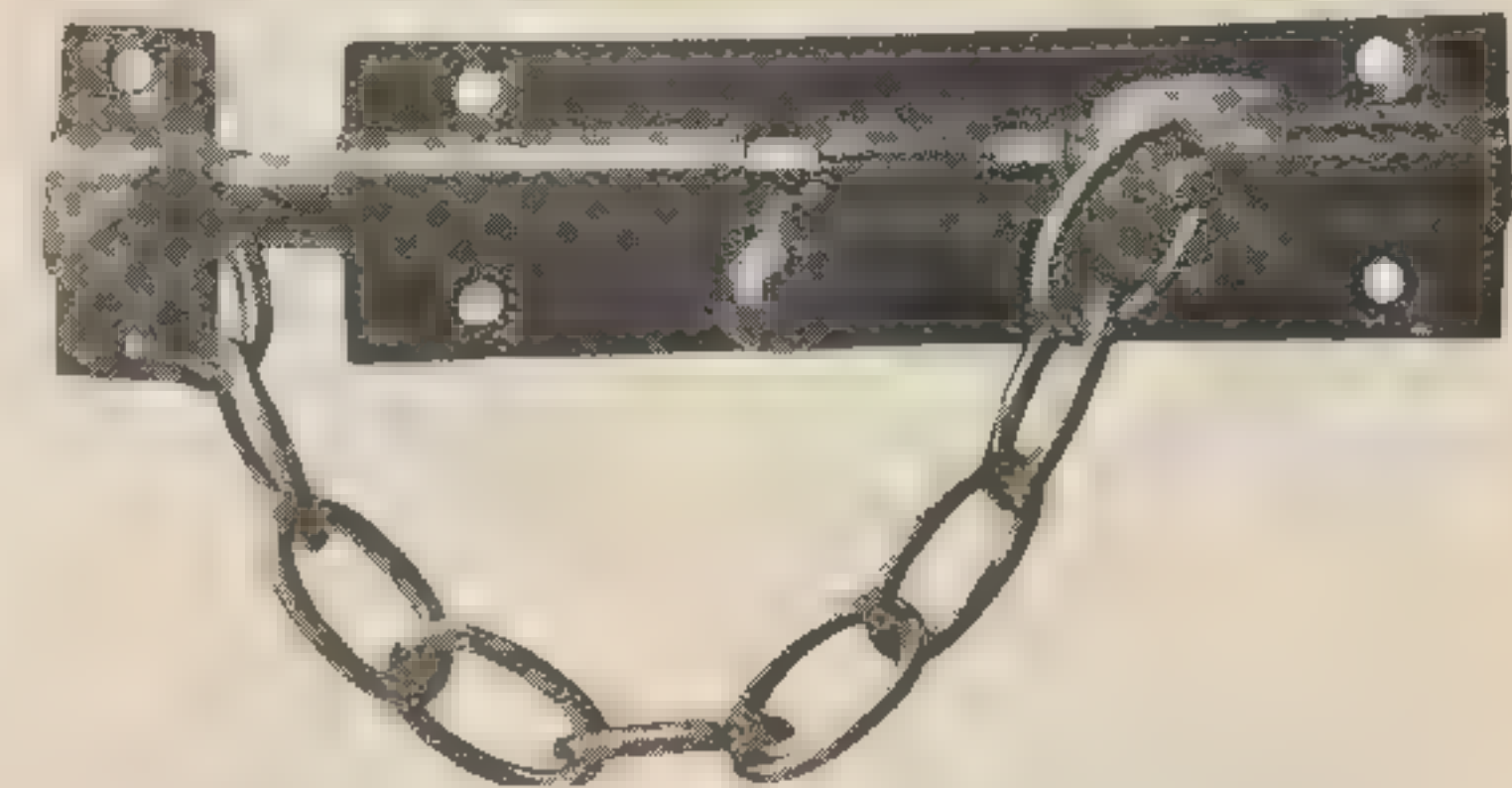
BRASS FLUSH BOLT.
2, 3, 4, 5, 6, 8, 10, 12 inch. Various widths.



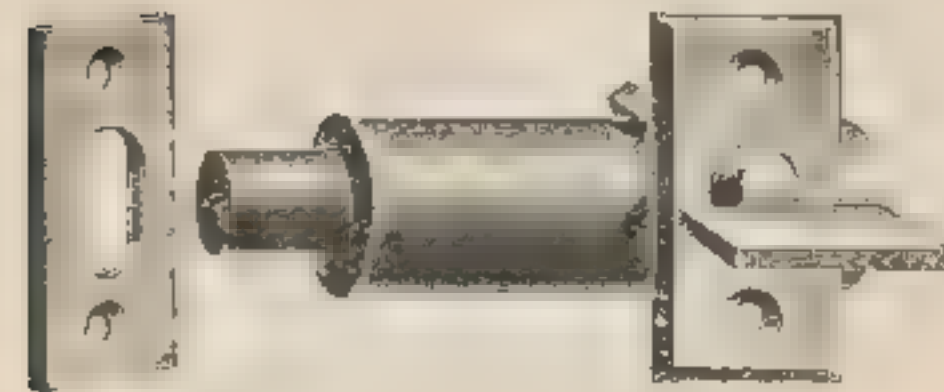
PATENT LEVER BRASS FLUSH BOLT.
6 x 4, 12 x 4, 12 x 1 inch.



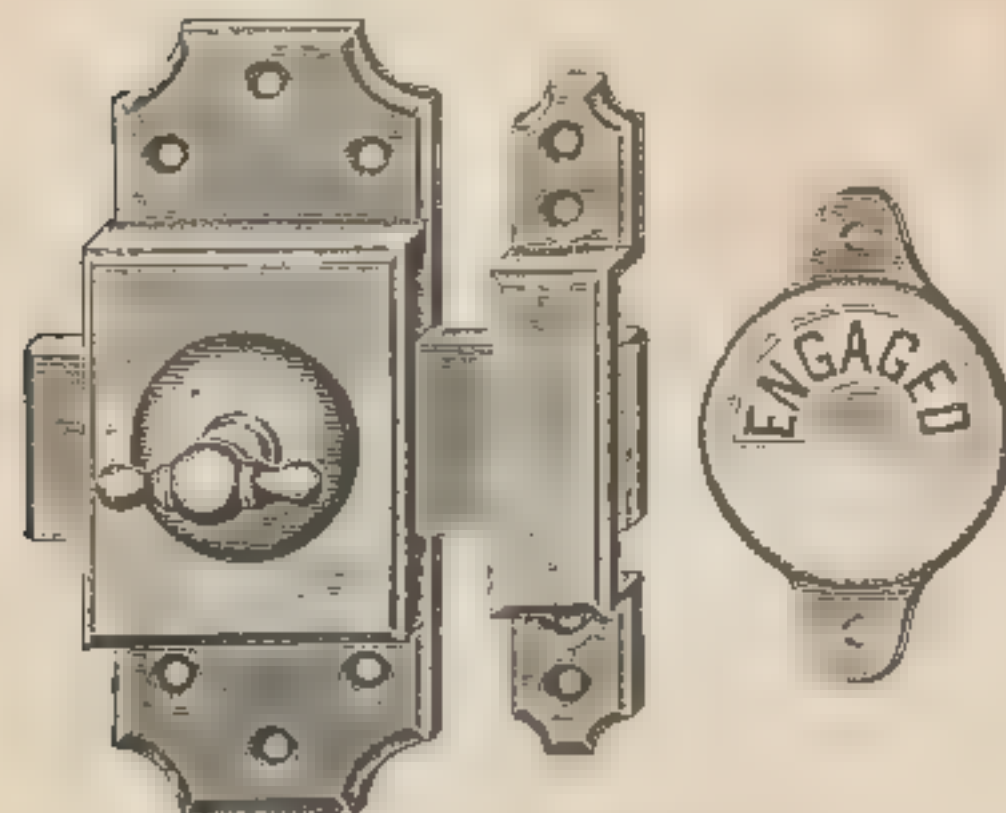
BRASS SASH BOLT.



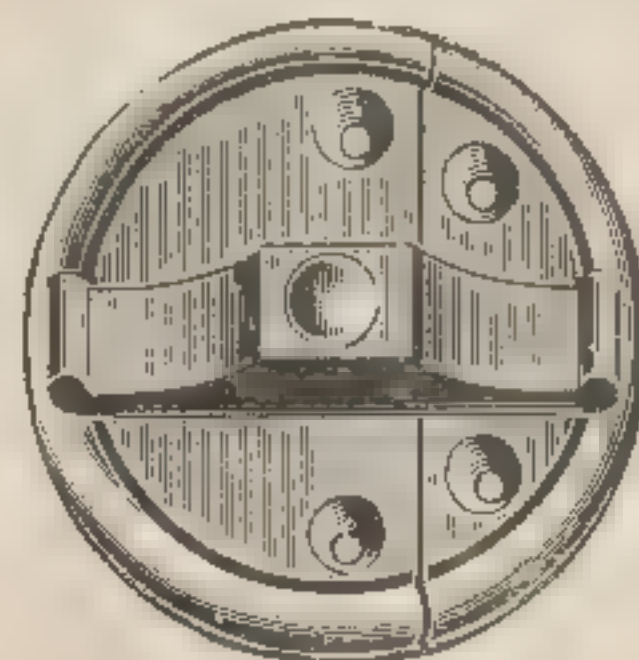
BRASS DOOR CHAIN AND BOLT COMBINED.



IRON MORTICE BOLT.



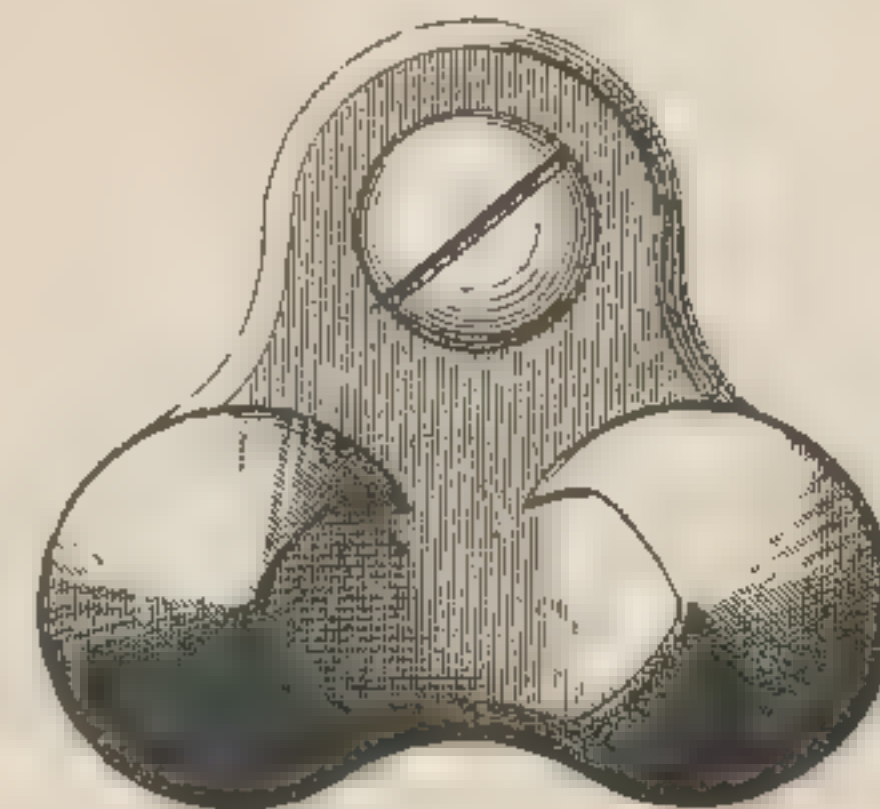
BRASS INDICATOR BOLT.



BRASS BUTTON ON PLATE.
1½ to 2½ inch.



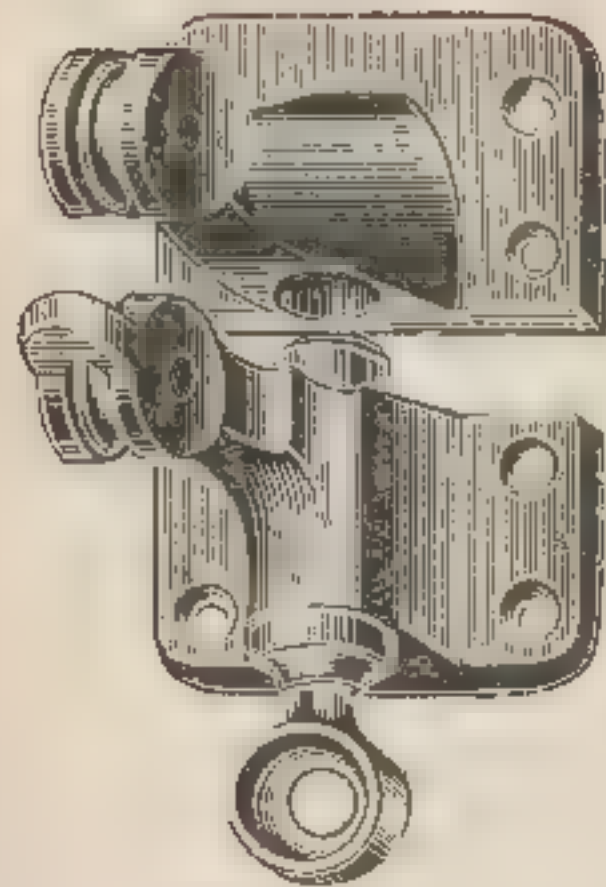
BRASS BUTTON.
1½ to 2½ inch.



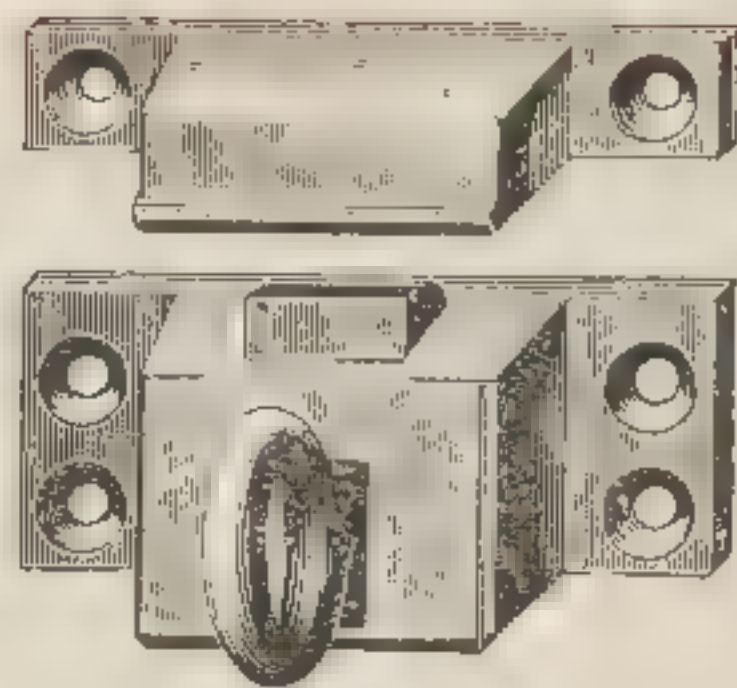
AUTOMATIC BRASS CUPBOARD BUTTON OR CATCH



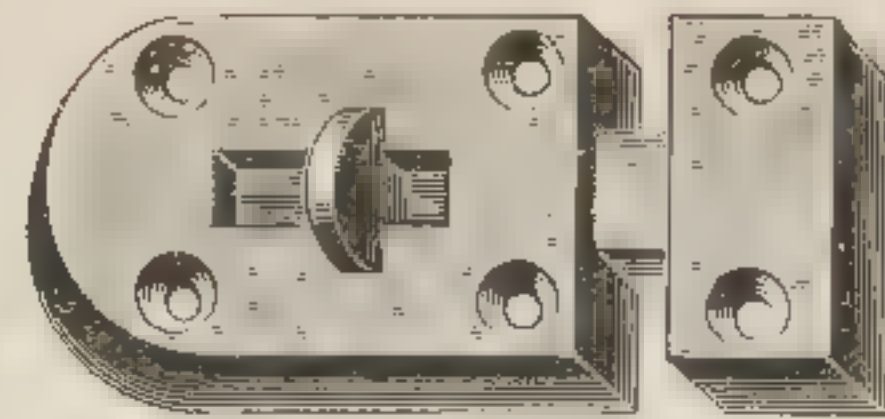
Brass Catches.



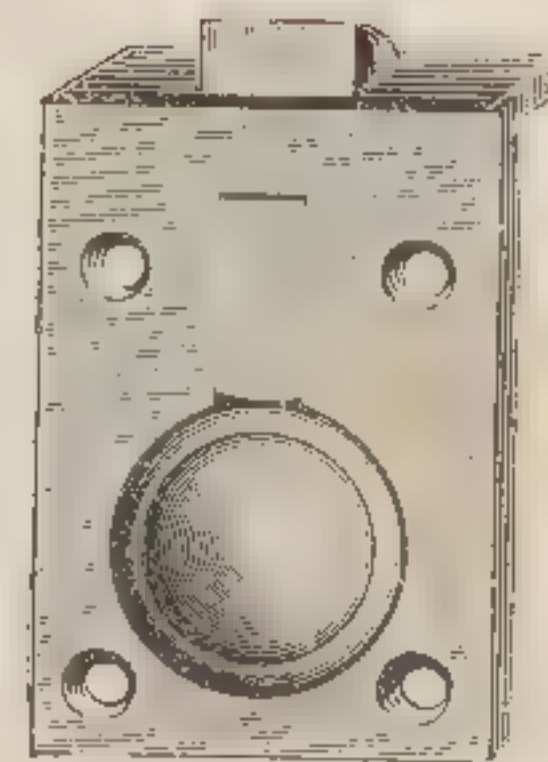
No. 1.
BRASS FANLIGHT
CATCH,



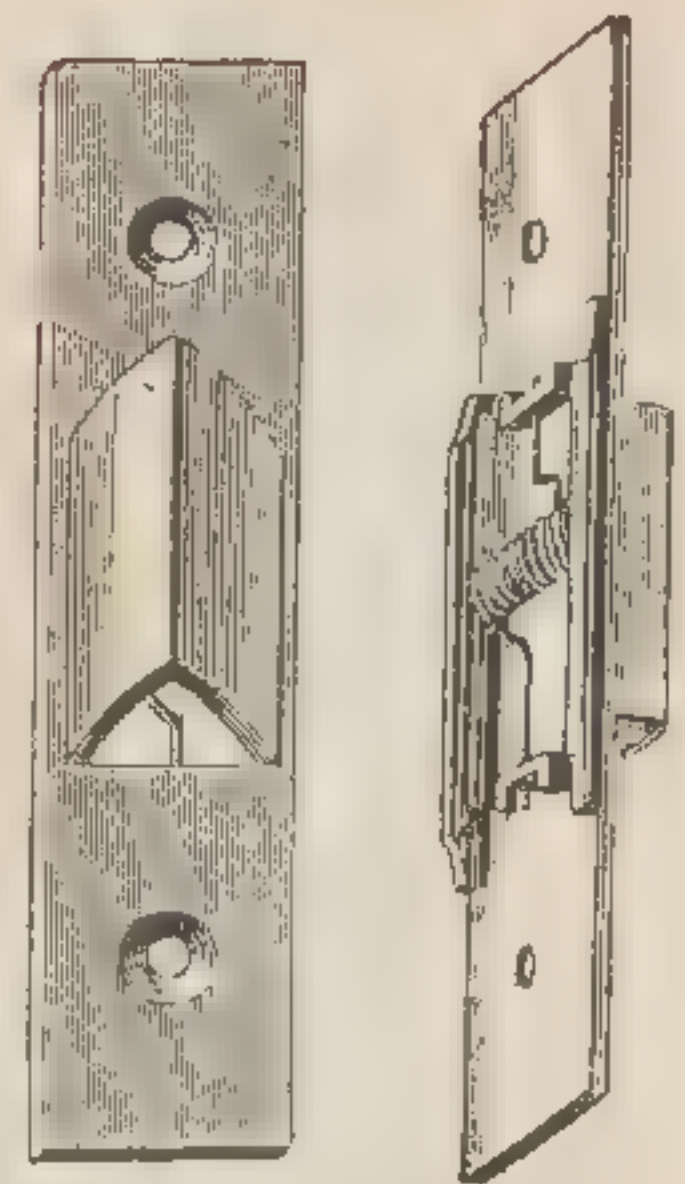
No. 2.
BRASS FANLIGHT CATCH



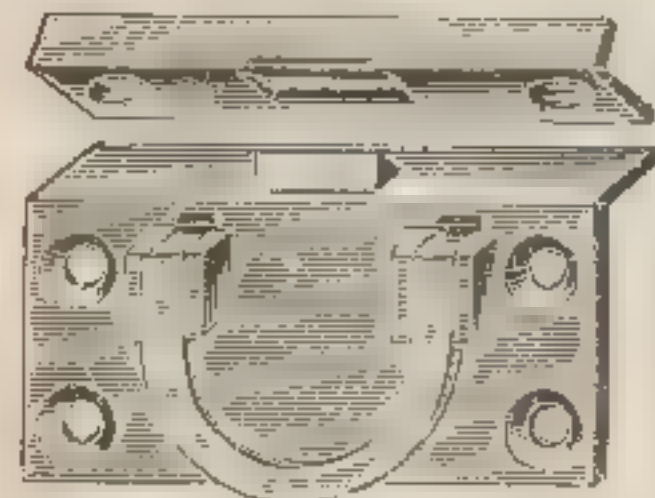
BRASS SQUARE BOLT FOR DOORS.



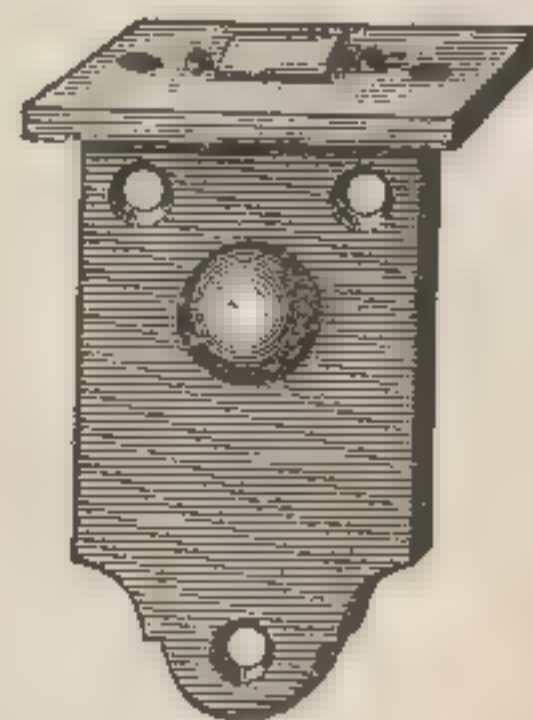
BRASS FLUSH RING CATCH.
1 3/4 and 2 inch.



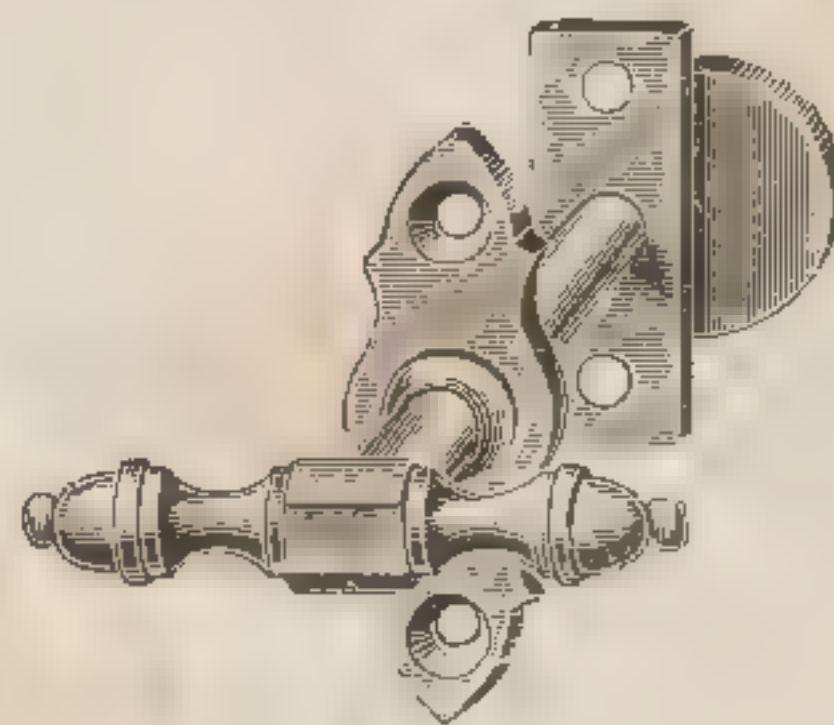
BRASS SPRING DOOR CATCH
1 1/2, 1 3/4, 2 1/2, 3 1/4 inch.



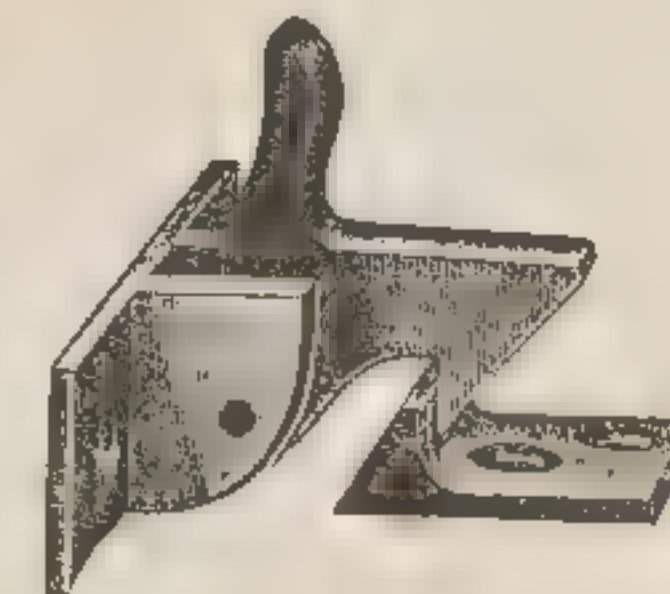
No. 1.
BRASS SHOW CASE CATCH.



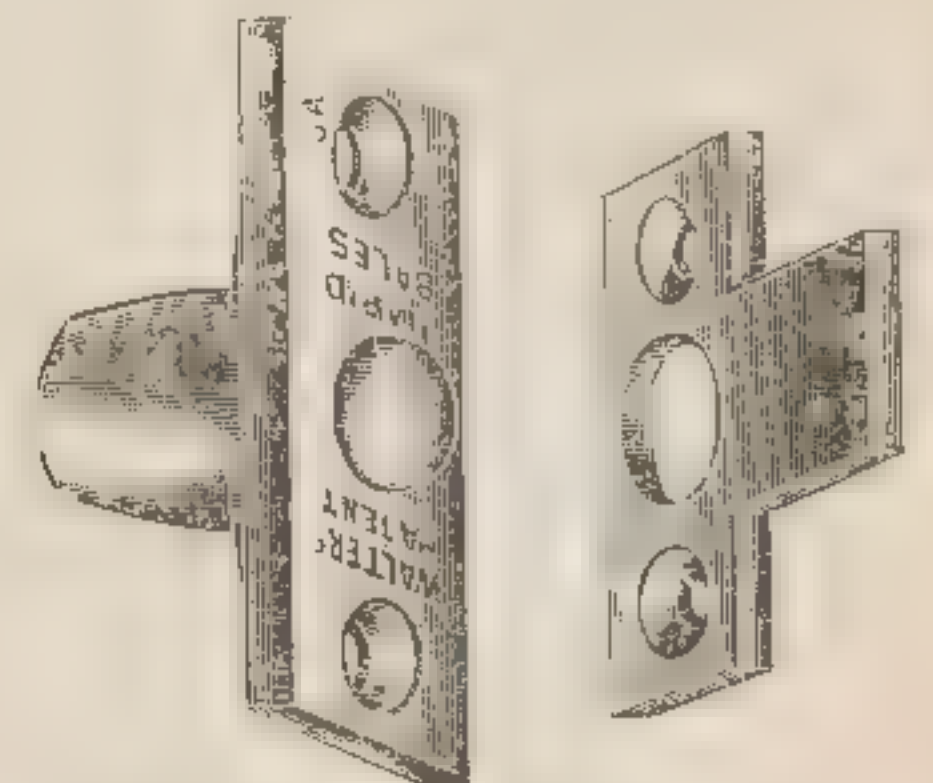
No. 2.
BRASS SHOW CASE
CATCH.



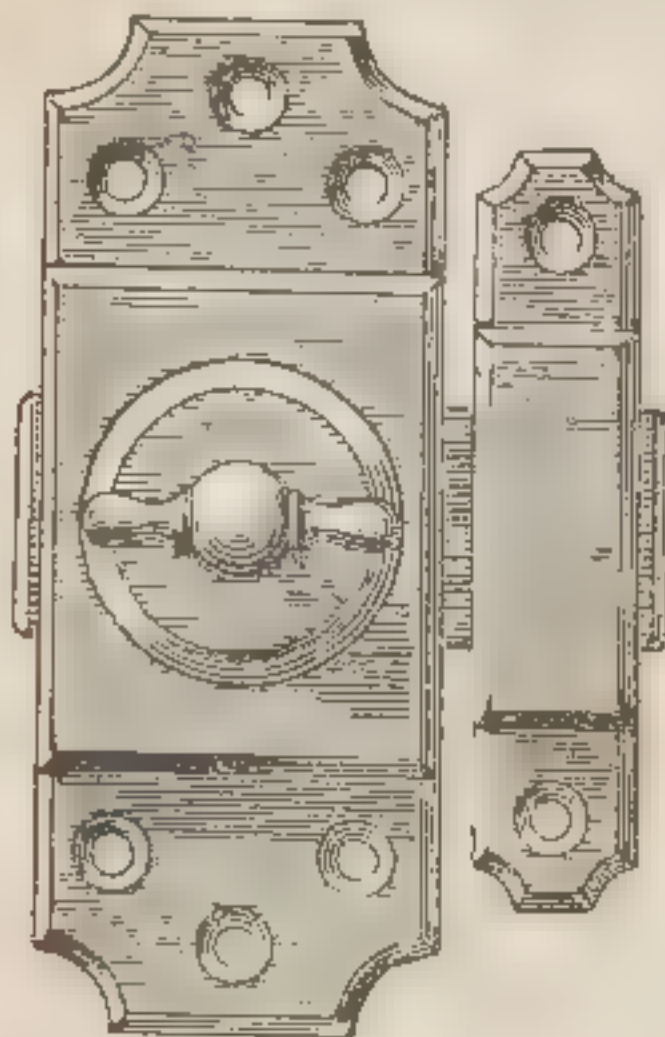
No. 3.
BRASS SHOW CASE CATCH.



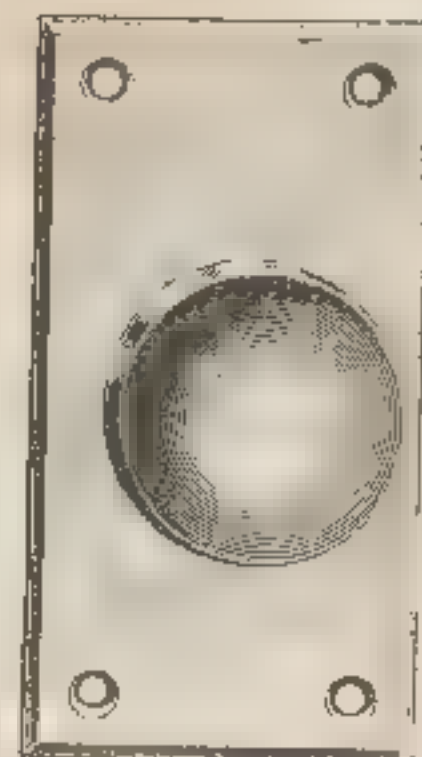
ELBOW CATCH
(Iron.)



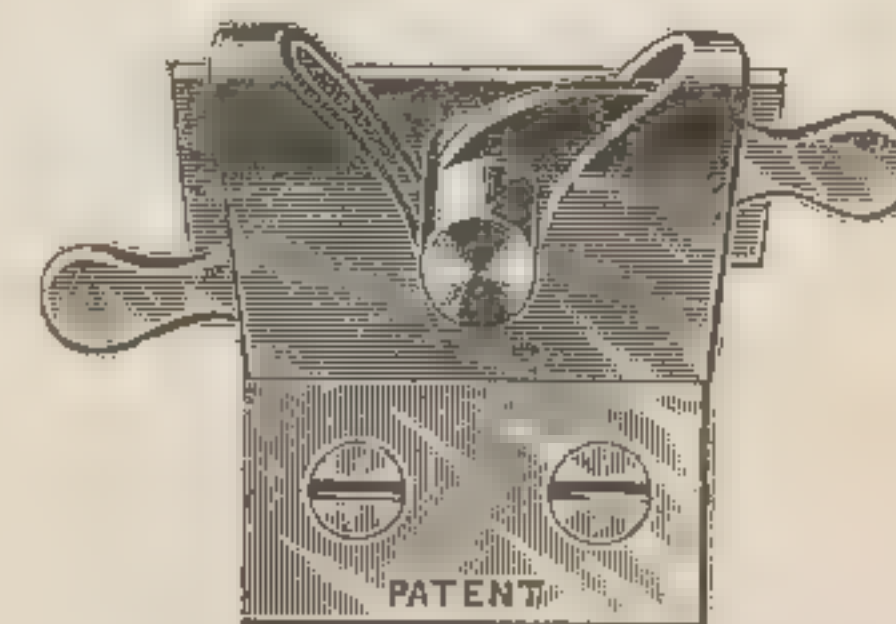
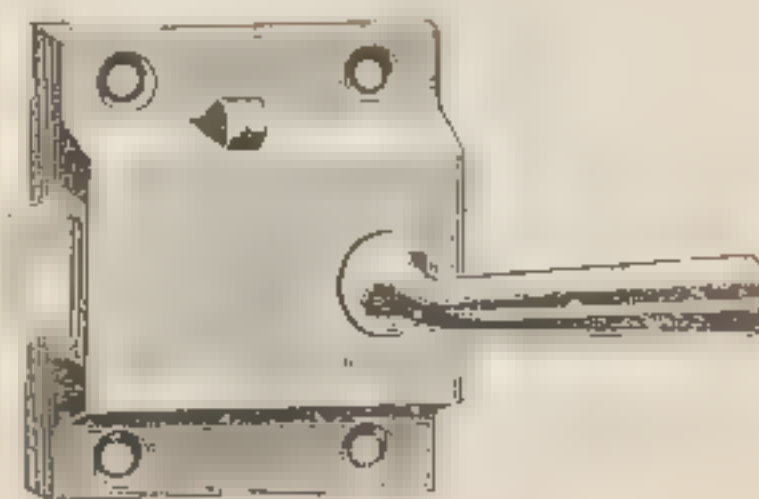
BALE'S CUPBOARD CATCH.
Nos. 1, 2, 3, 4.



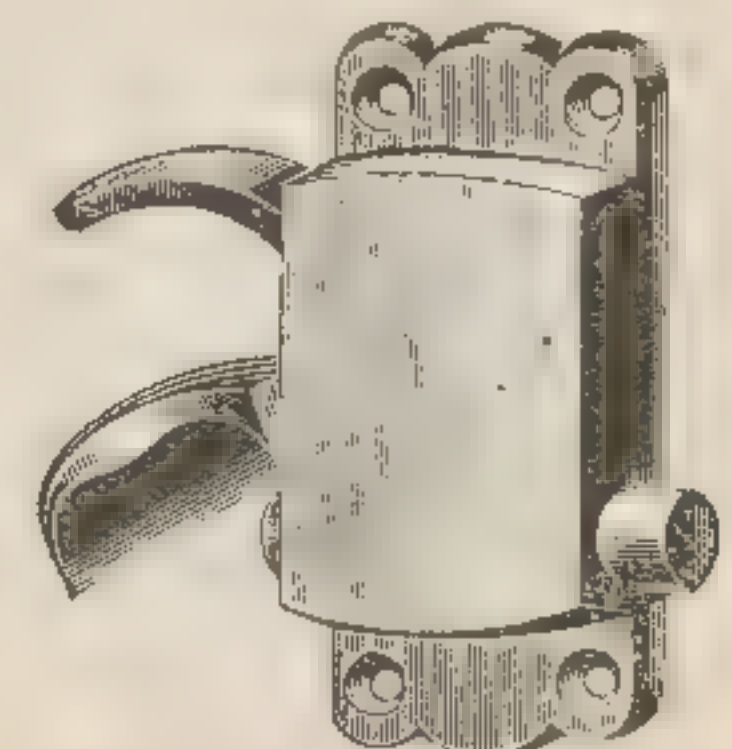
No. 1.
BRASS CASEIMENT OR CUP-
BOARD FASTENER,
(Also in Iron.)



BRASS SCREEN DOOR CATCH.

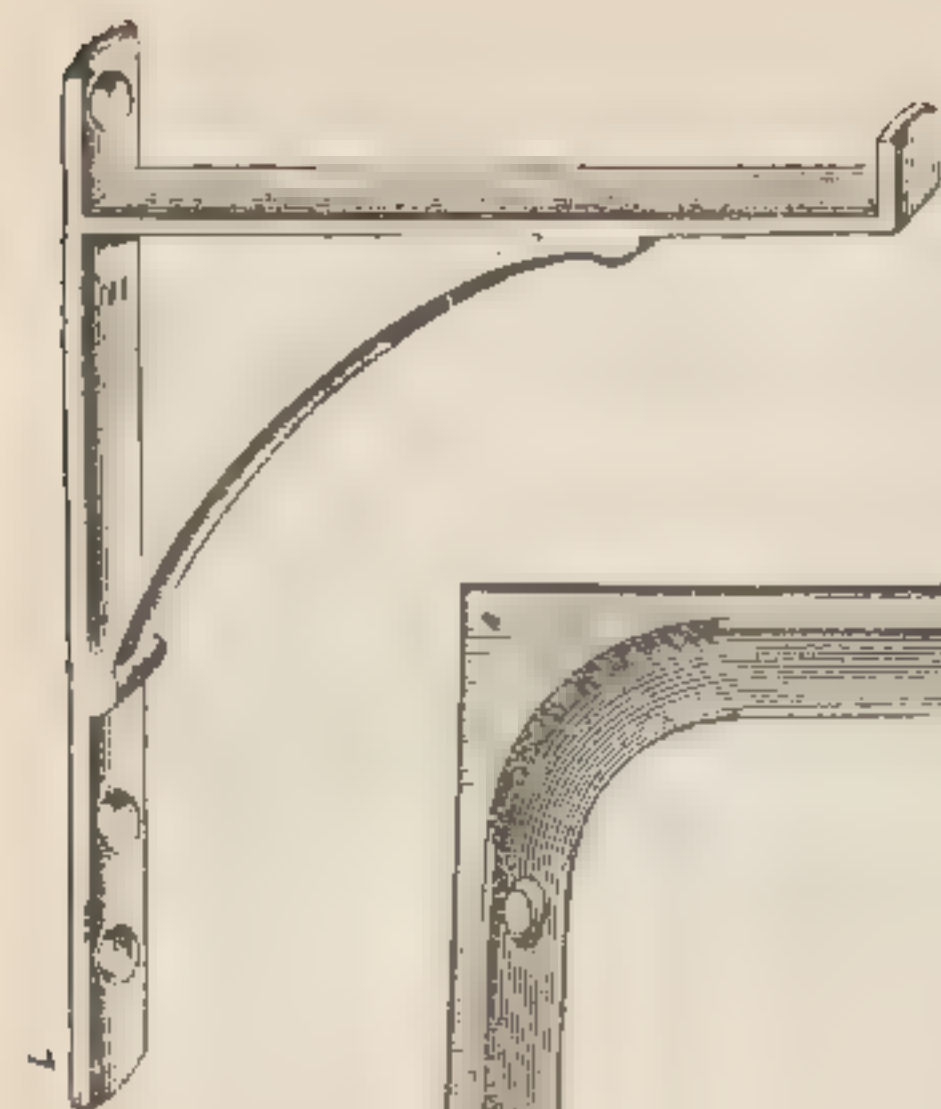


BRASS AUTOMATIC DOOR CATCH.

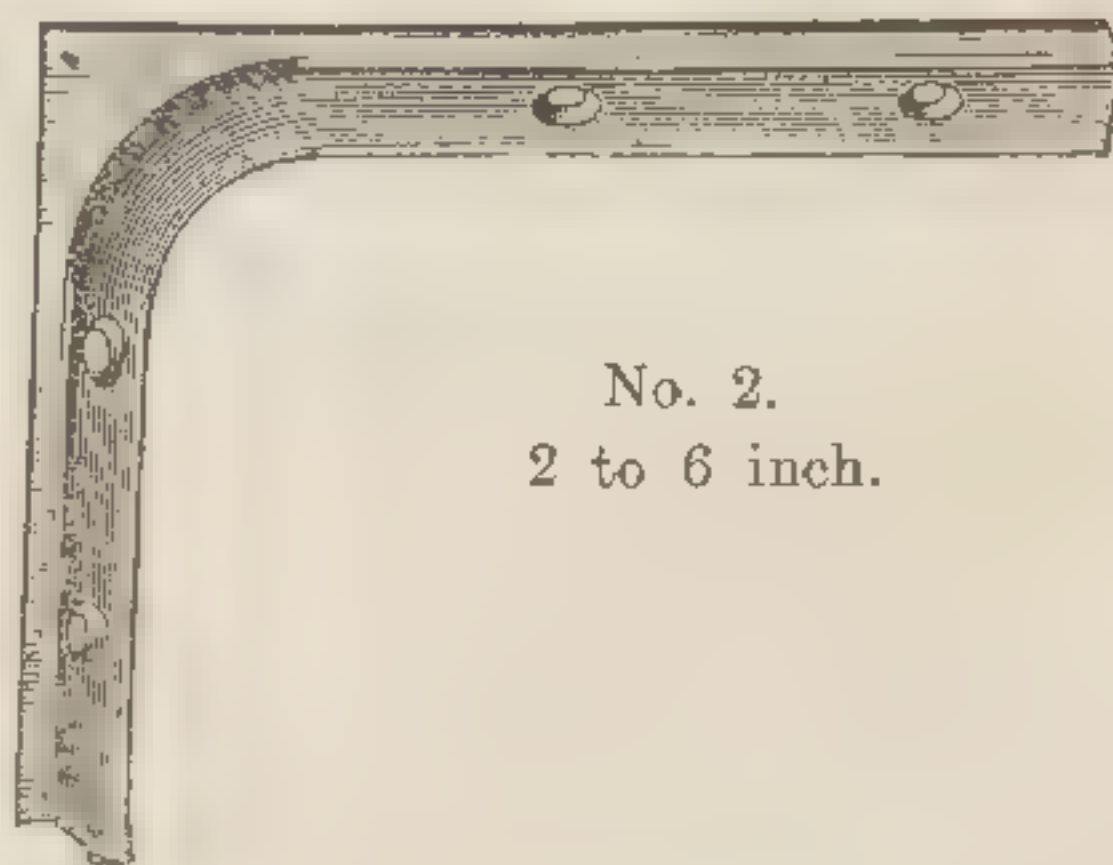


RAILWAY WINDOW
CATCH.

Brass Brackets, Chains, Etc.

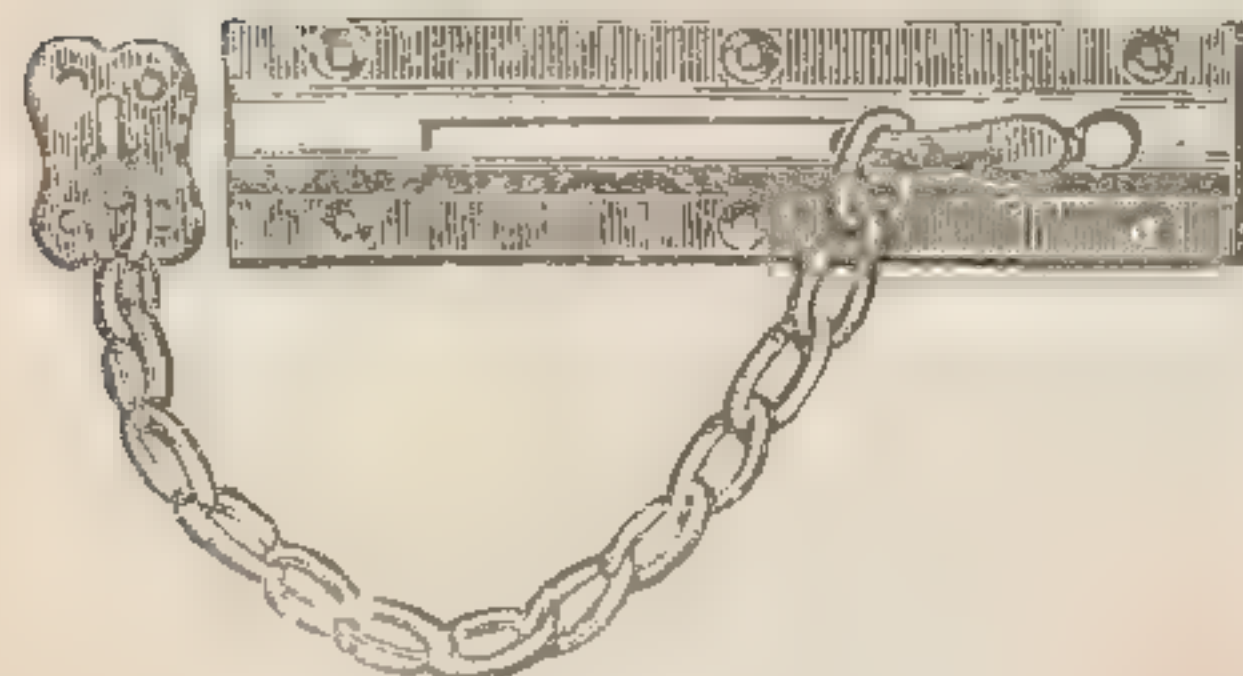


No. 1.
3 to 6 inch.

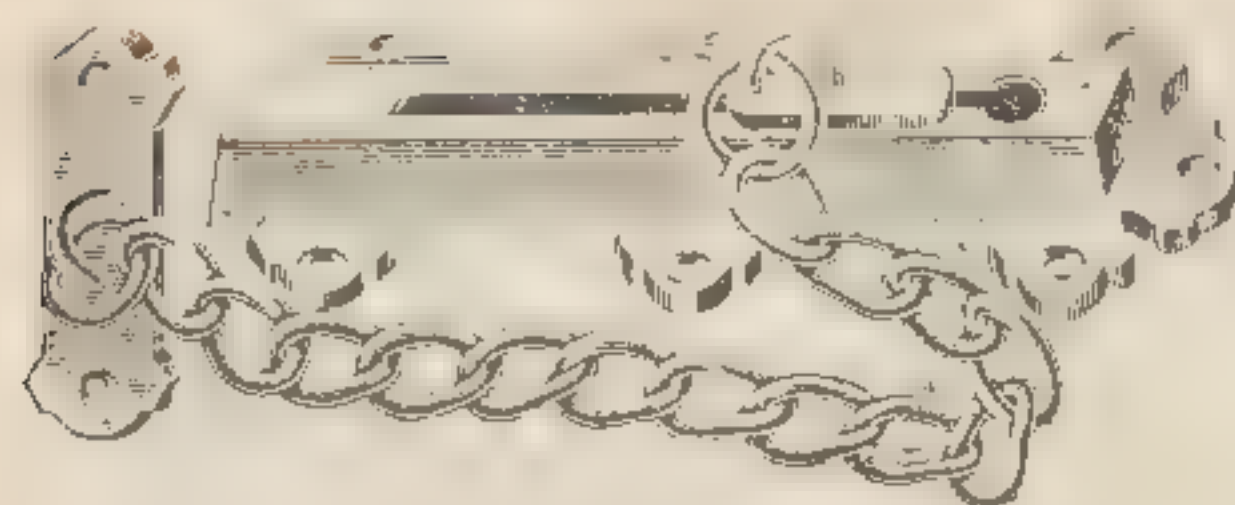


No. 2.
2 to 6 inch.

BRASS SHELF BRACKETS.



No. 1.
BRASS DOOR CHAIN,
6, 7, 8 inch.



No. 2.
BRASS DOOR CHAIN,
8 inch.



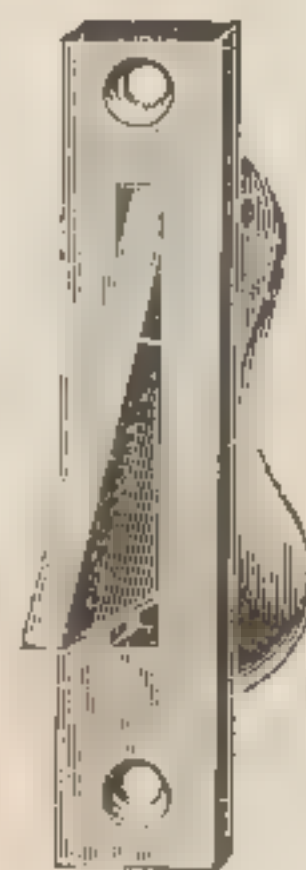
BRASS
CHANDELIER
CHAIN.



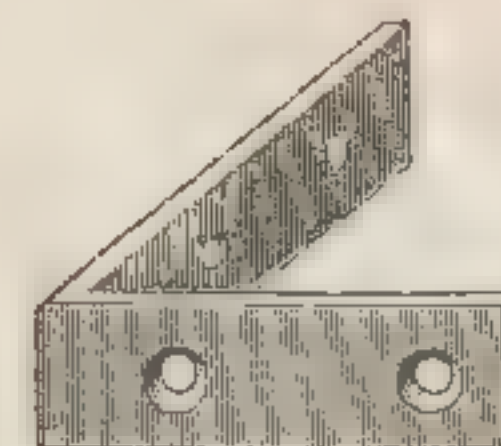
JACK CHAINS,
Brass, Nos. 10, 12, 14, 16.
Various Sizes. Iron, Nos. 8, 10, 12, 14, 16.



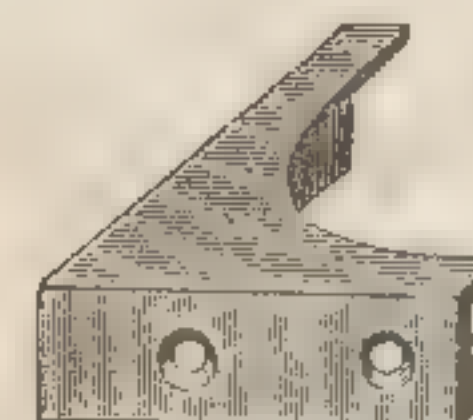
SASH DROP.



PATENT
SASH DROP.



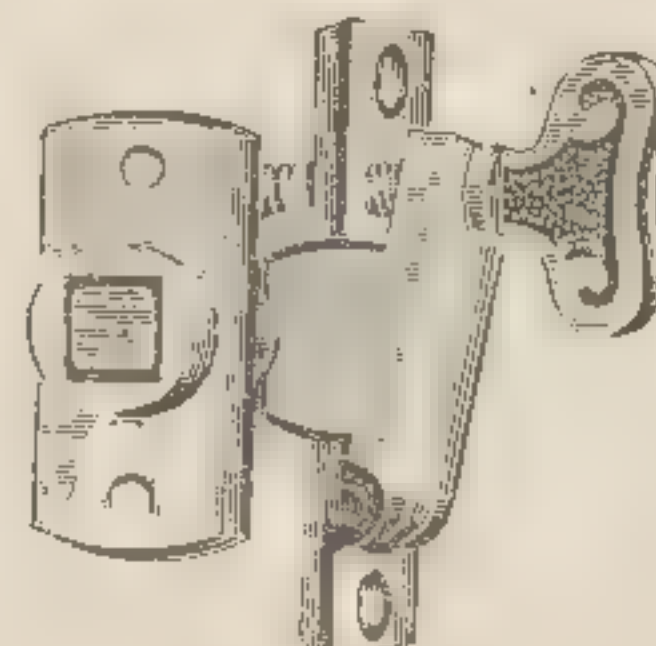
No. 1.
1½, 2 inch.



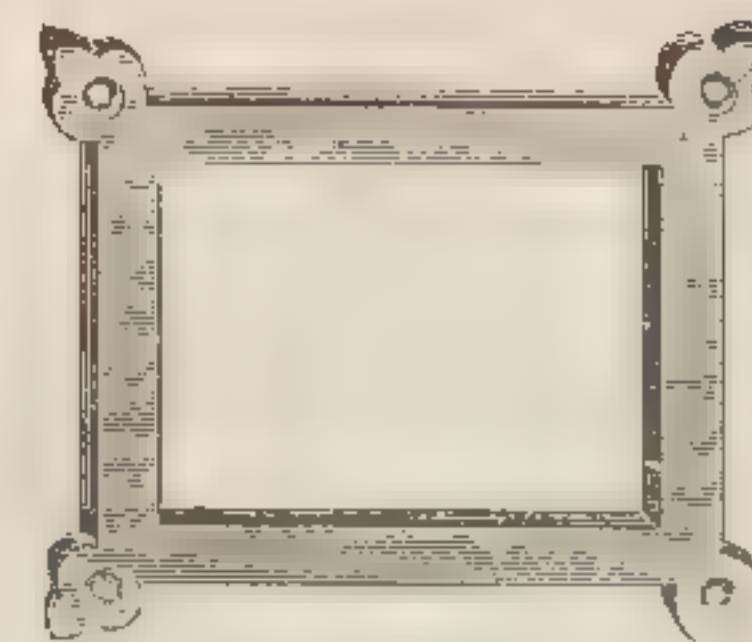
No. 2.
BRASS BOX CORNERS.
2, 2½ inch.



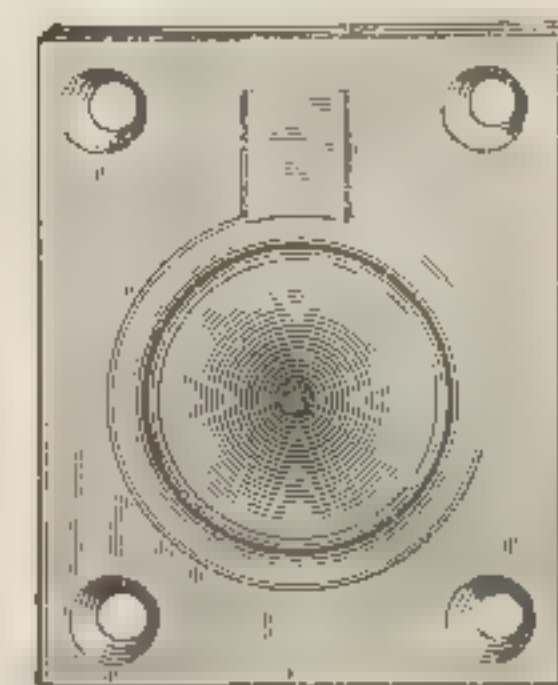
BRASS GLASS PLATE.



No. 1.
BRASS GLASS MOVEMENTS.



CARD FRAME.
2½ to 4 inch.



BRASS FLUSH RING.
1½, 2 inch.

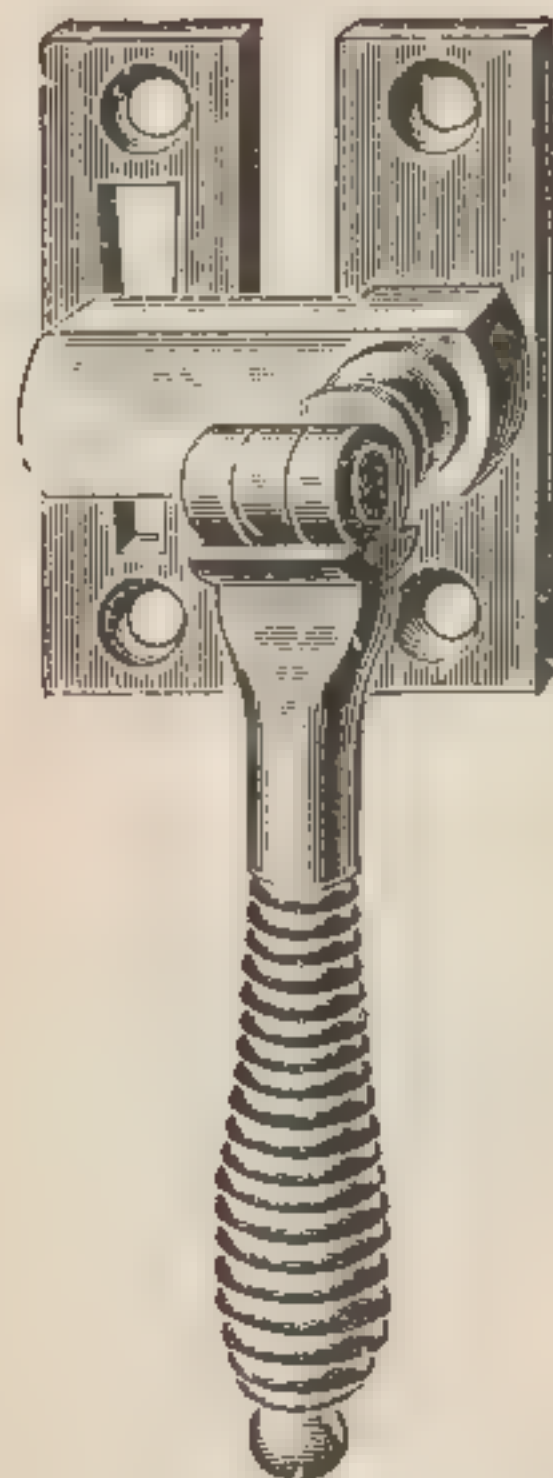


BRASS SASH ROLLER.
½ to 1 inch.

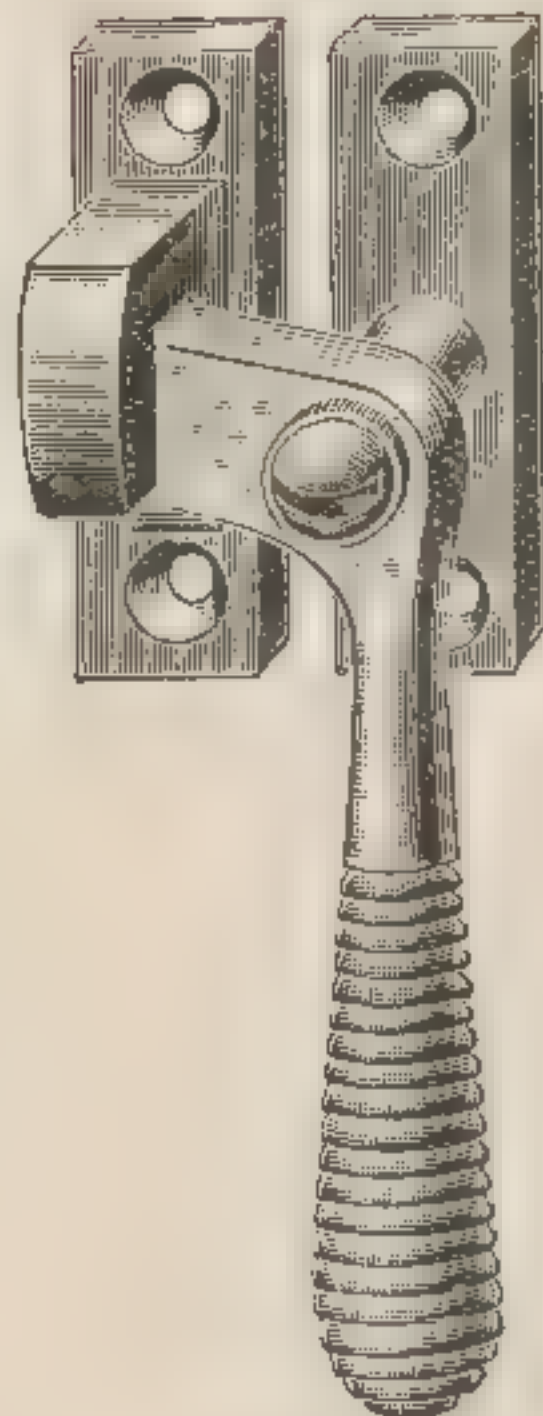


No. 2.

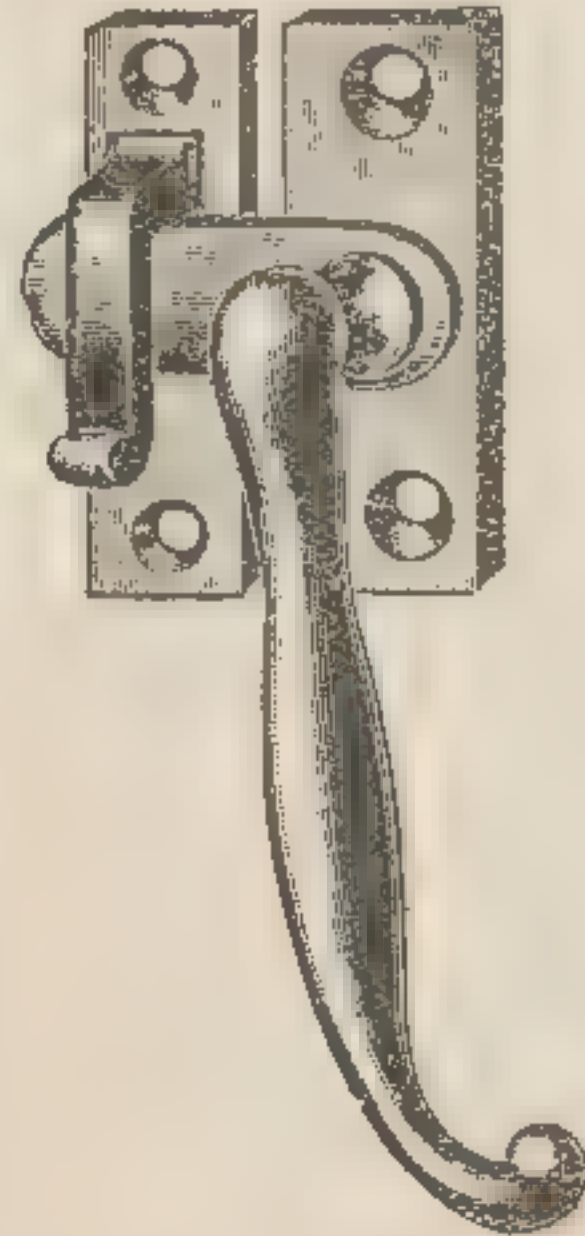
Brass Casement Fasteners, Etc.



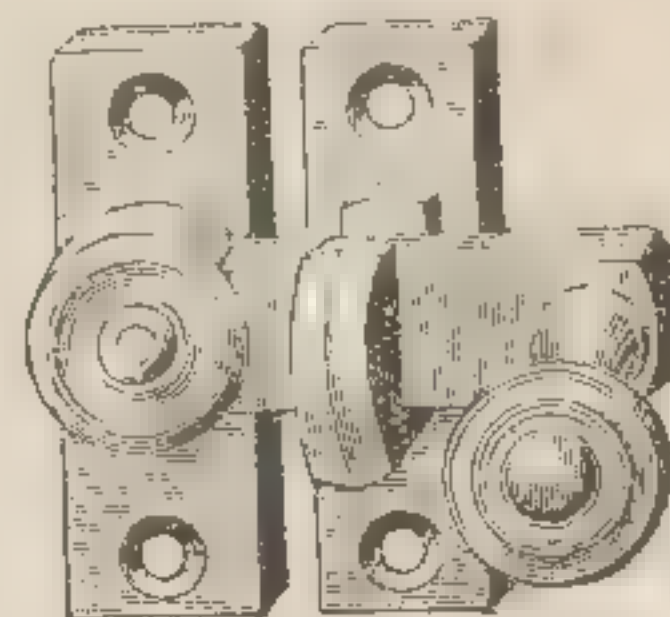
No. 1.



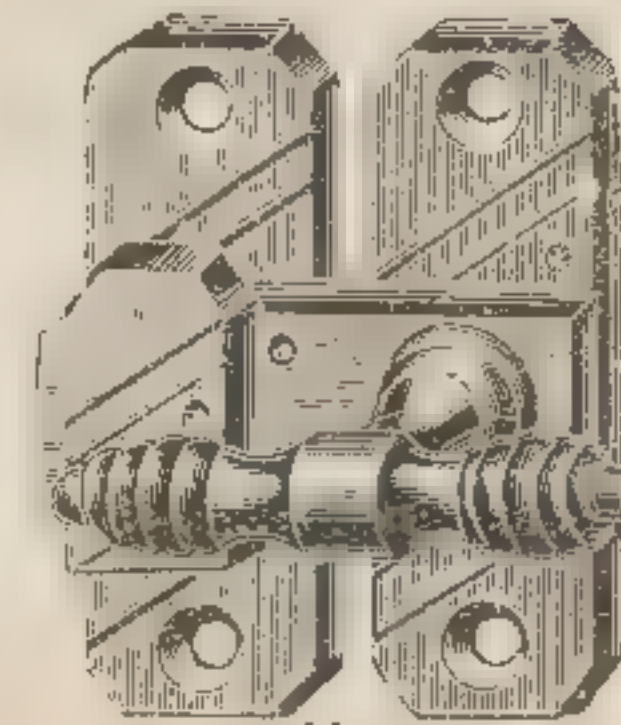
No. 2.



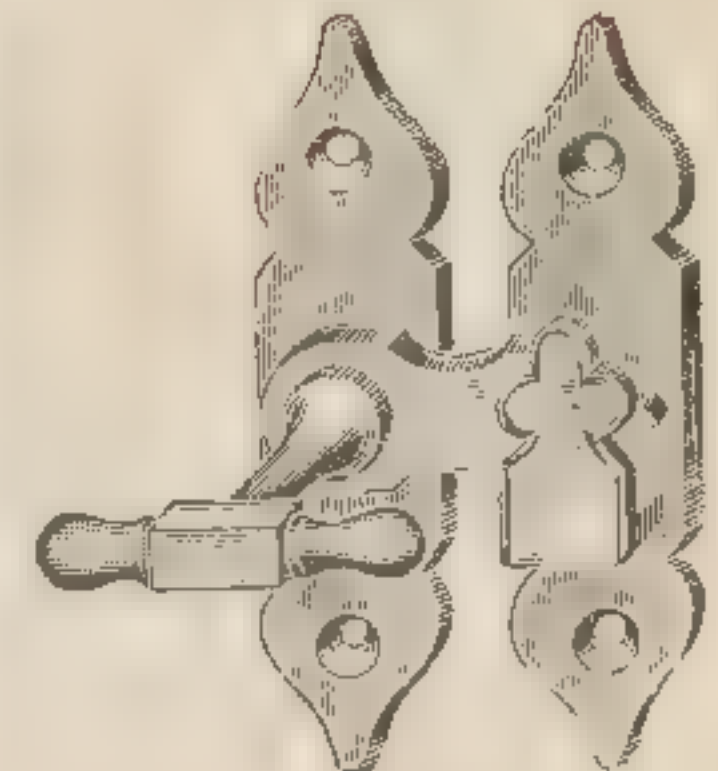
No. 3.



No. 4.



No. 5.



No. 6.



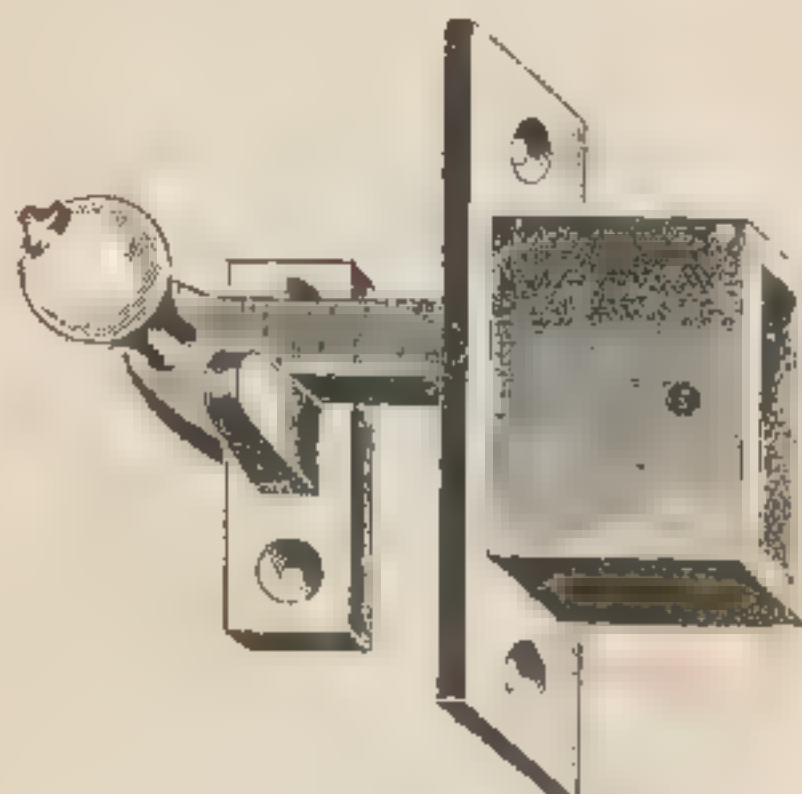
No. 7.



No. 8 (Iron.)



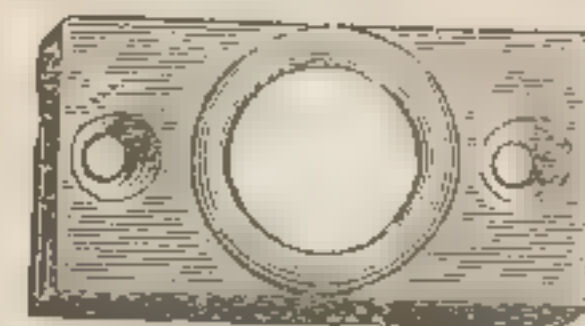
BRONZE IRON WINDOW
WEDGE.



No. 10.



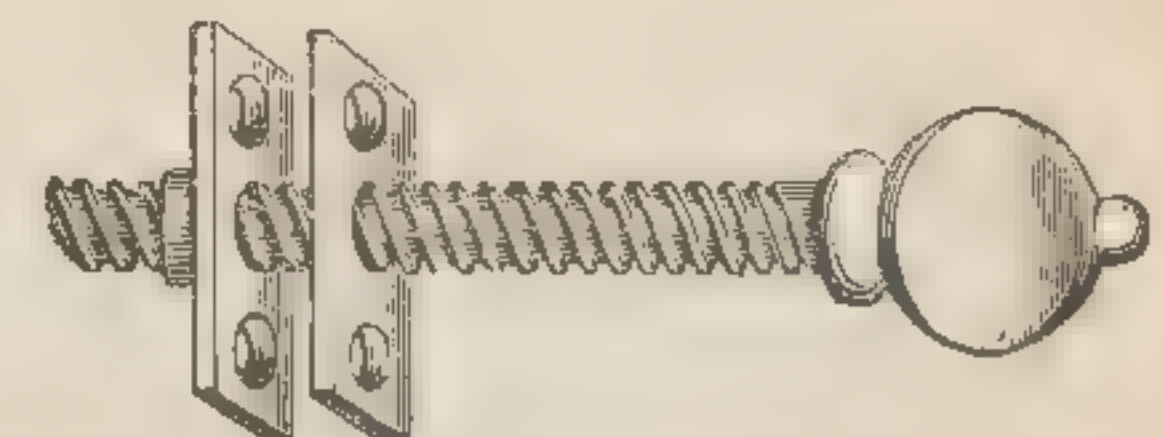
BRASS STICK HOOK.



BRASS SASH PLATES
FOR LONG ARM HOOKS.



SWAN NECK, Brass or Iron.
For Fanlight Cord.



BRASS SASH SCREWS,
2, 2½, 3, 4 inch.

REDWOOD SASHES.

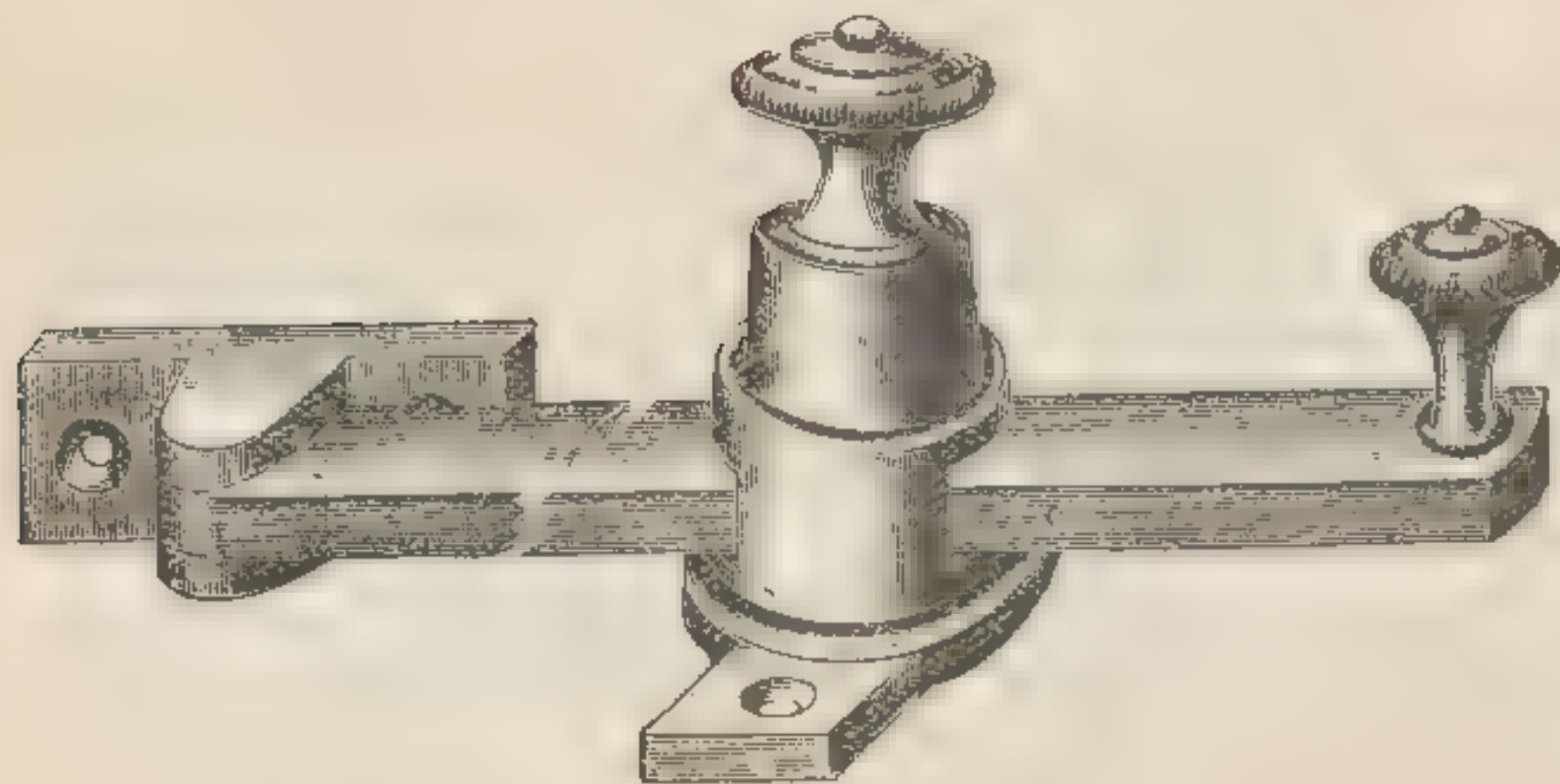
10 x 8, 10 x 12 x 4-light. 10 x 8, 10 x 12 x 12-light.

FOUR PANEL DOORS,

from 6½ x 2½ ft. x 1¼ to 7 x 3 ft. x 1¼ inch.

ALSO ANY SIZE TO ORDER.

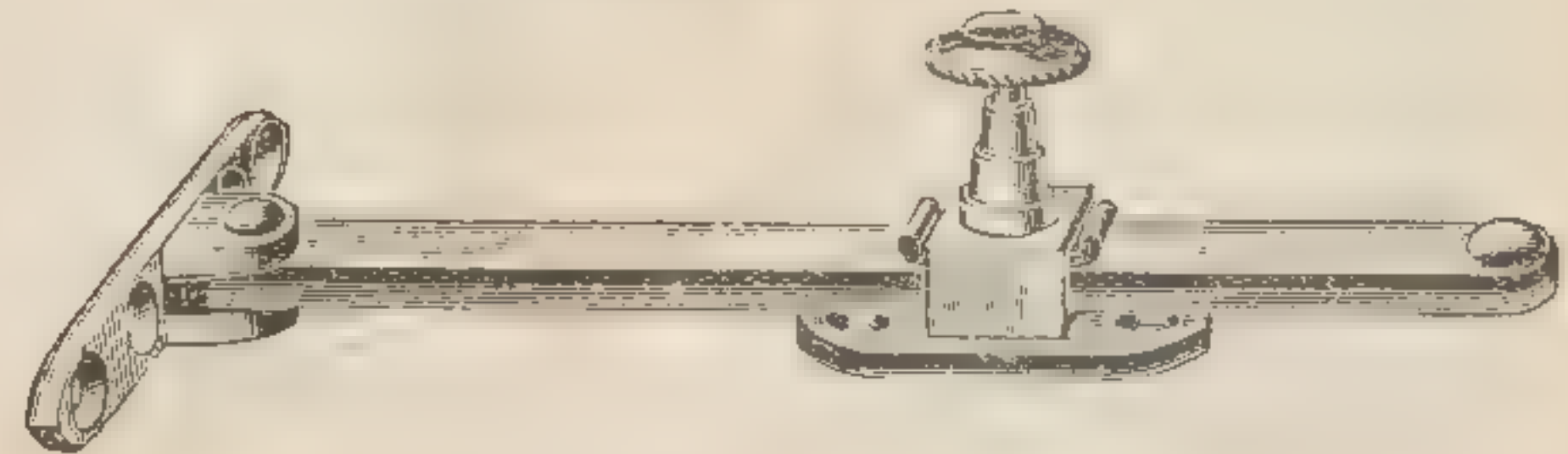
Casement Stays, Hasps and Staples, Etc.



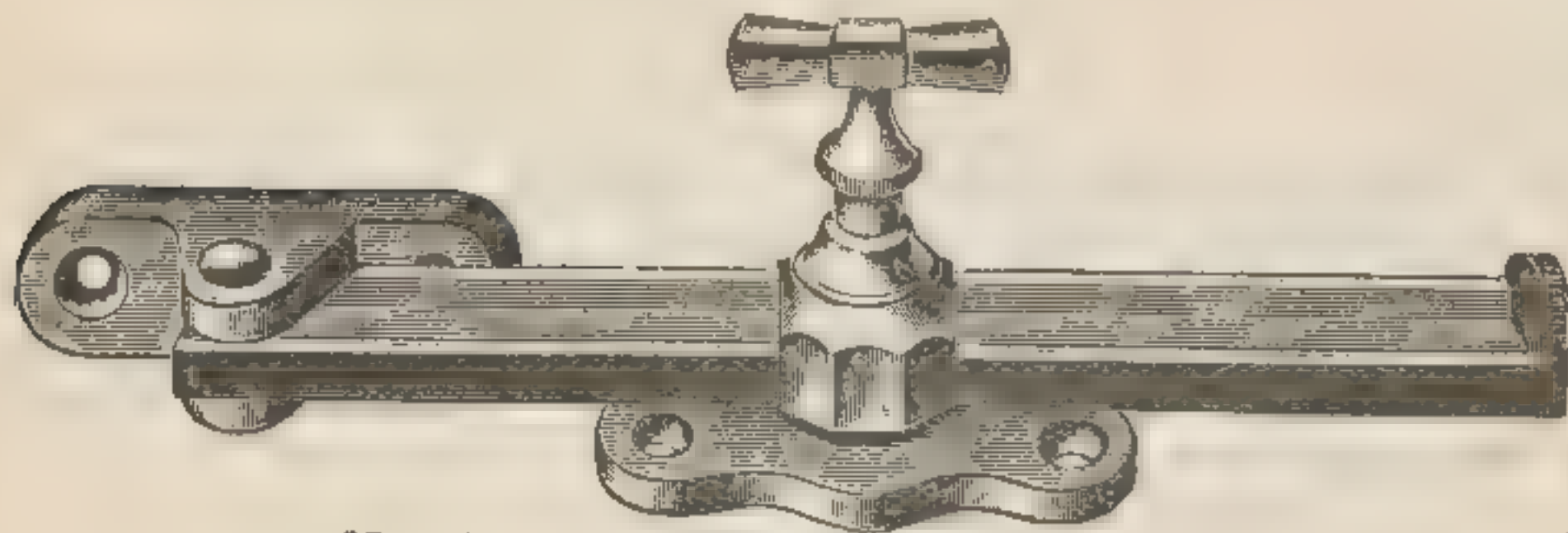
No. 1.
SOLID BRASS. 10, 12, 14 inch.



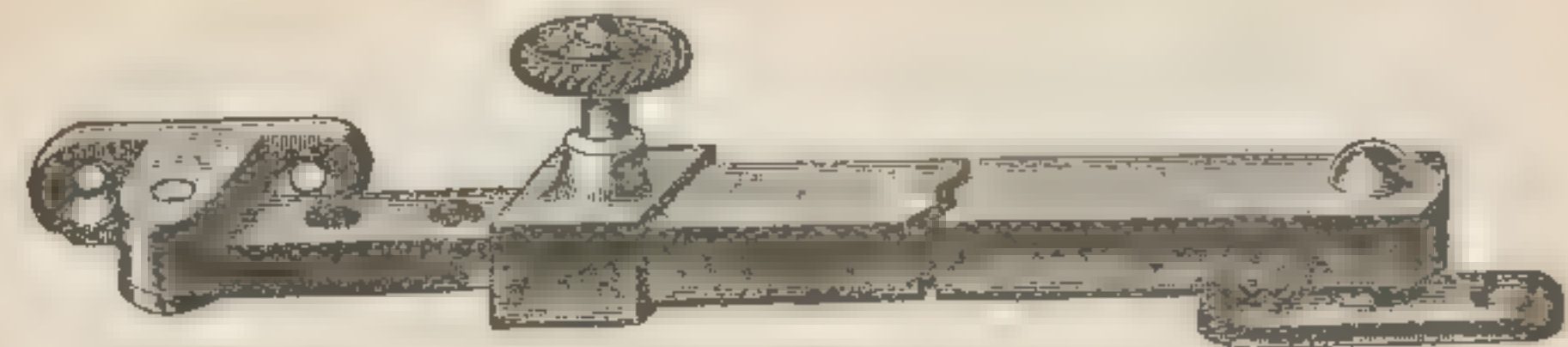
No. 2.
BRASS, also IRON.



No. 3.
BRASS CASED, 10, 12 inch.

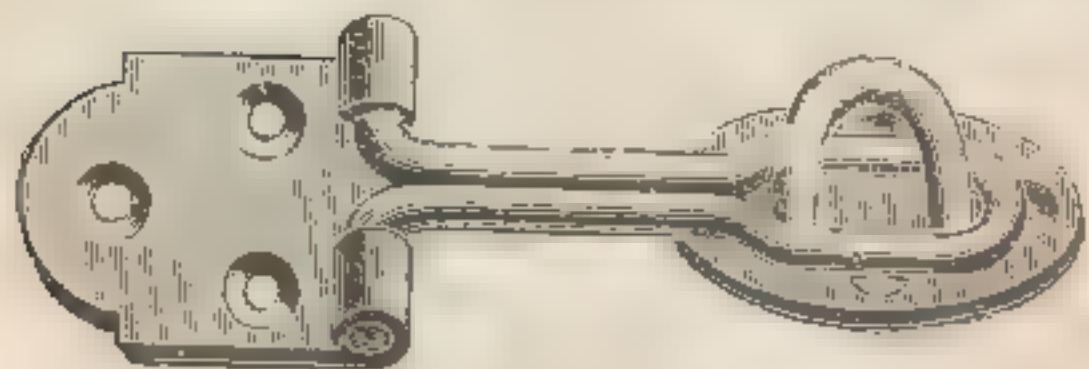


No. 4.
SOLID BRASS, 10, 12 inch.

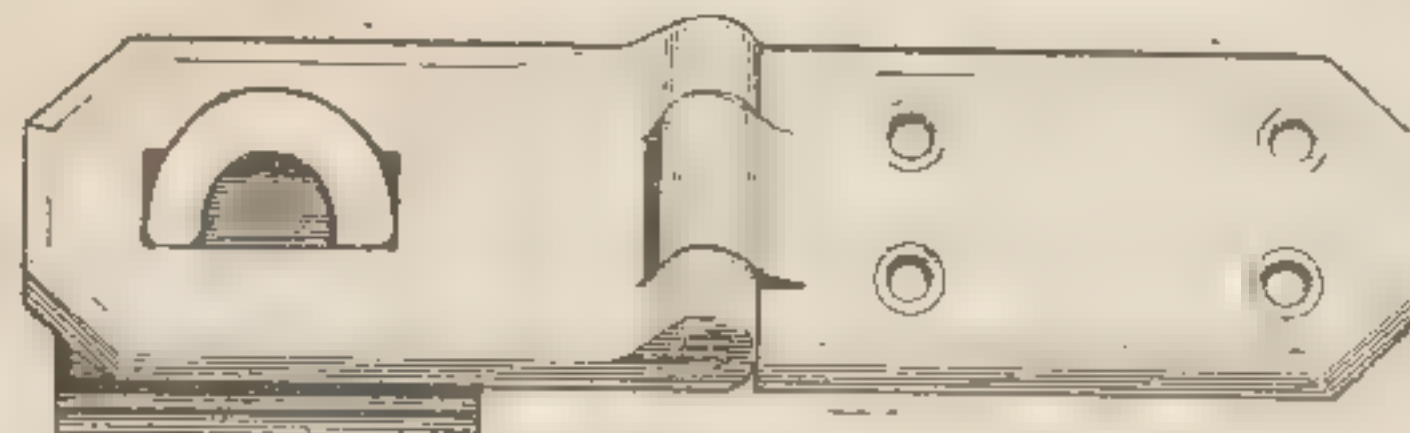


No. 5.
SOLID BRASS, ADJUSTABLE.

BRASS HASPS AND STAPLES.



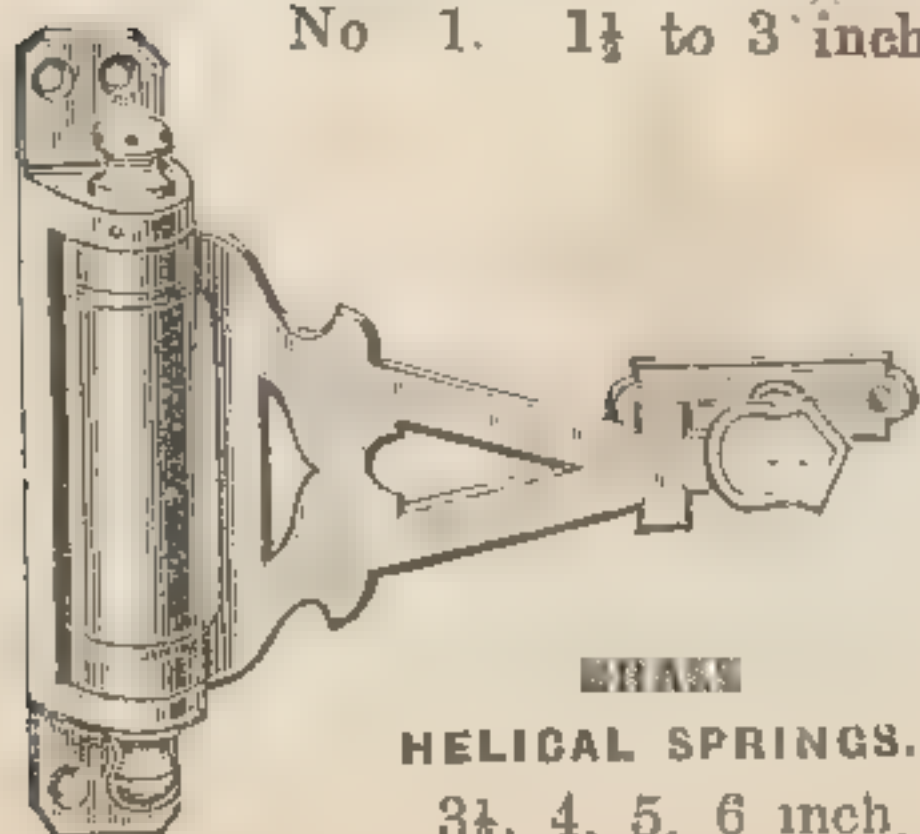
MARTINEAU'S
No 1. 1½ to 3 inch.



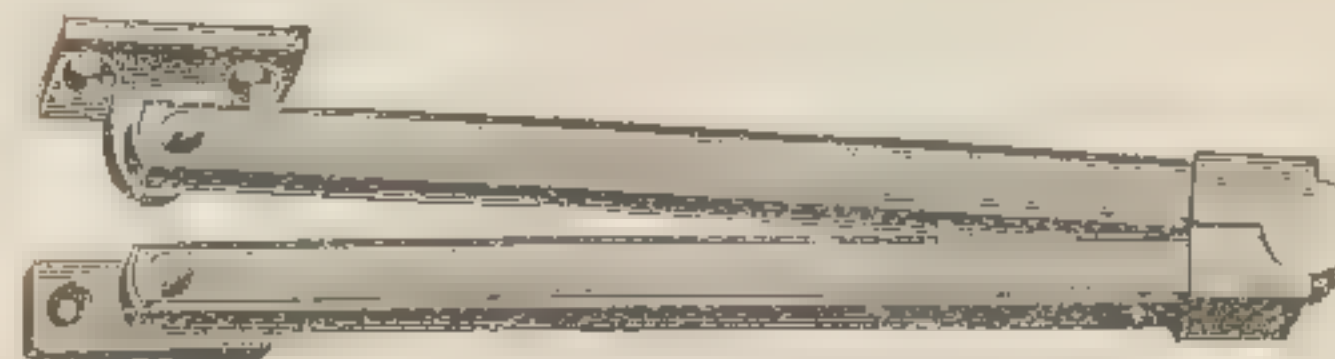
No. 2.
HEAVY BRASS. 6 and 8 inch.



No. 3.
6 and 8 inch.



BRASS
HELICAL SPRINGS.
3½, 4, 5, 6 inch.

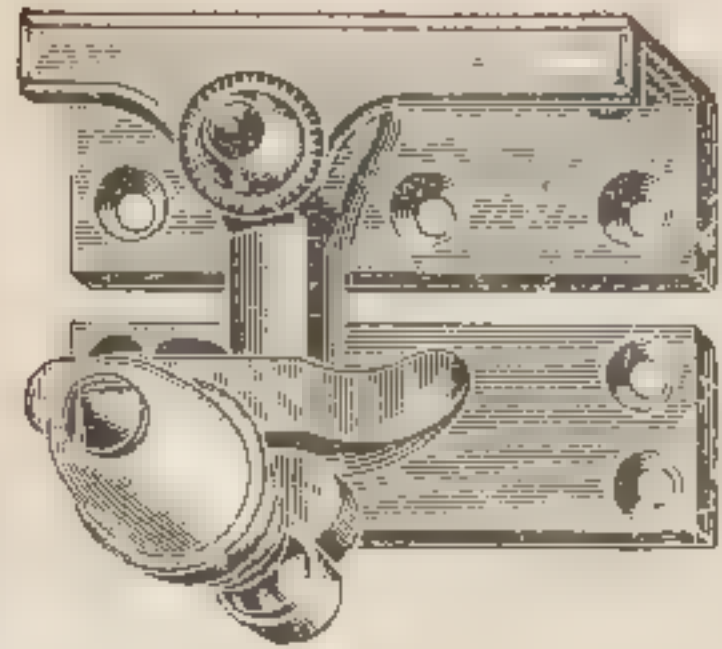


BRASS DECK STAYS.
4, 6 inch.

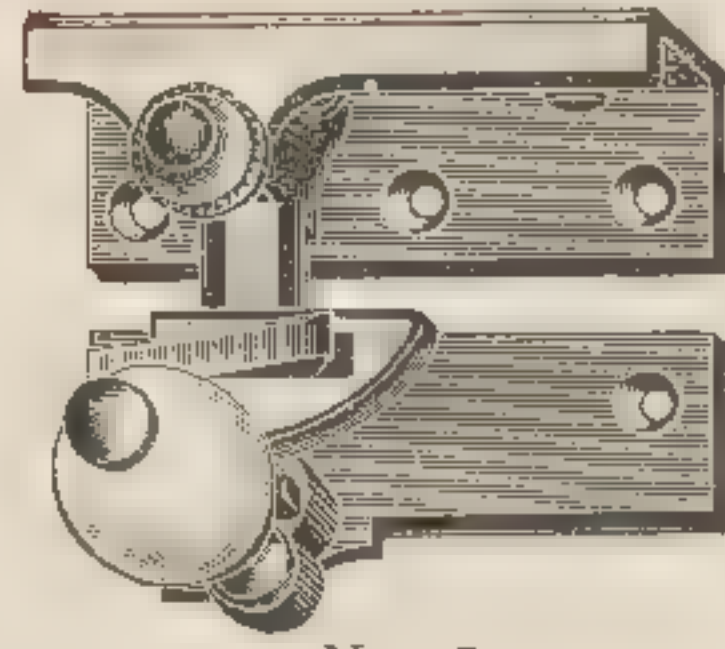


BRASS STAIR NOSING.
Also Checkered, various widths and lengths.

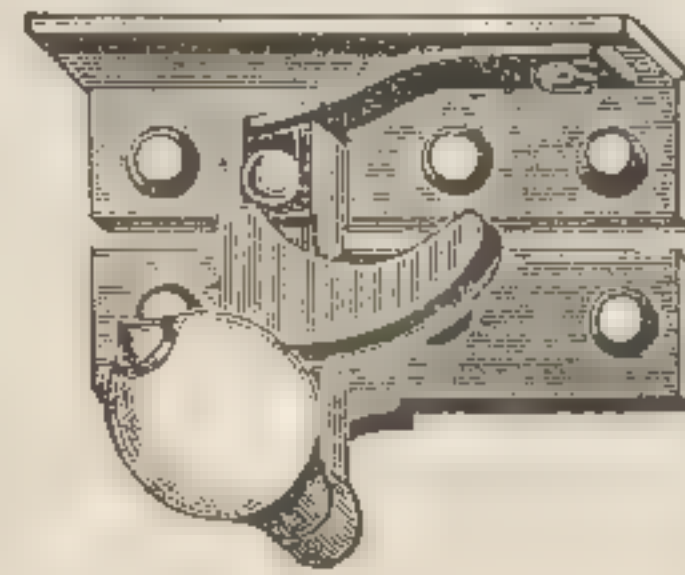
Sash Fasteners and Lifts.



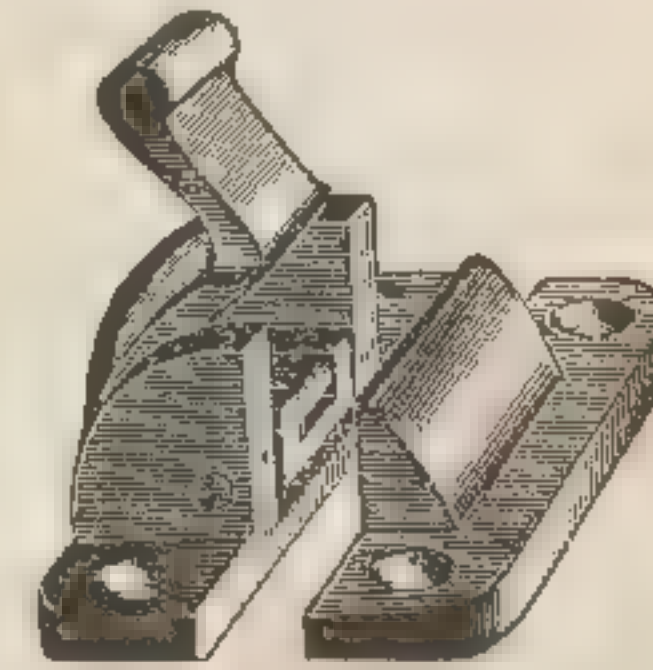
No. 1.



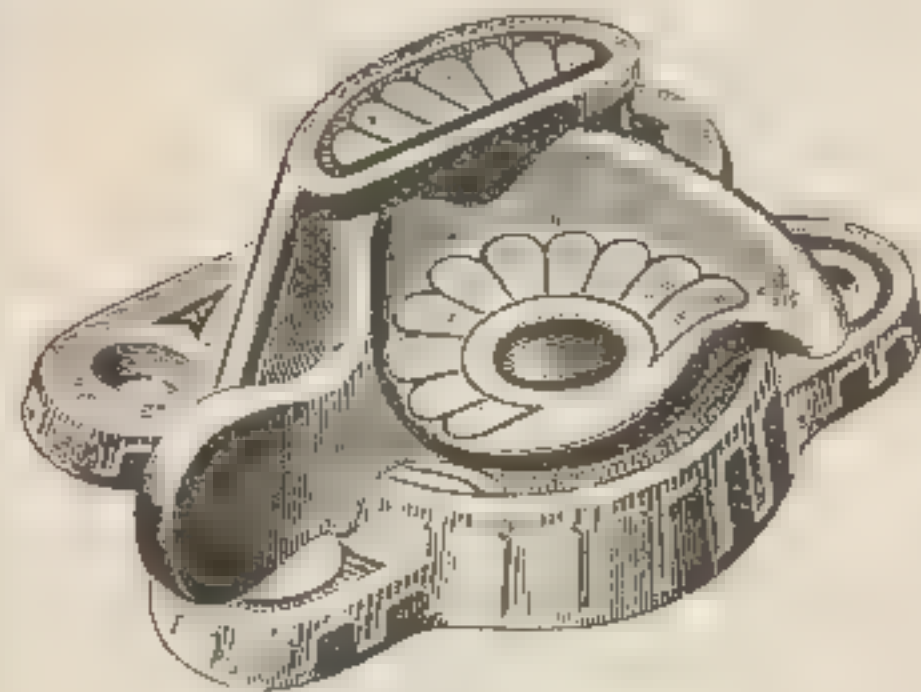
No. 2.



No. 3.



No. 4.



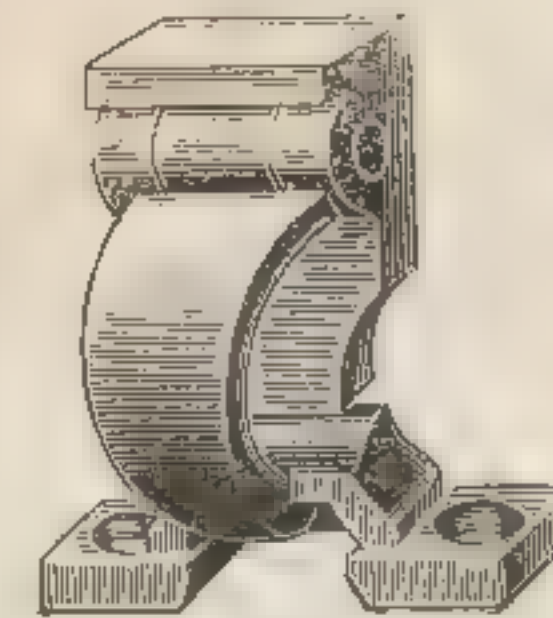
No. 5.
"THE FITCH," BRONZED IRON.



No. 6.
BRONZED STEEL.



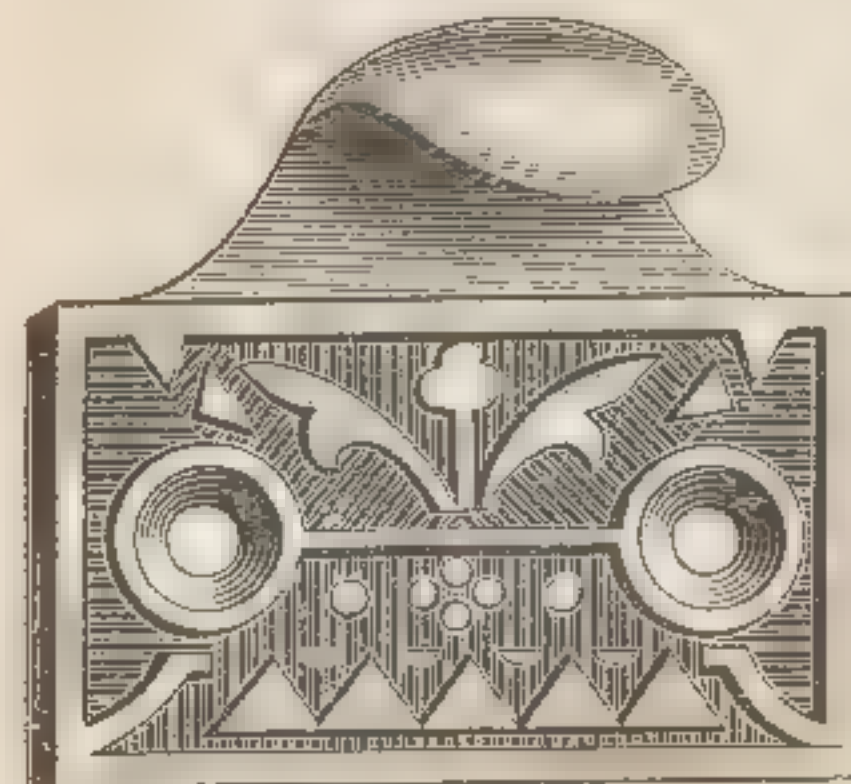
No. 7.
BRASS ANTIQUED,
also IRON DO



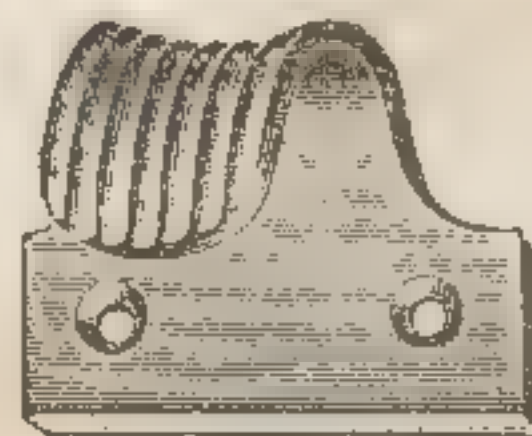
No. 8.
BRASS SASH LIFT AND
FASTENER COMBINED.



BRONZED IRON VENTILAT
ING SASH FASTENER.



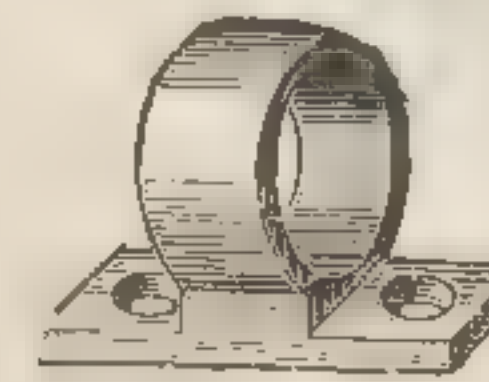
No. 1.
BRONZED IRON.



No. 2.
BRASS
AND ANTIQUED IRON.



No. 3.
BRASS.



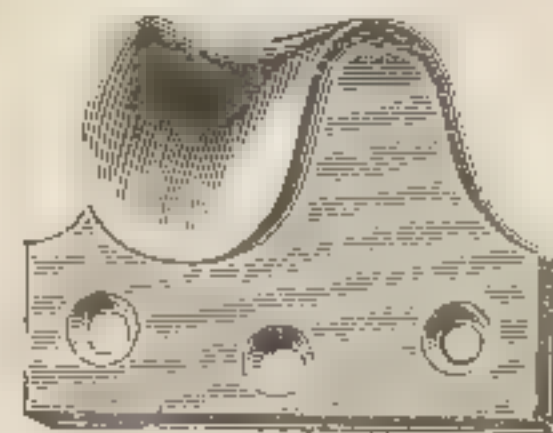
No. 4. BRASS.



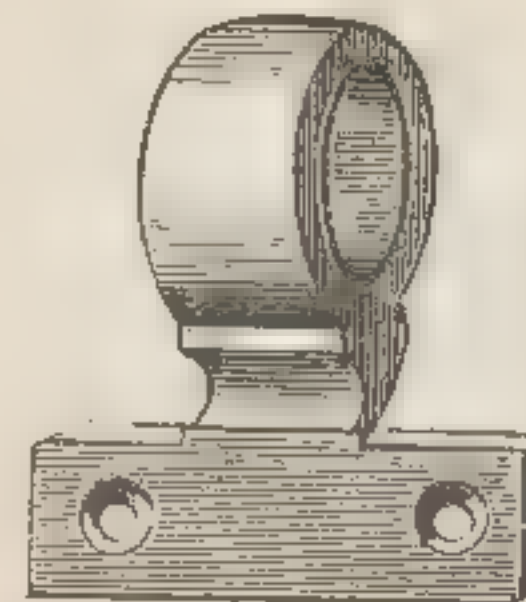
No. 5.
BRASS.



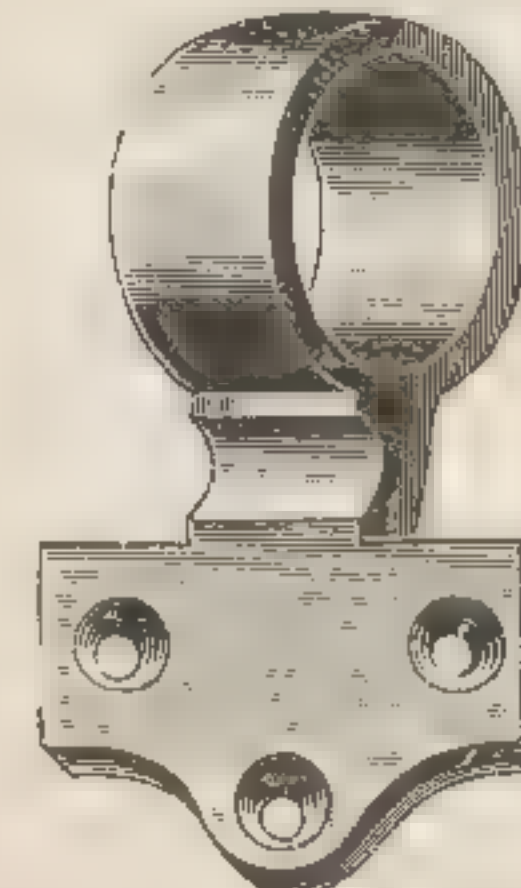
No. 6. BRASS.



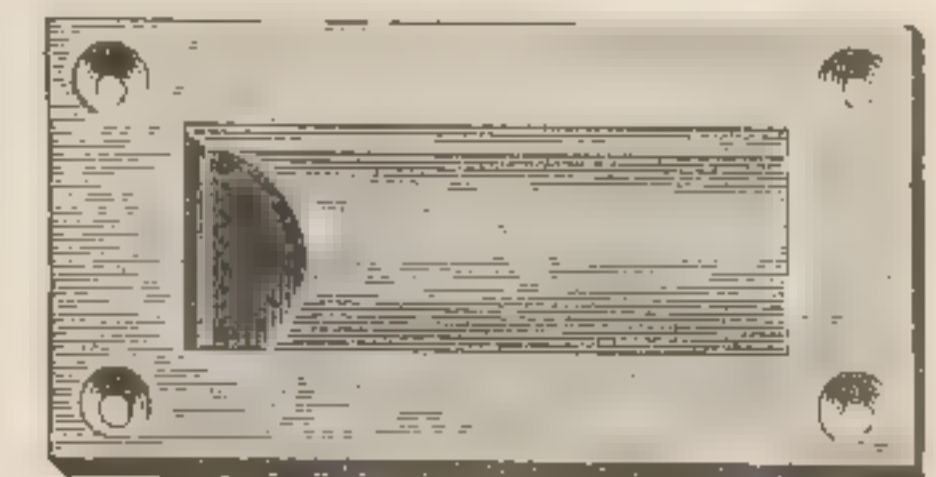
No. 7. BRASS.
Also, ANTIQUED IRON.



No. 8. BRASS.



No. 9. BRASS.



No. 10. FLUSH BRASS SASH LIFT

Brass Hinges.



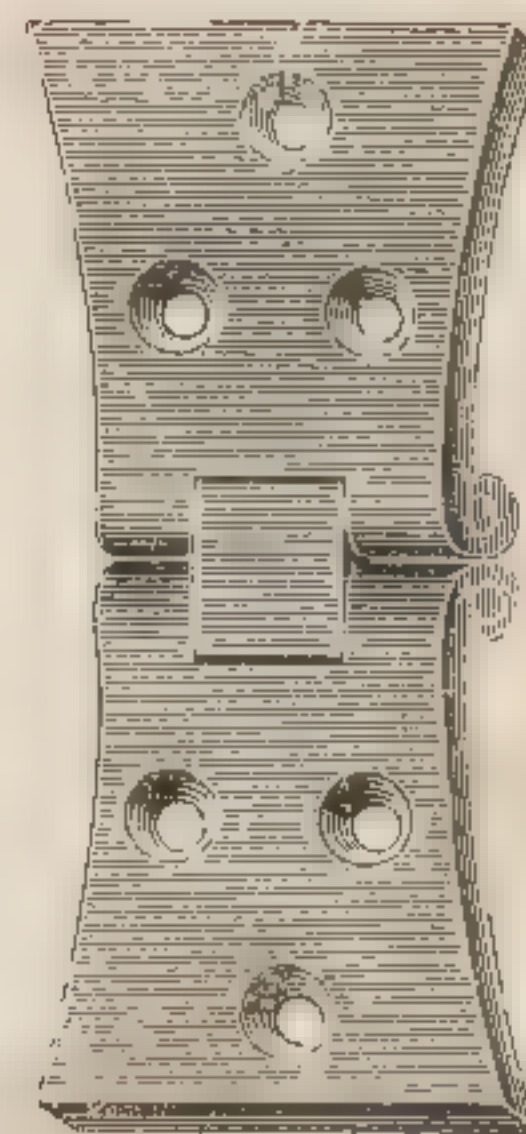
Various Weights and Widths.
 $\frac{1}{2}$ inch to 5 inch.



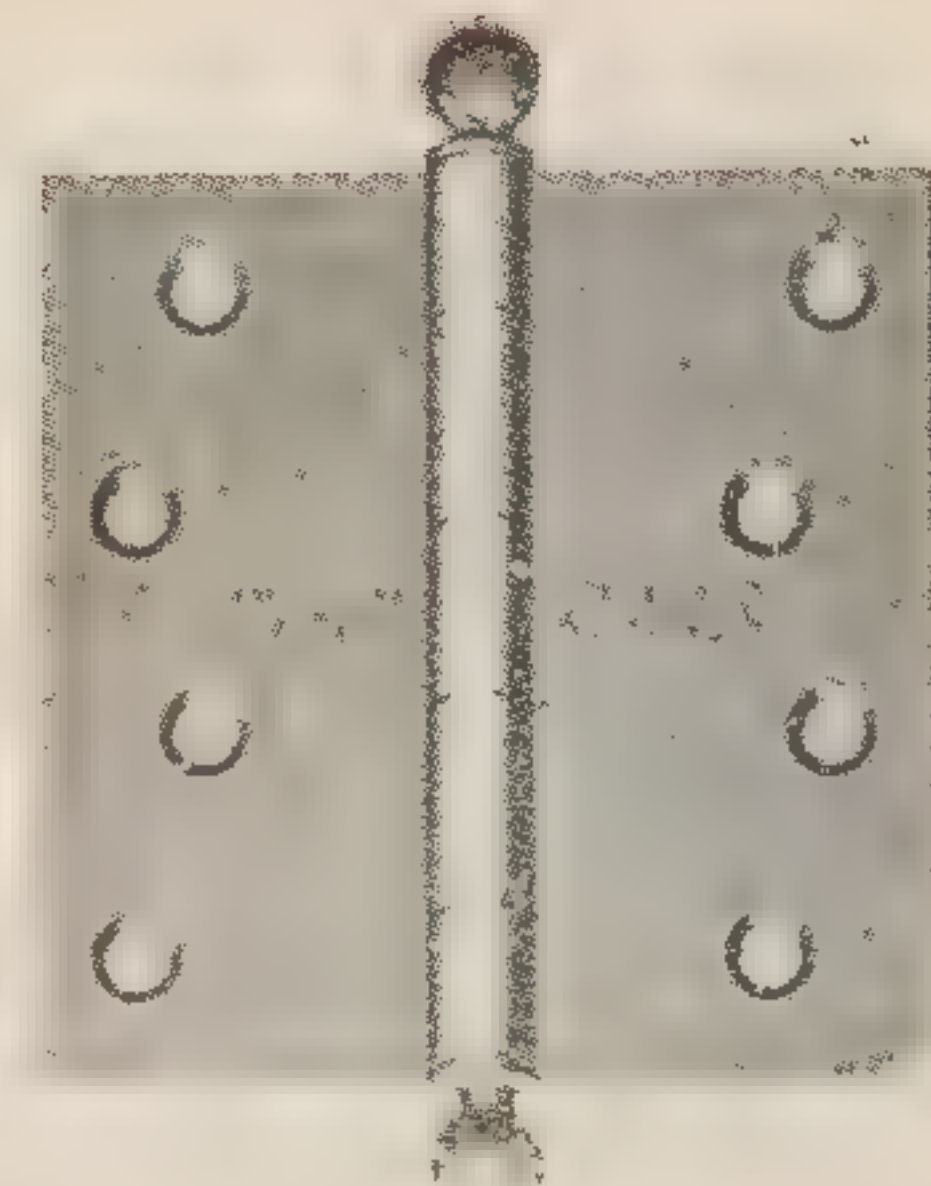
VVEX PATENT,
With Steel Washers,
4, 5 inch.



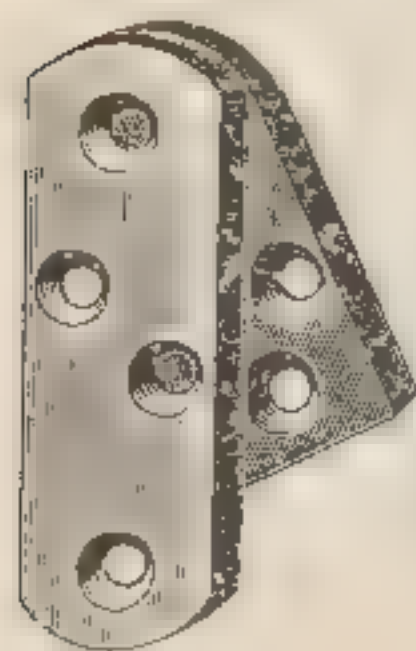
BACK FLAPS,
1 to 3 inch.



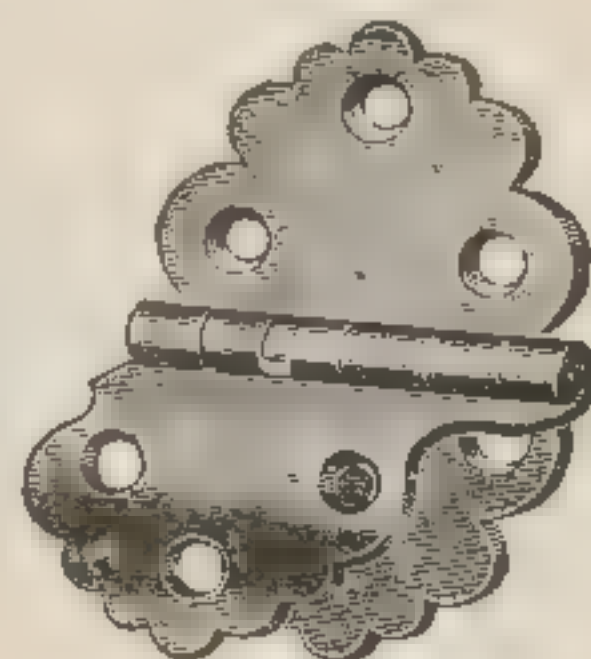
COUNTER HINGE.



BALL-TIPPED LOOSE PIN HINGES,
Antiqued Iron, Brassed Iron,
 $3\frac{1}{2} \times 3\frac{1}{2}$, 4×4 , 5×5 .
Also Ball Bearing.



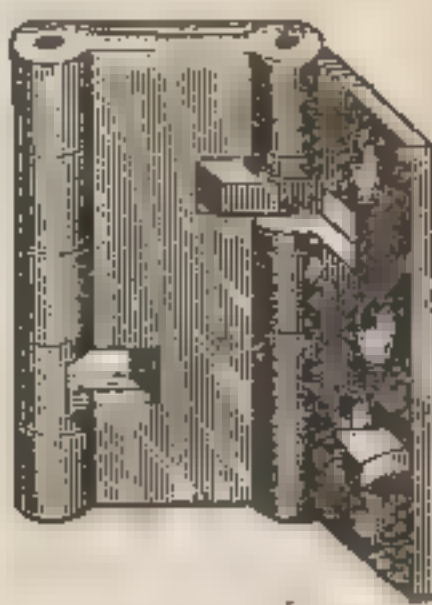
No. 1.



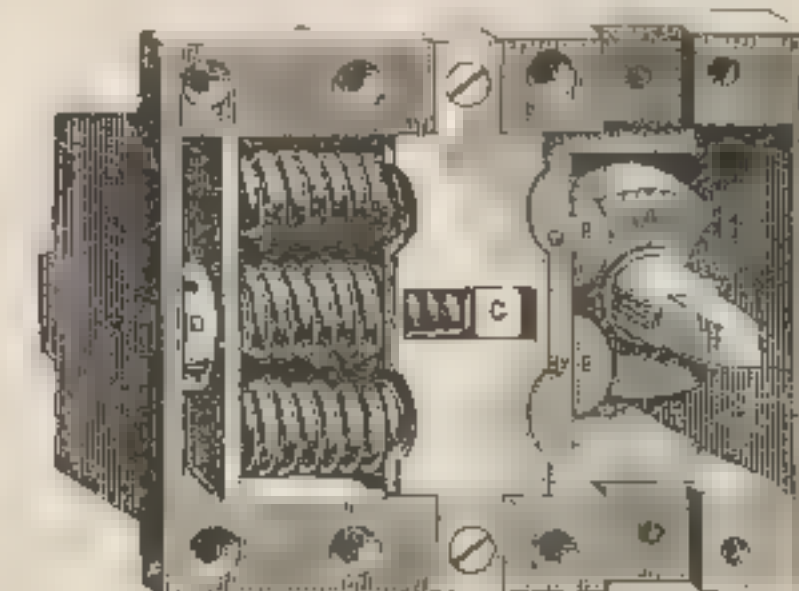
No. 2.
SEAT HINGES.



DOUBLE-ACTION SPRING HINGES.
In Iron and Brass, $3\frac{1}{2}$, 4, 5 inch.



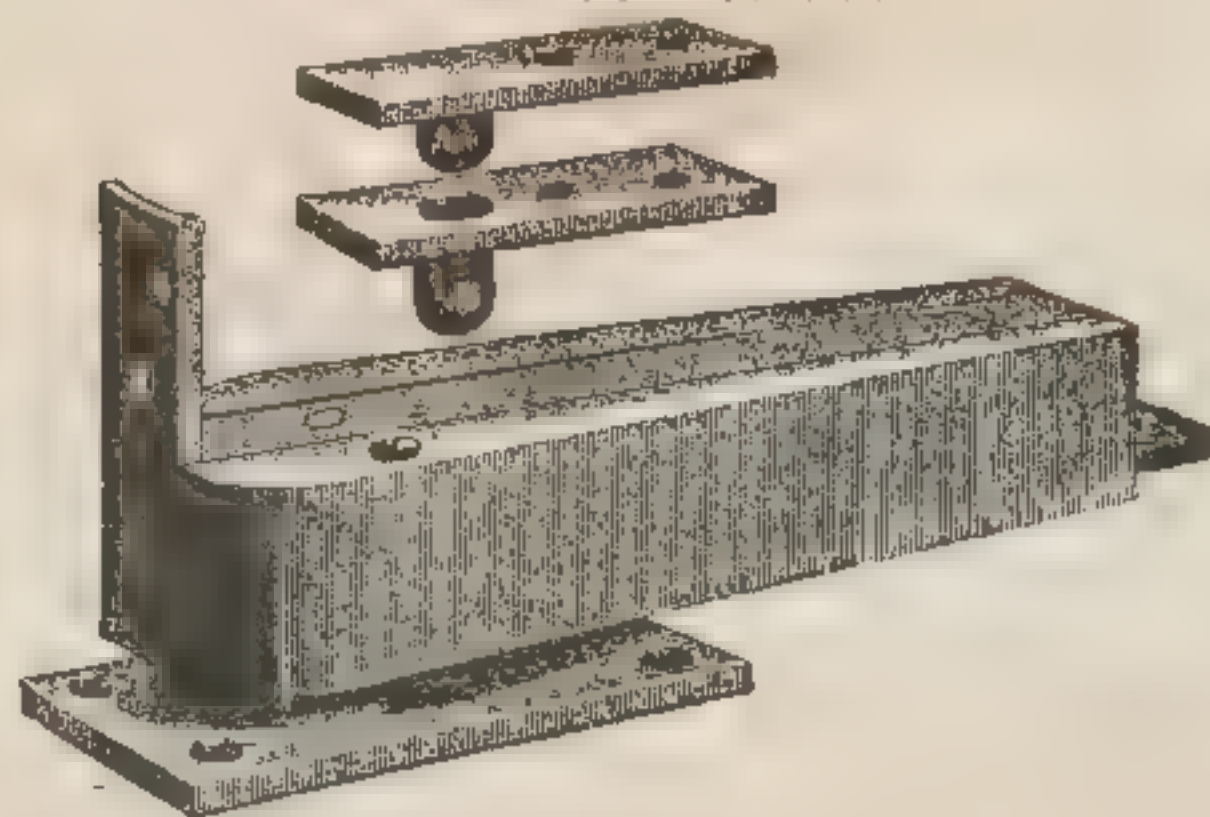
INVINCIBLE SPRING HINGE,
With Pneumatic Action, in two strengths,
with Shoes for Doors.
 $1\frac{1}{2}$, 2, $2\frac{1}{2}$ inch.



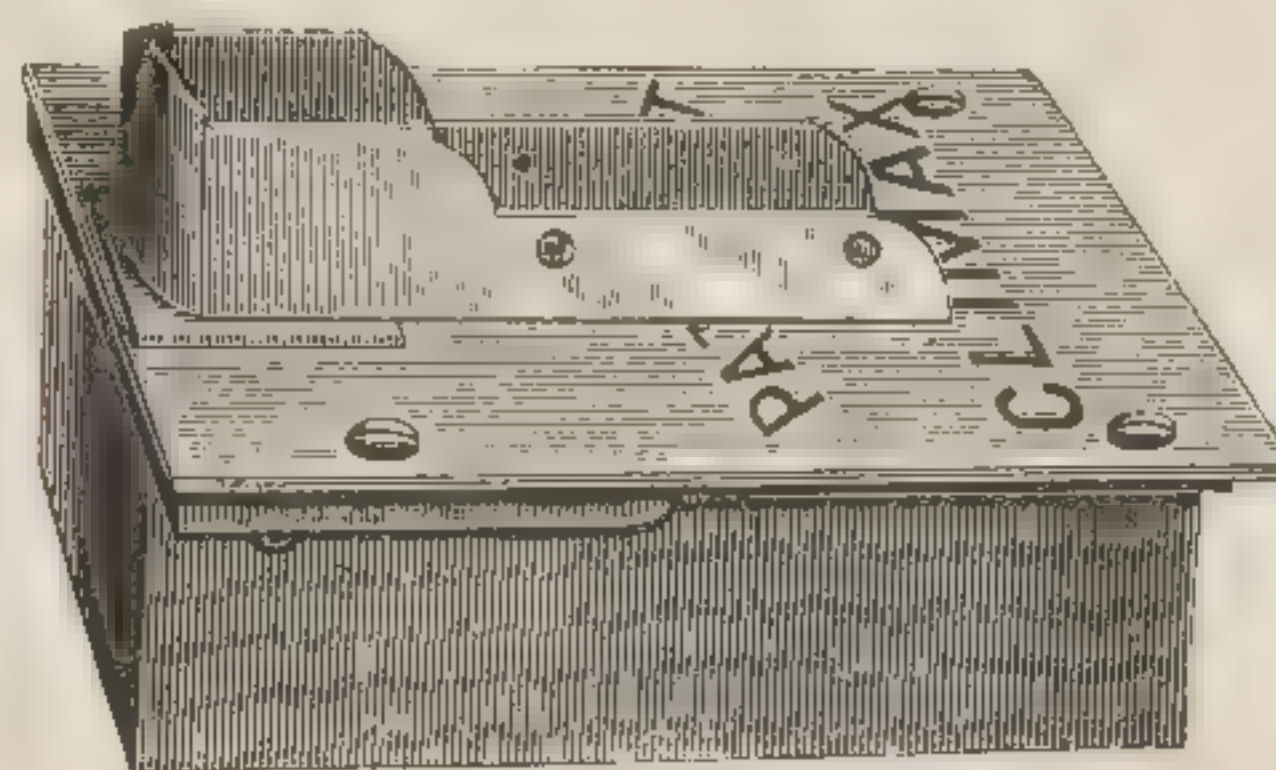
INVINCIBLE SPRING HINGE.
In three strengths, with Shoes
for Doors, $1\frac{1}{2}$, 2, $2\frac{1}{2}$ inch.



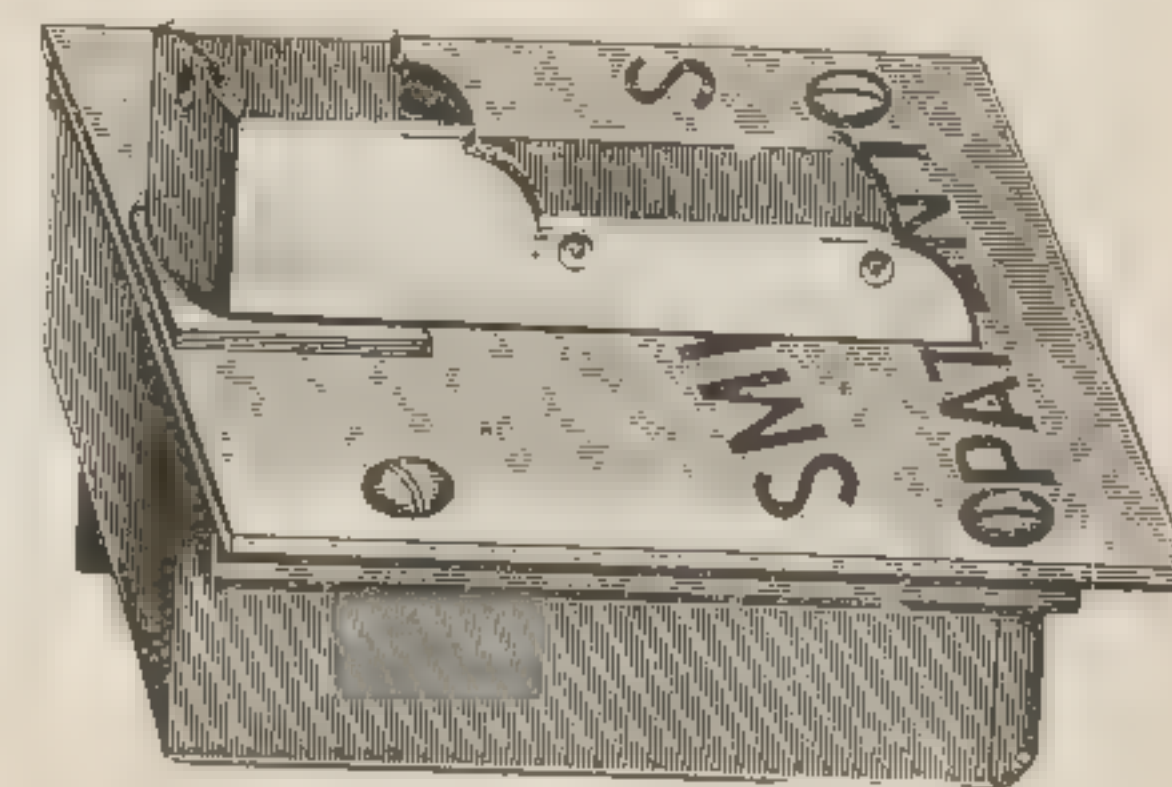
DESK HINGE.
3, 4, 5, 6 inch



SHELBY CHIEF SPRING HINGE.
 $1\frac{1}{2}$ inch.

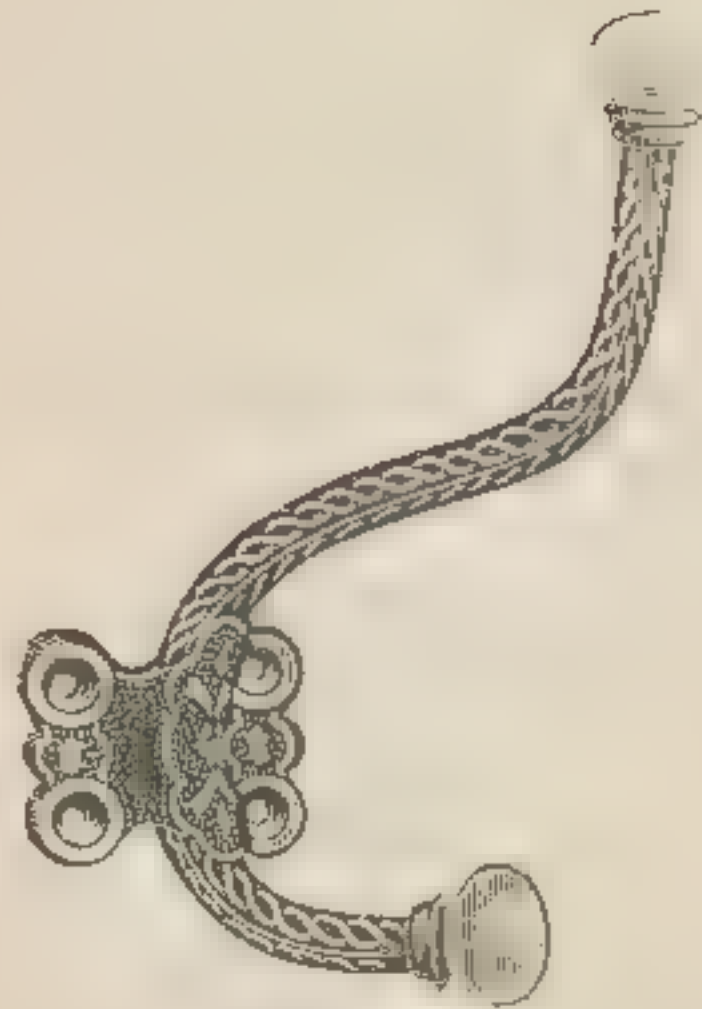


PATENT CLIMAX SPRING HINGE,
 $1\frac{1}{2}$ inch.

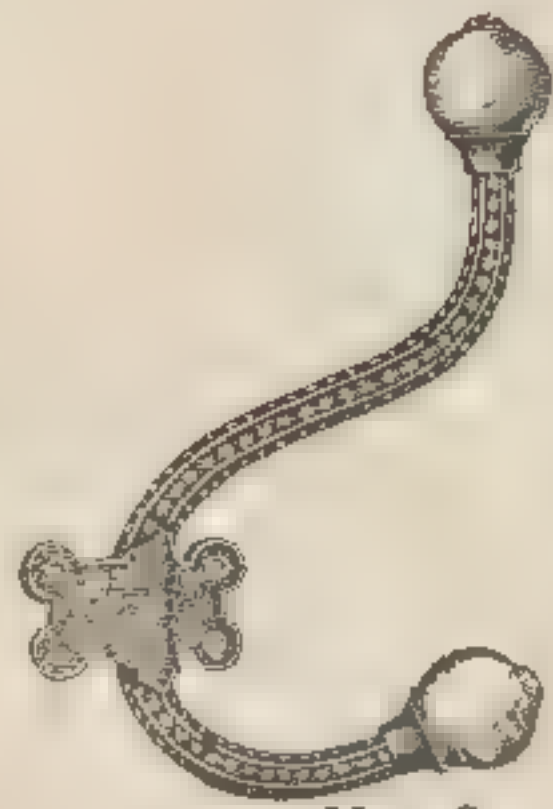


SMITH'S PATENT SPRING HINGE,
With Shoes to fit doors $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{2}$ inch,
three strengths, for Doors of various widths.

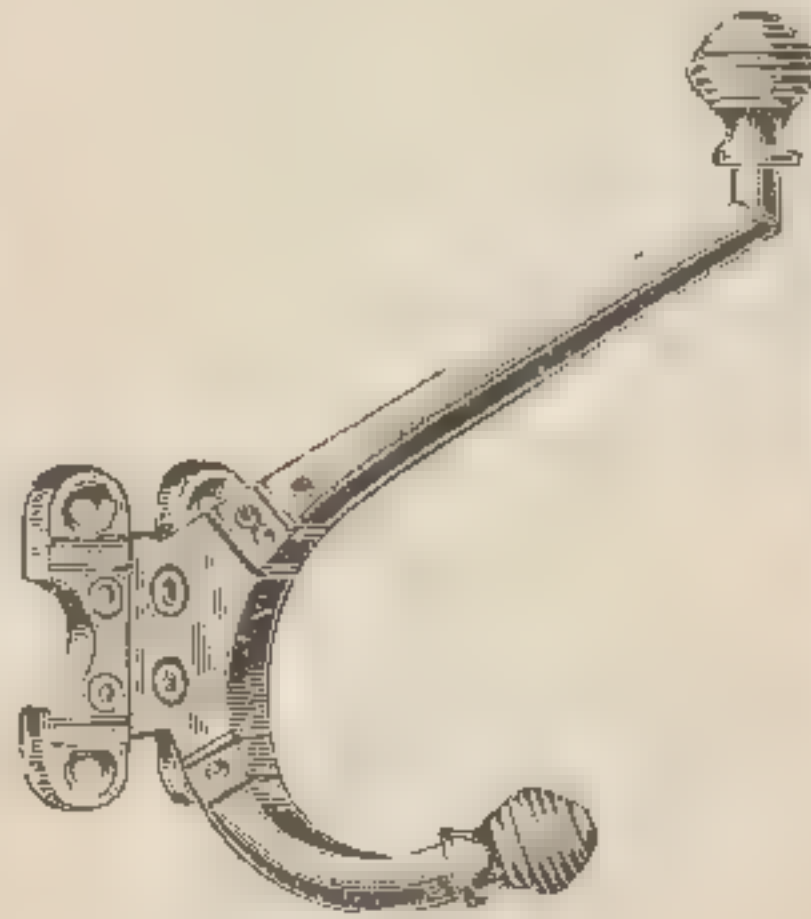
Hat and Coat Hooks.



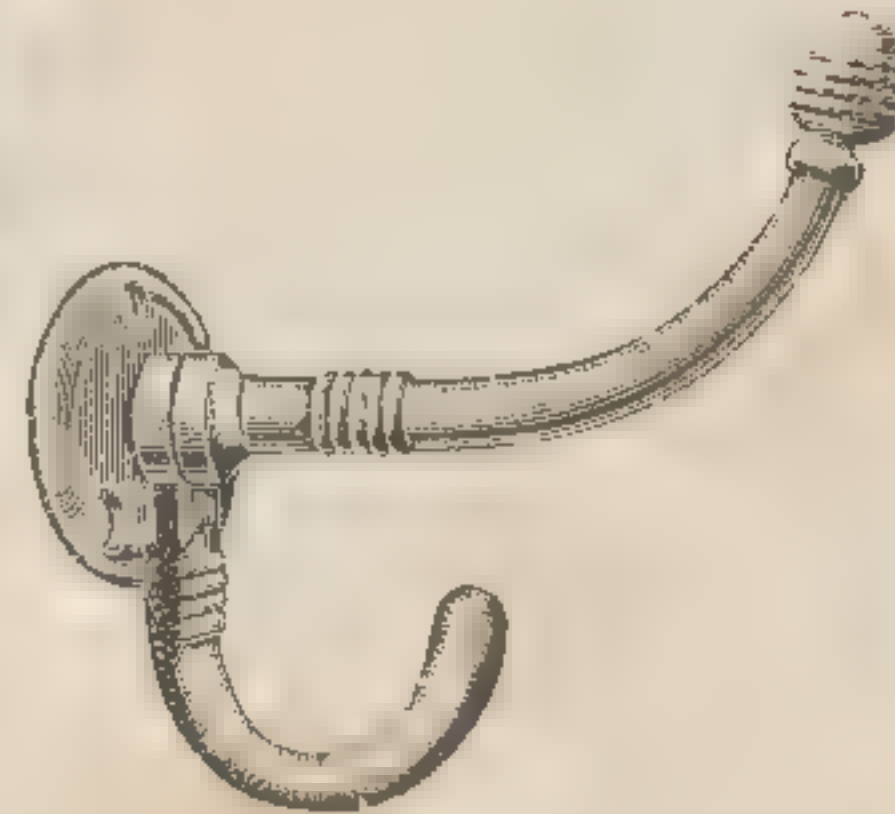
No. 1.
C.K. BRASS



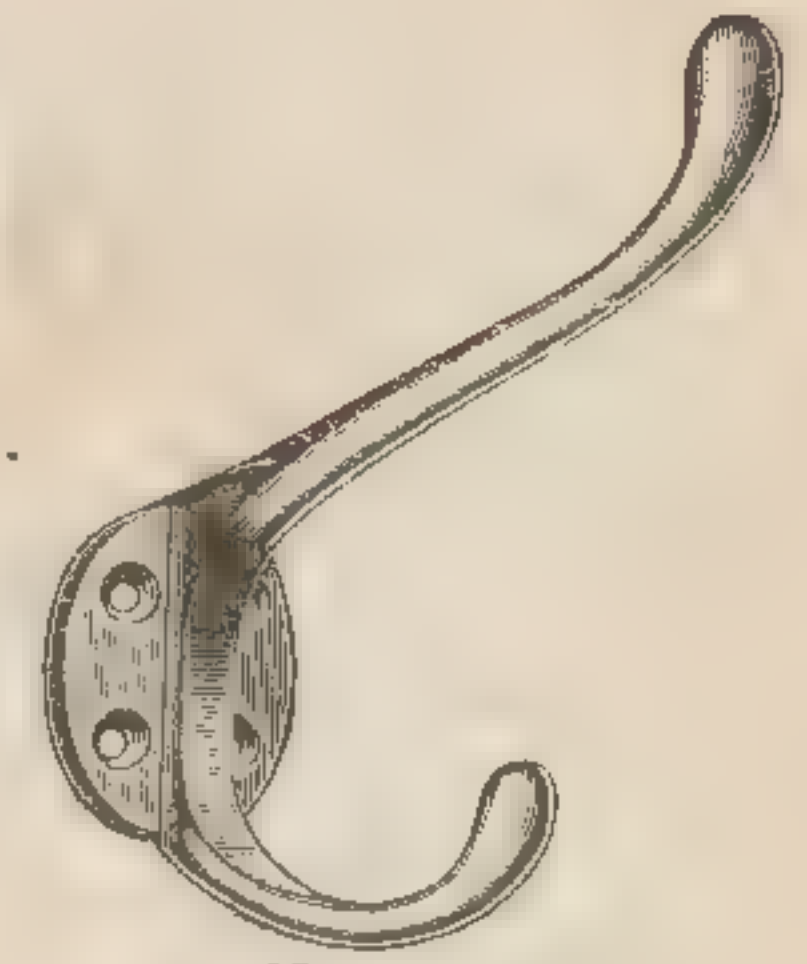
No. 2.
C.K. BRASS.



No. 3.
SOLID BRASS.



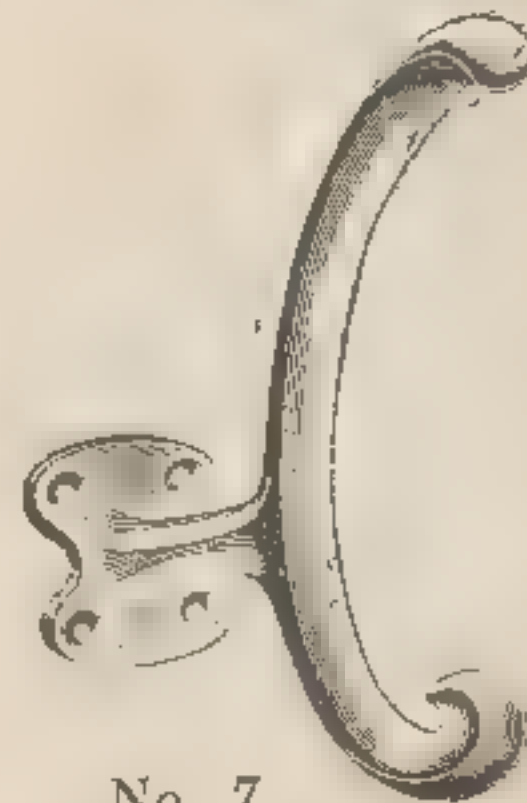
No. 4.
SOLID BRASS.



No. 5.
SOLID BRASS.



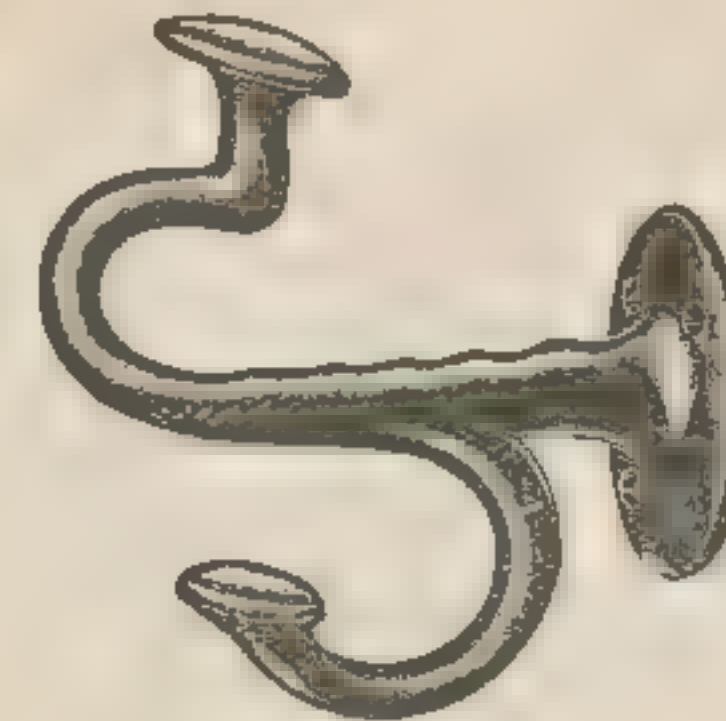
No. 6.
ANTIQUED IRON.



No. 7.
ANTIQUED BRASS.
Do. IRON.



No. 8.
ANTIQUED IRON.



No. 9.
ANTIQUED IRON



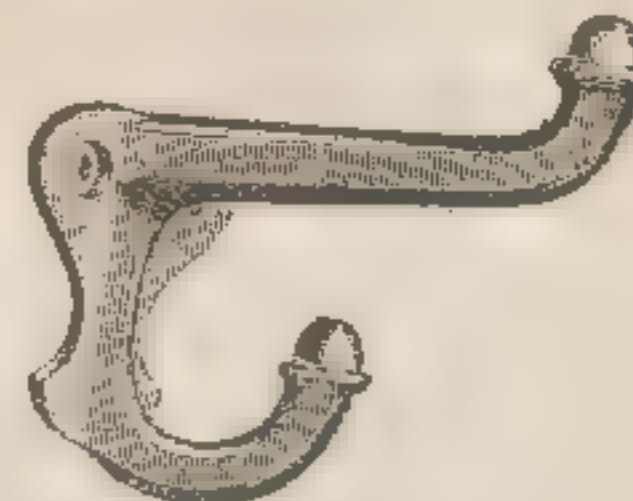
No. 10.
BRASSED AND
ANTIQUED IRON.



No. 11.
BRASS.



No. 12.
BRONZED IRON.



No. 13.
JAPANNED IRON.



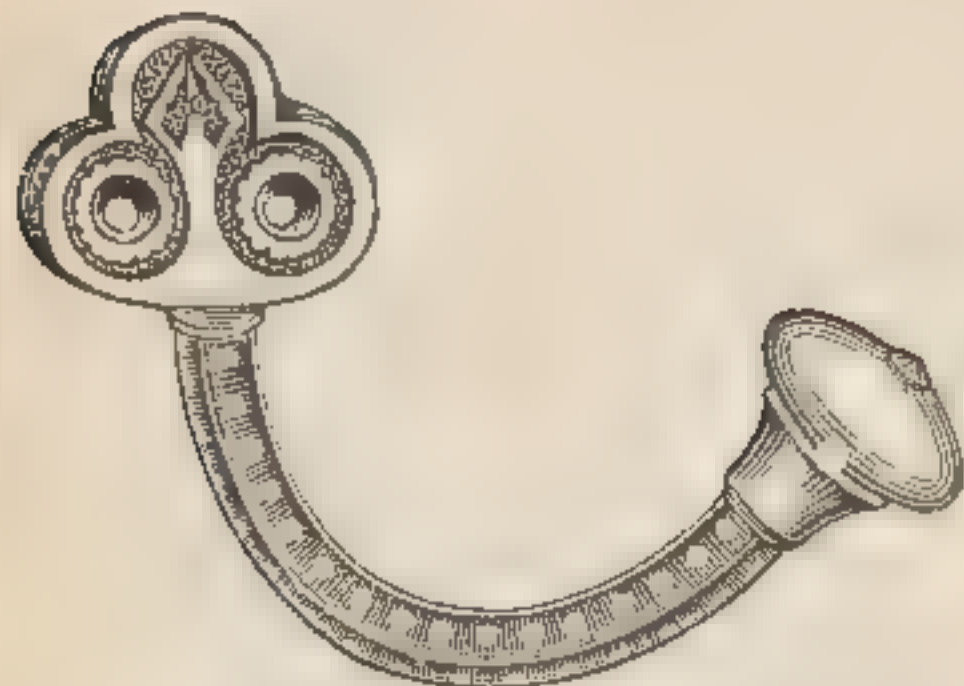
No. 14.
JAPANNED IRON.
2 Sizes.



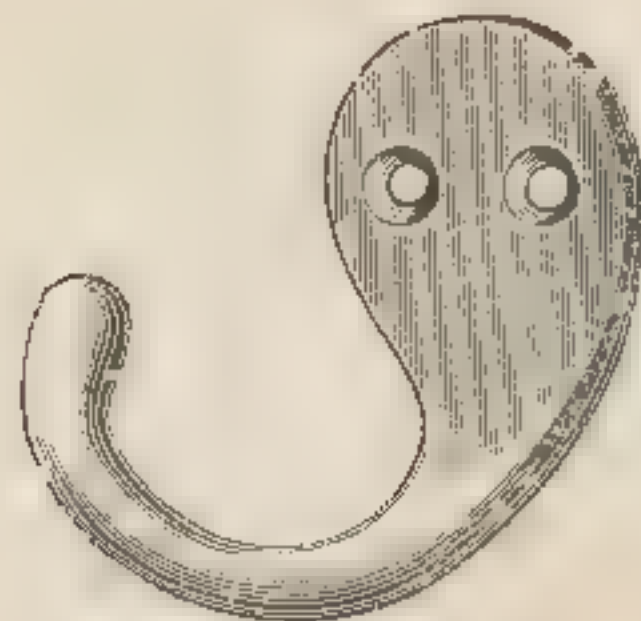
No. 15.
THE GEM JAPD. WIRE.
3 Sizes.

BRASS HOOKS CAN
BE SUPPLIED,
NICKEL PLATED.
OR ANY FINISH
WANTED

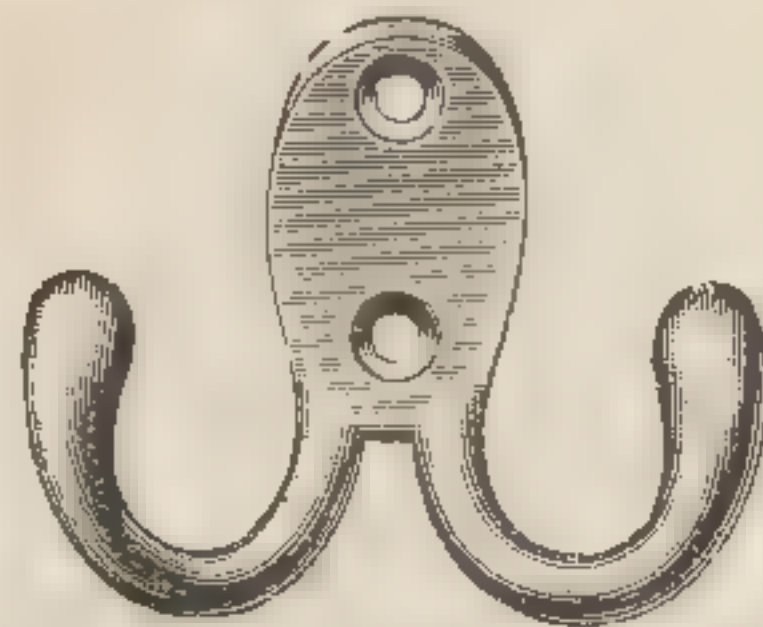
Hooks, Various.



O.K. BRASS WARDROBE HOOK.



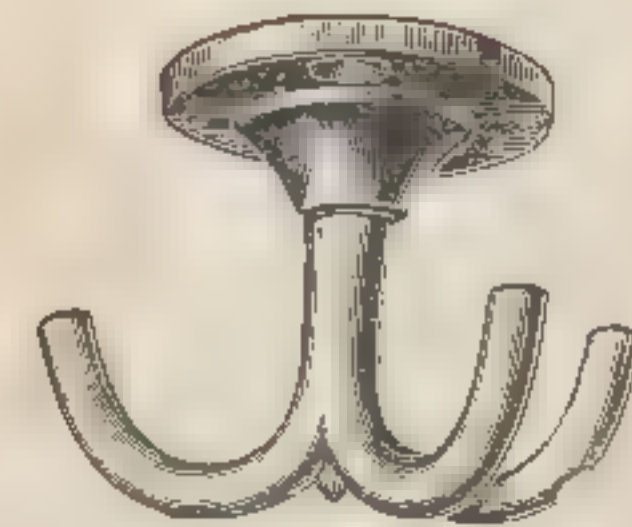
BRASS WARDROBE HOOK.



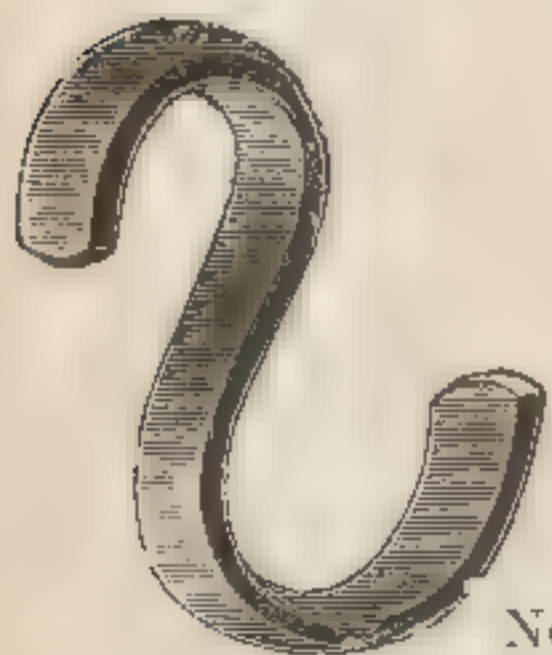
DOUBLE BRASS WARDROBE HOOK.



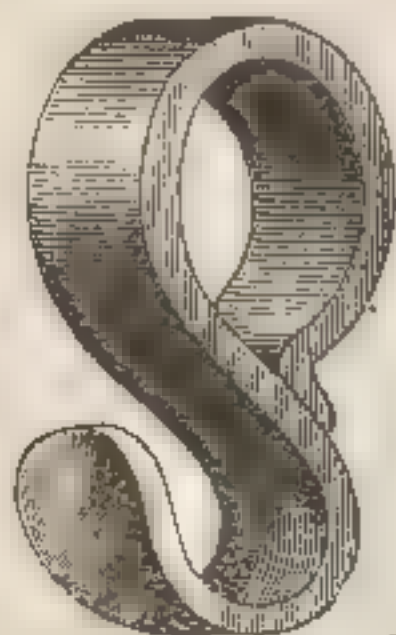
BRASS REVOLVING WARDROBE HOOK.
2 and 4 Hooks.



BRASSED REVOLVING WARDROBE HOOK.



No. 1.



No. 2.

BRASS PICTURE ROD HOOKS,
 $\frac{5}{8}$, $\frac{3}{4}$, 1 inch.



No. 1

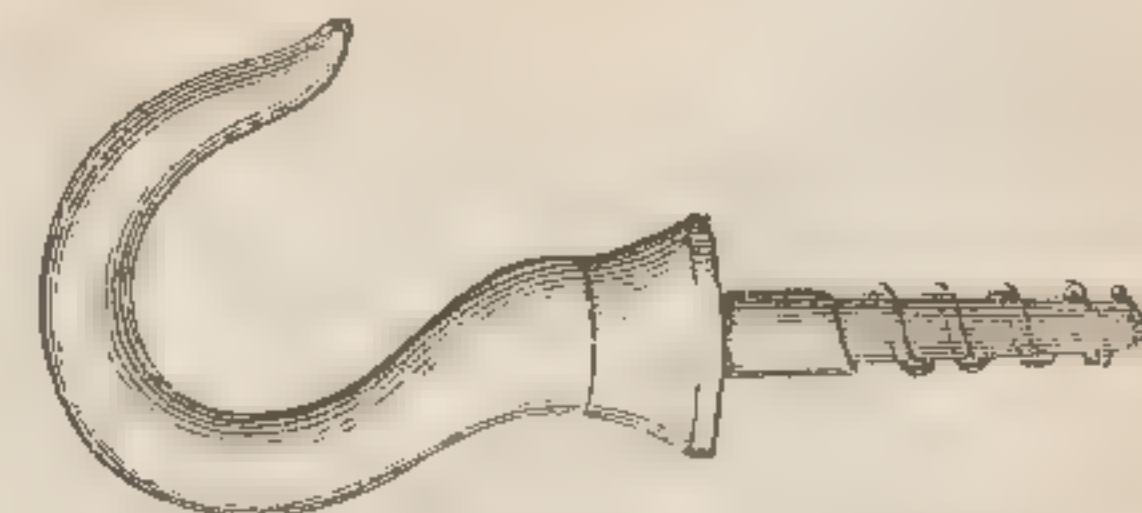


No. 2.

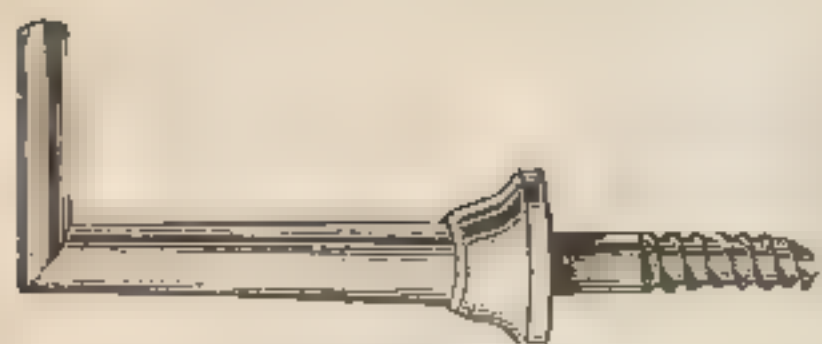


No. 3

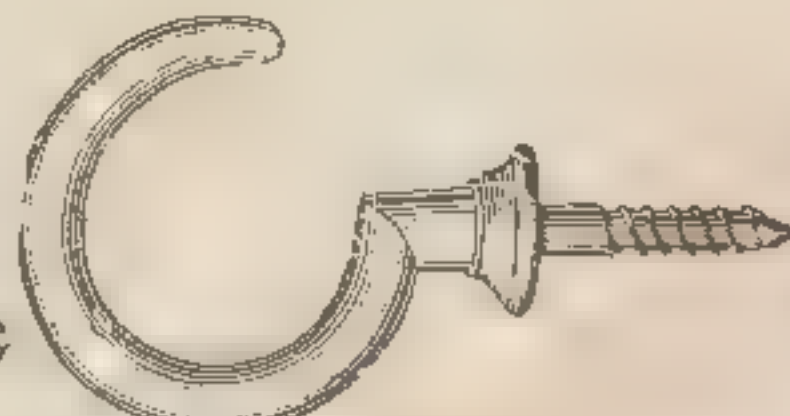
BRASS MOULDING HOOKS.



BRASS LAMP HOOK (with Rose)
2 to 4 inch.



SCREW HOOK.
Brassed, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ inch.



CUP HOOK.
Brassed, $\frac{3}{4}$ to 2 inch



No. 1



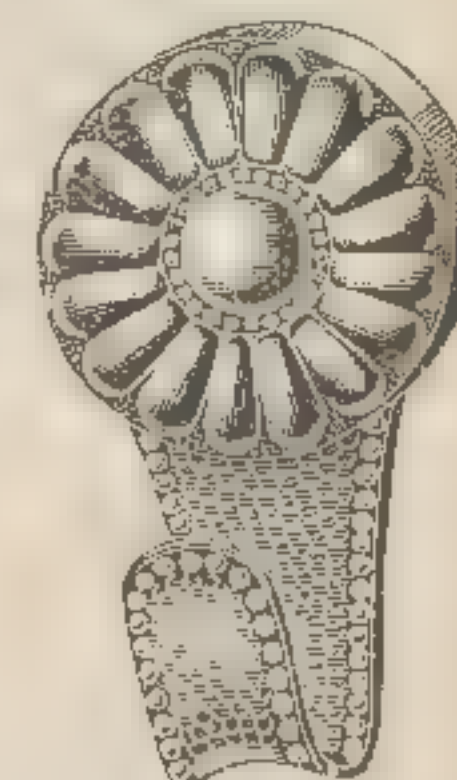
No. 2



No. 3.

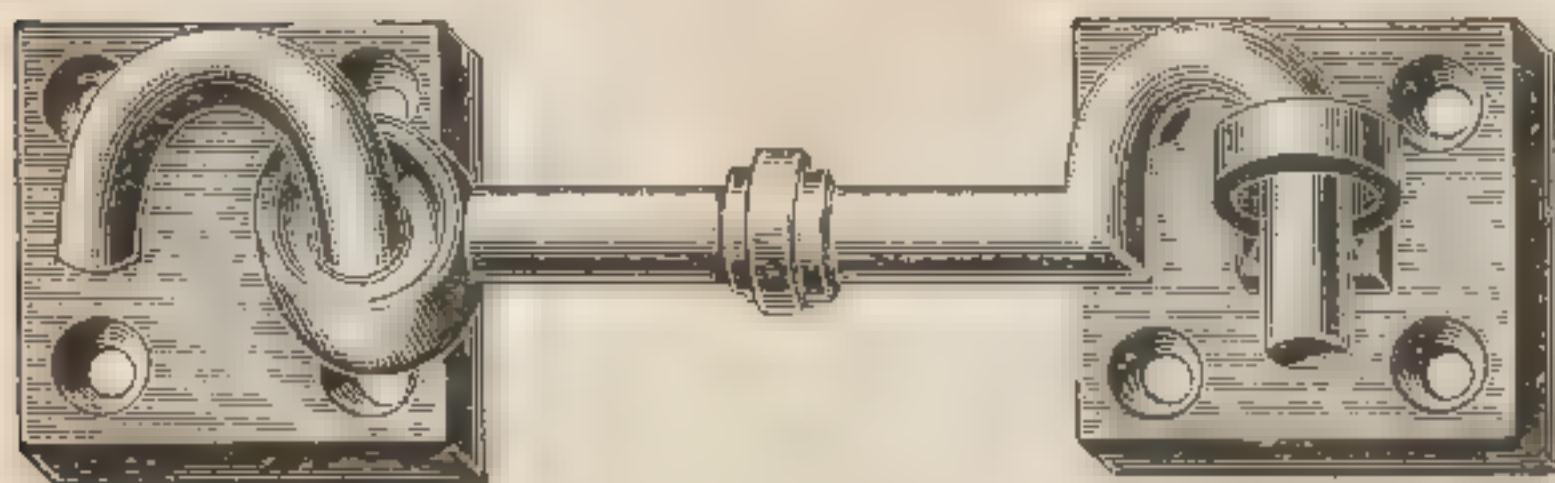


No. 4.



No. 5
Requires 1 na 1.

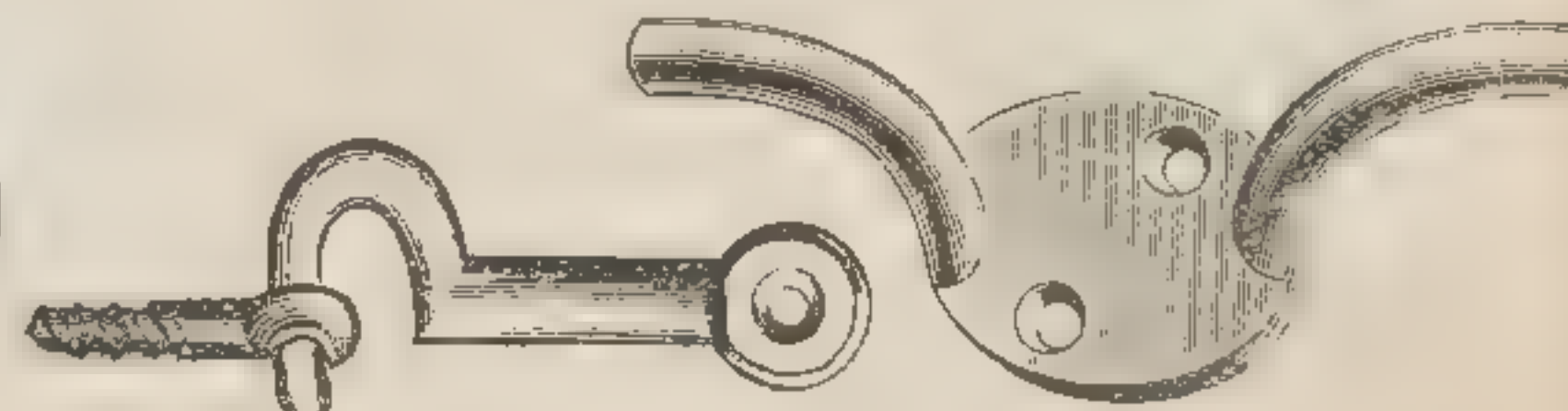
BRASS PICTURE HANGERS.
To fasten to Wall with Pins Various Designs.



HEAVY BRASS CABIN HOOK,
3 to 8 inch.



CABIN HOOK.
Brass, various weights, 1 $\frac{1}{2}$ to 10 inch



BRASS BED HOOK & EYE.
1 to 3 inch.

BRASS CLEAT HOOK.

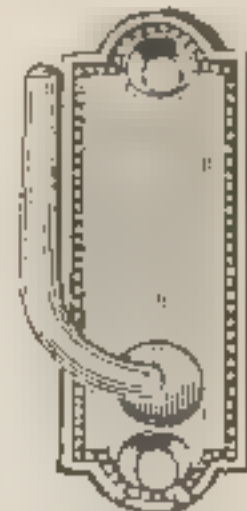
Hooks (Continued).—Knobs and Turns.



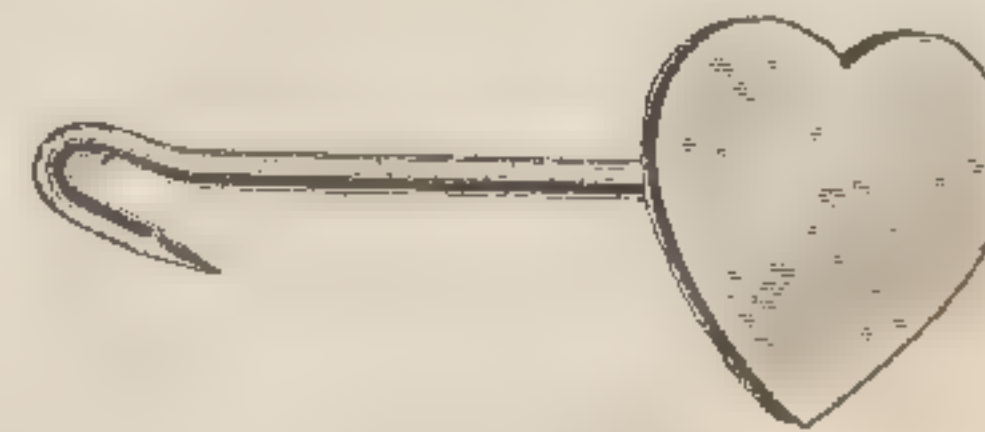
CORD HOLDER.



No. 1.
TASSEL HOOK.
Various Designs.



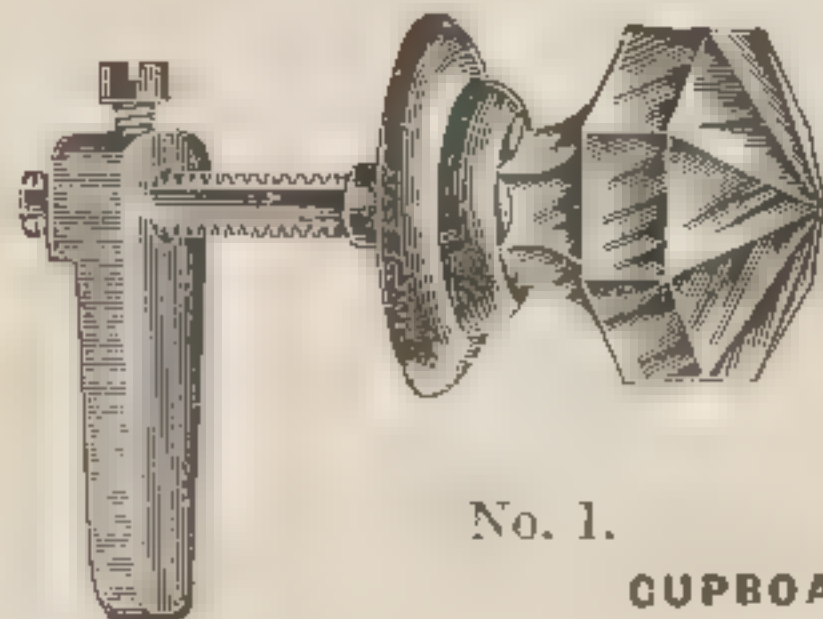
No. 2.
TASSEL HOOK.



APRON HOOK.

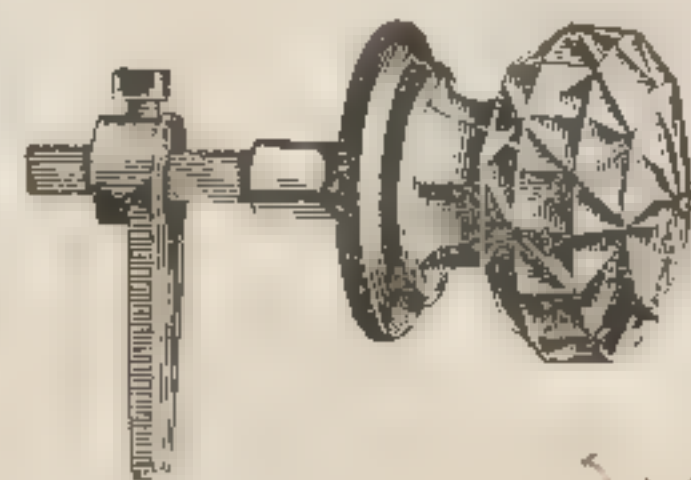


BEDSTEAD KNOB.
1½ to 2½ inch.

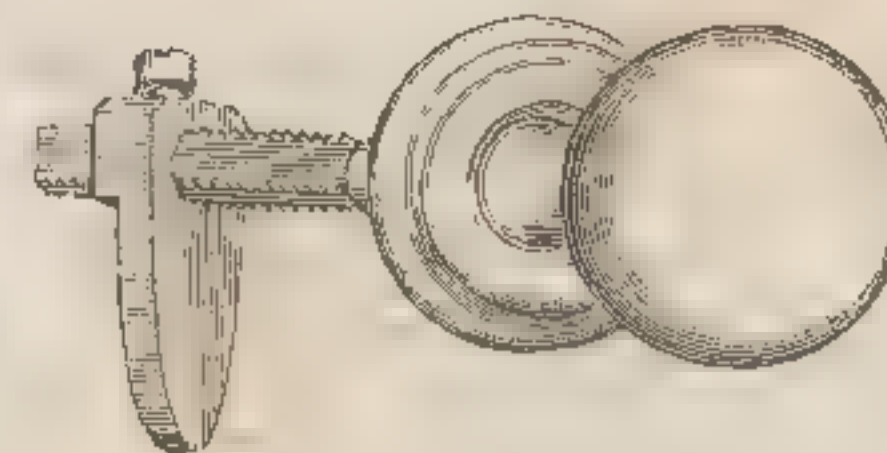


No. 1.
CUPBOARD TURN.

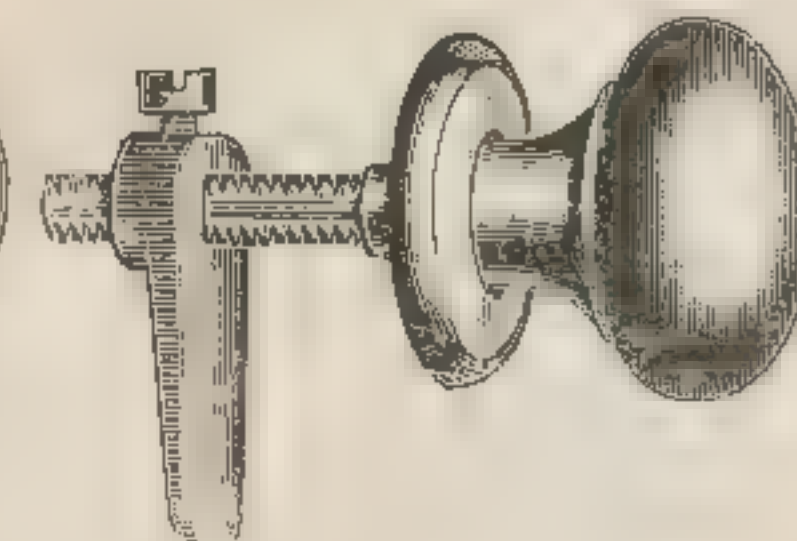
Crystal and Amber, cut and Moulded. 1¼, 1½ inch.



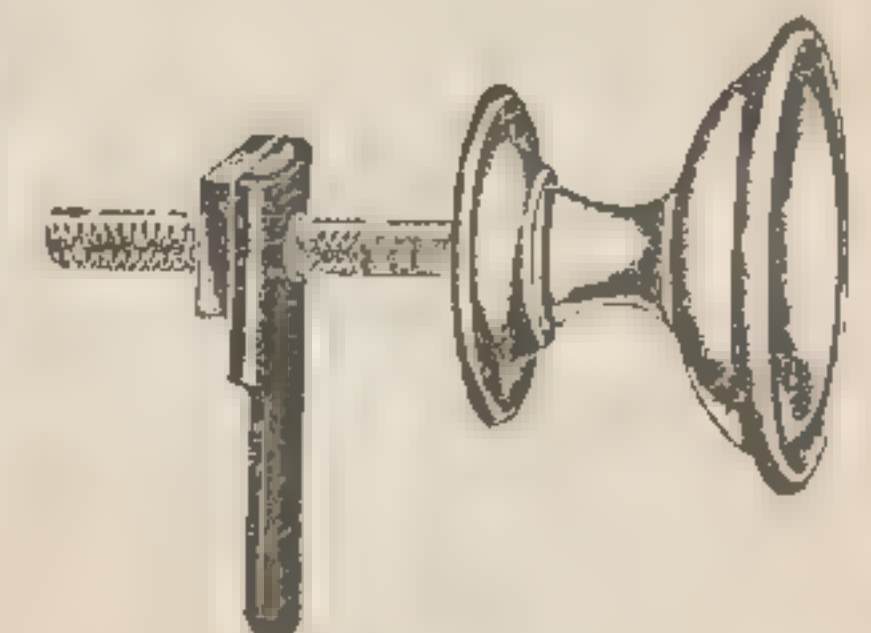
No. 2.



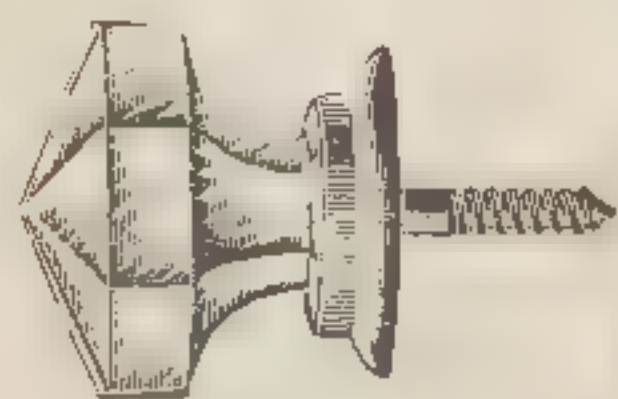
CHINA CUPBOARD TURN,
1¼ inch.



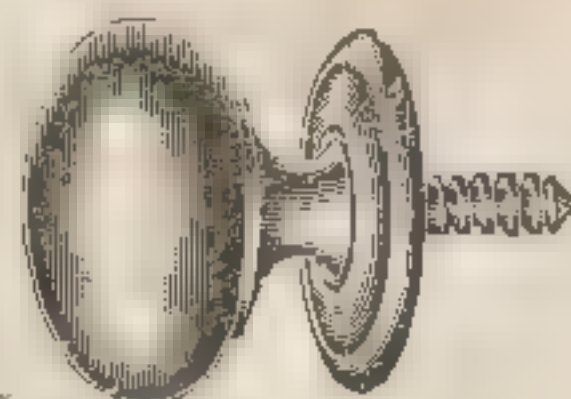
BRASS CUPBOARD TURN.
1¼, 1½ inch.



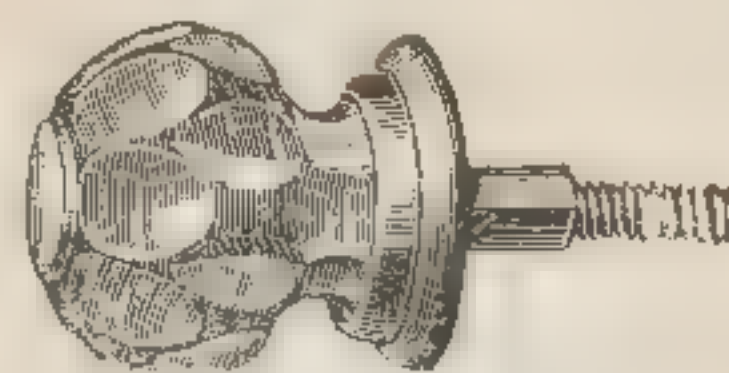
CUPBOARD TURN
(Oval).



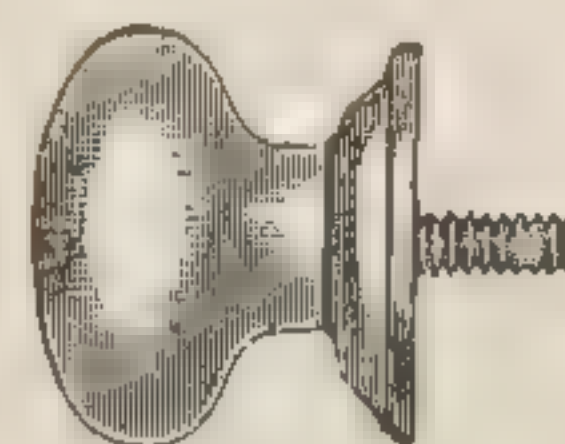
GLASS SHUTTER KNOB.
1½ inch.



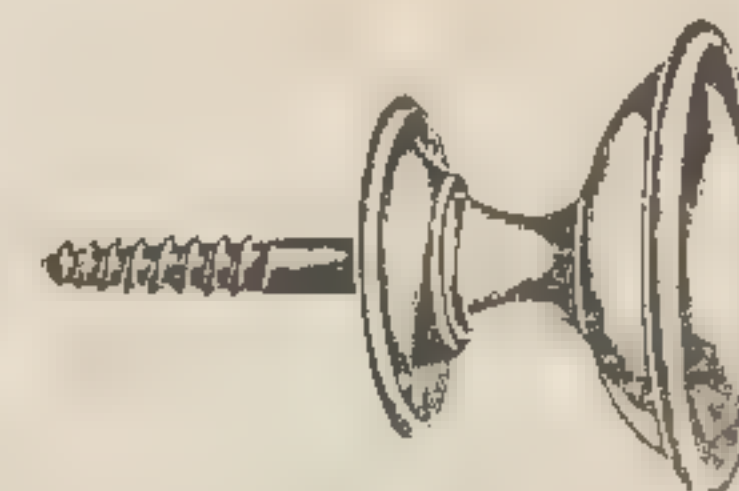
BRASS SHUTTER KNOB.
1¼, 1½, 1½ inch.



GLASS SHUTTER KNOB.
Crystal and Amber, 1½ inch.



CHINA SHUTTER KNOB.
1, 1¼, 1½ inch.



OVAL BRASS SHUTTER KNOB.



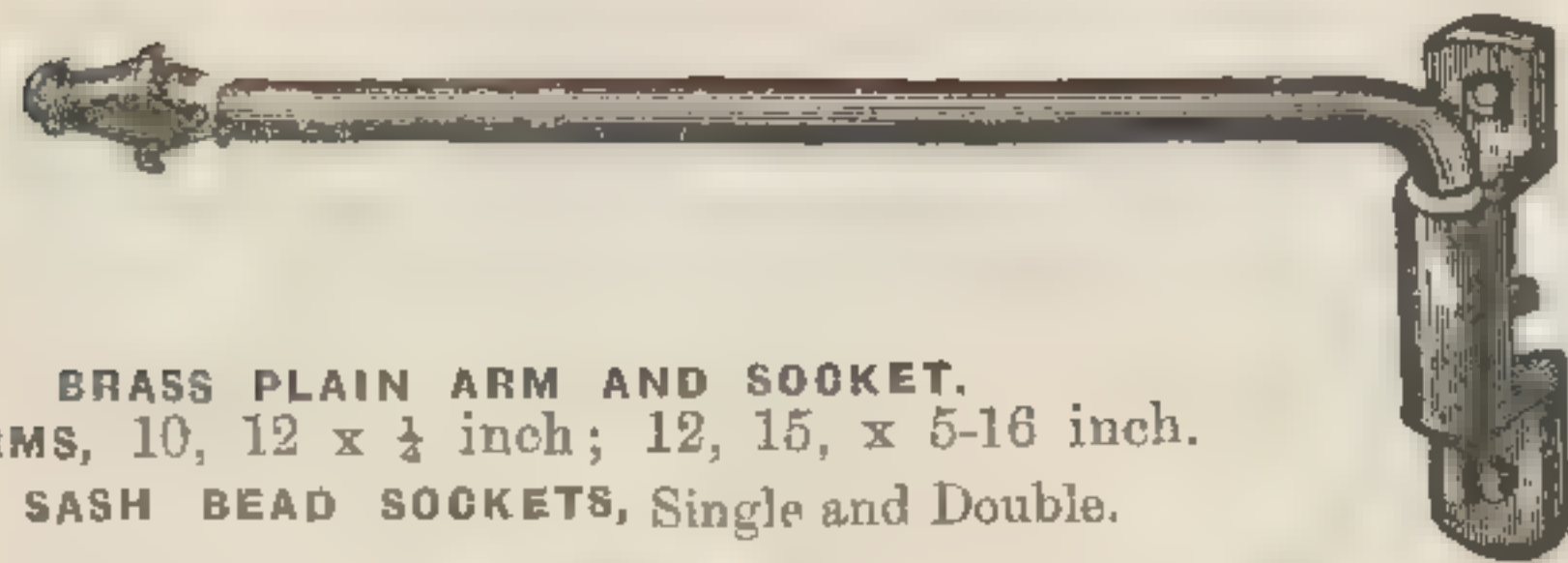
DRAWER KNOB.
Imitation Mahogany,
Sycamore. 1 to 2½ inch.

ASHPAN KNOBS, CHINA AND BRASS.

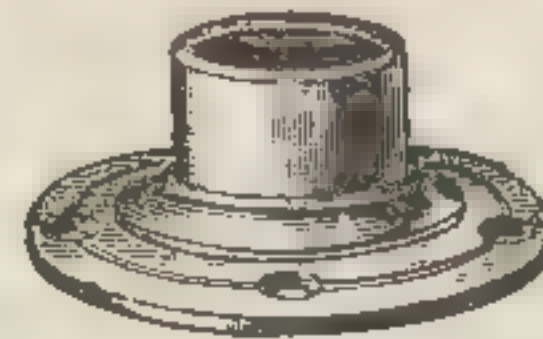
Roofing Felt. Expanded Metal Lathing.

PARTICULARS ON APPLICATION.

Window Fittings and Sundries.



BRASS PLAIN ARM AND SOCKET.
ARMS, 10, 12 x $\frac{1}{4}$ inch; 12, 15, x 5-16 inch.
SASH BEAD SOCKETS, Single and Double.



TOP AND BOTTOM SOCKET.
 $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.



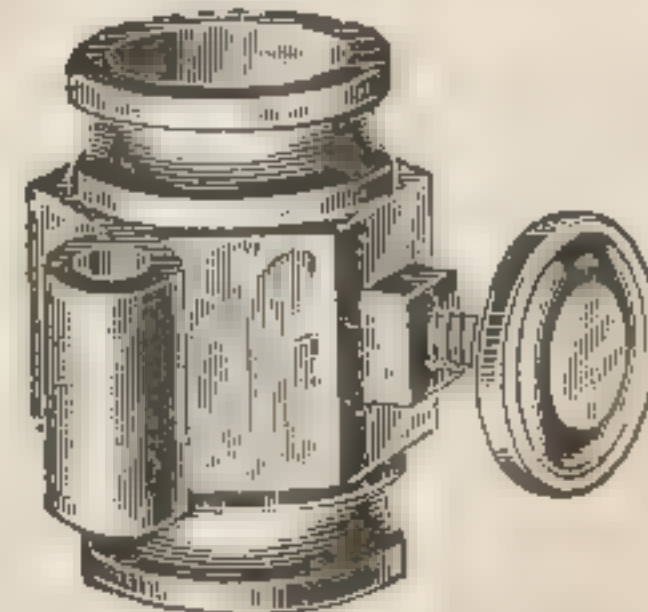
BRASS ARM,
to Rise and Fall, 12, 15 x 5-16 inch.



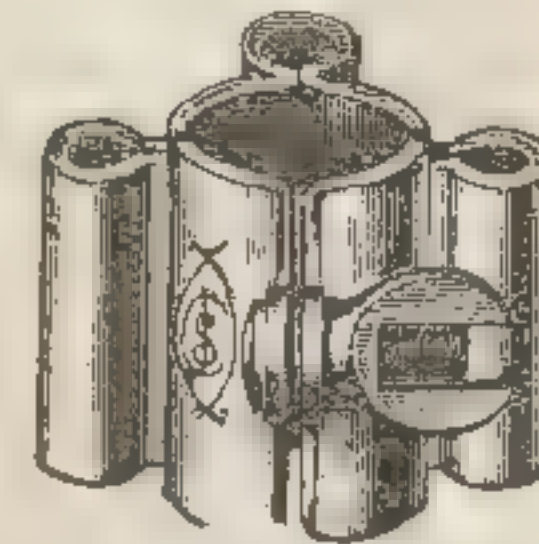
FOR HATS, &c

FOR BOOTS, &c.

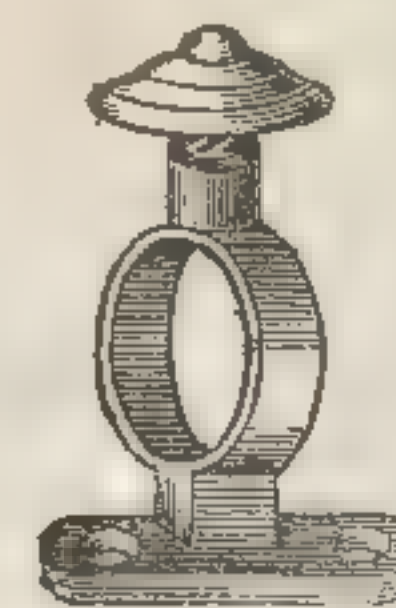
SHOW STANDS OF ALL DESCRIPTIONS TO
ORDER. ALL THESE FITTINGS CAN BE SUPPLIED
NICKEL-PLATED.



ADJUSTABLE SLIDING SOCKET
Single, Double, and Treble.
 $\frac{3}{4}$, $\frac{7}{8}$, 1 x $\frac{1}{4}$, and 5-16 Fitting.



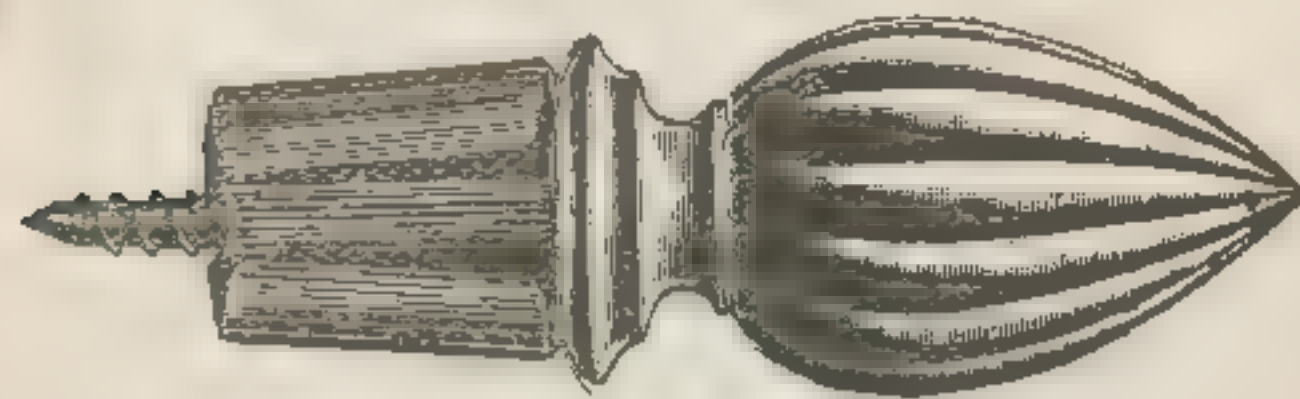
ADJUSTABLE SLIDING SOCKET.
Mitchell's Patent.
 $\frac{3}{4}$, $\frac{7}{8}$ x $\frac{1}{4}$ inch.
1 x 5-16 inch.



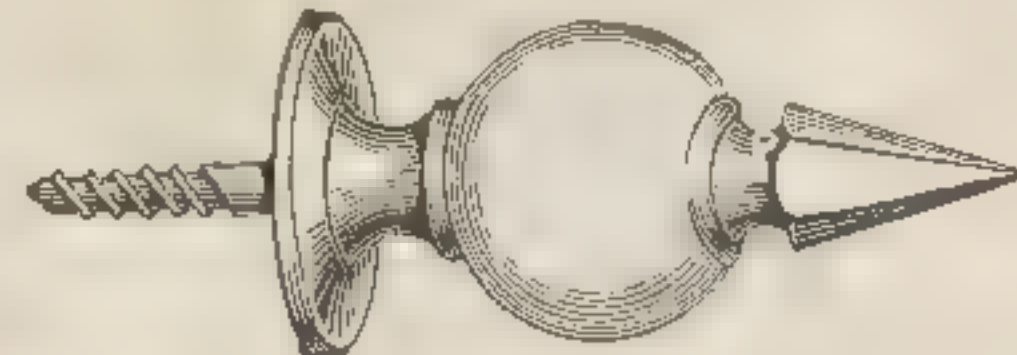
WINDOW ROD SOCKET.
 $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.



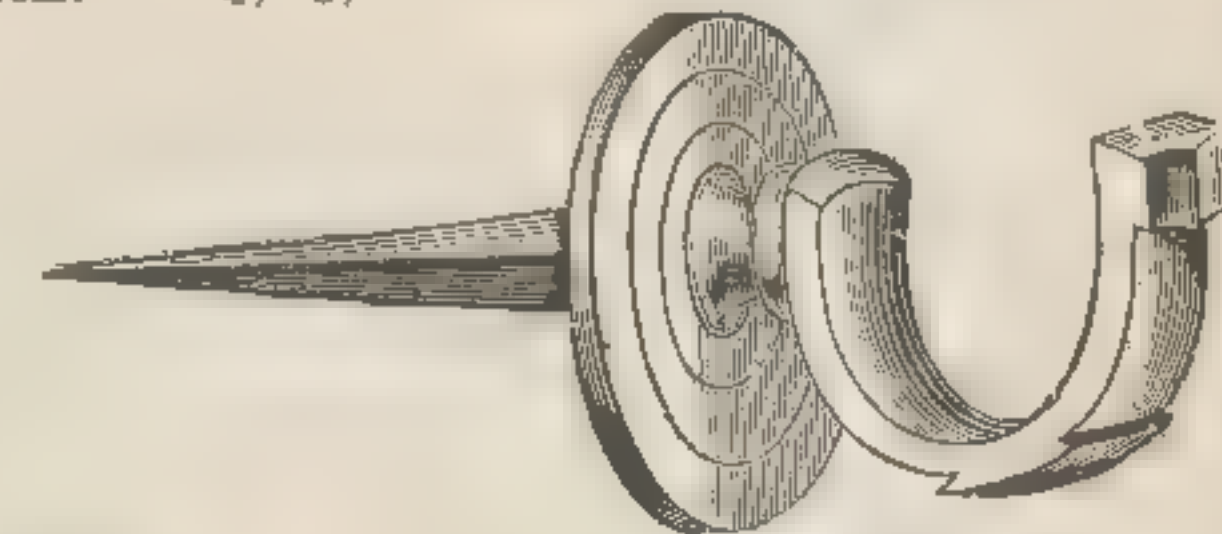
BRASS SAIL RINGS AND EYELETS.
All Sizes.



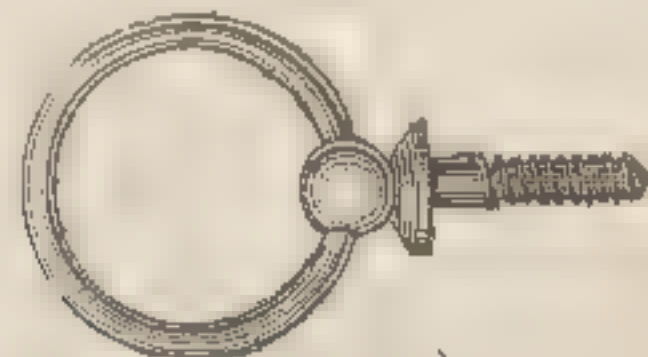
BRASS PICTURE ROD END,
With Screw and Spring Plug, $\frac{5}{8}$ to 1 inch.



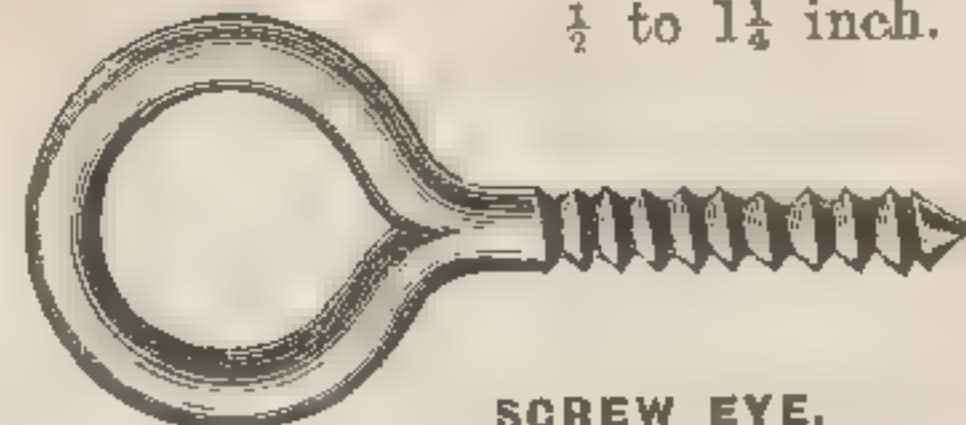
PICTURE ROD END (China).
 $\frac{1}{2}$ to 1 $\frac{1}{2}$ inch.



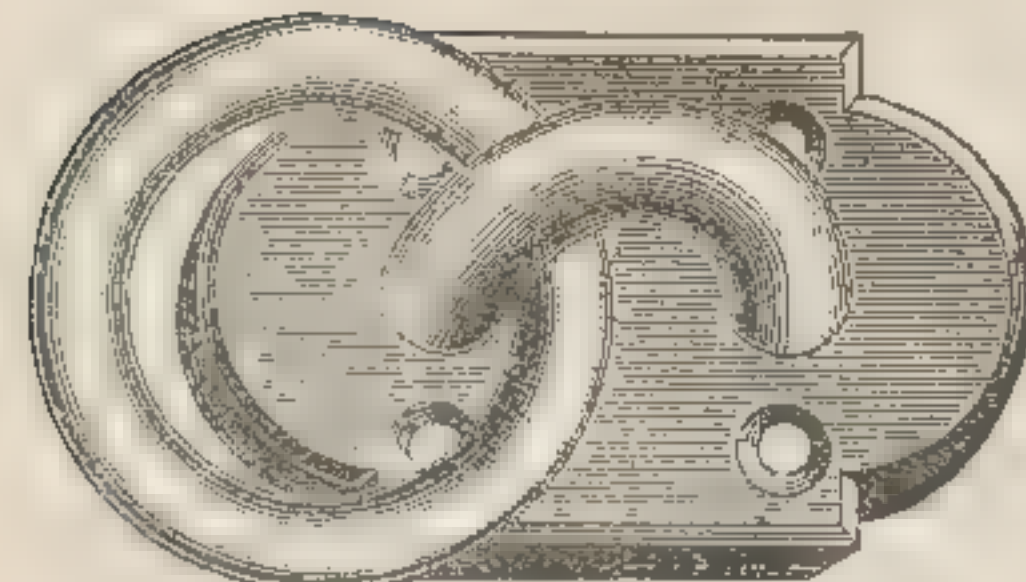
PICTURE ROD BRACKET,
Also on Plate.
 $\frac{1}{2}$ to 1 Inch.



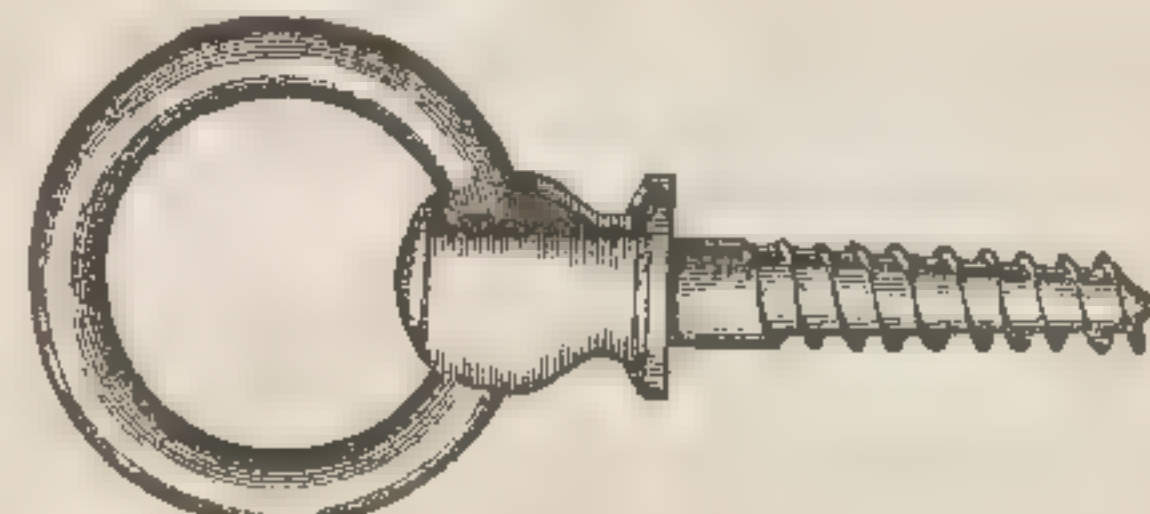
BRASS SCREW RINGS.
Various Sizes.



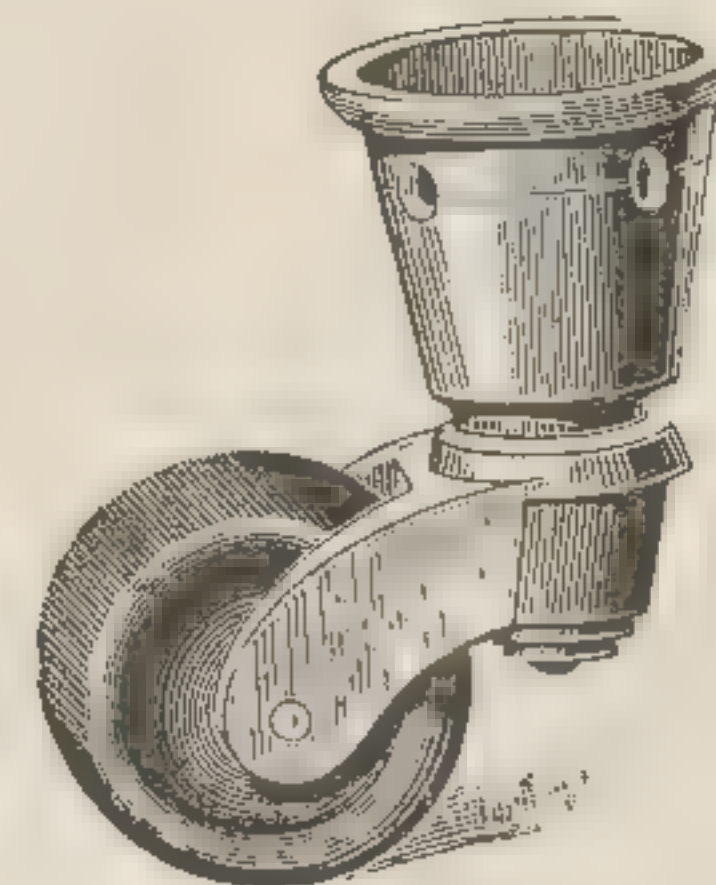
SCREW EYE.
Iron, Brass, and Brassed Iron
All Sizes.



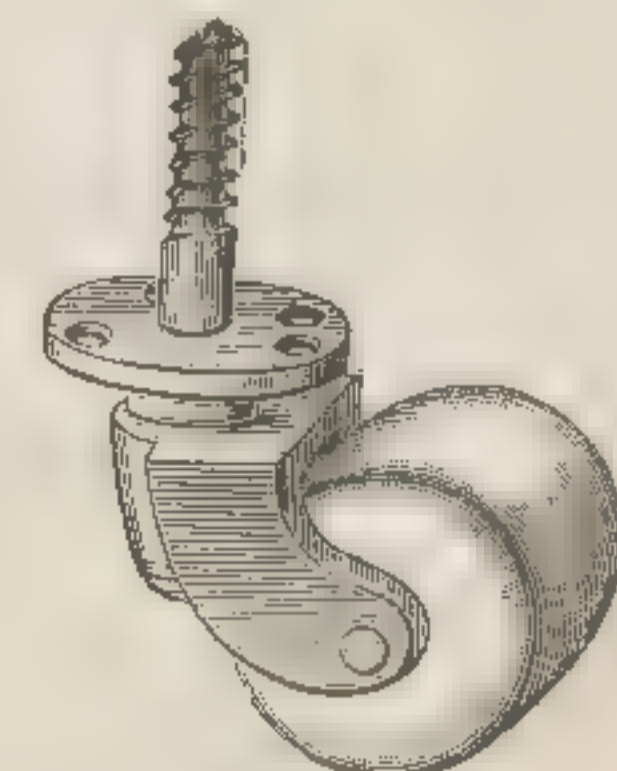
BINNACLE RING ON PLATE.



BINNACLE RING, TO SCREW.



SOCKET CASTORS.
Brown and White Bowls.
1, 1 $\frac{1}{8}$, 1 $\frac{1}{2}$, 1 $\frac{3}{4}$, 1 $\frac{1}{2}$, 1 $\frac{1}{4}$ inches.

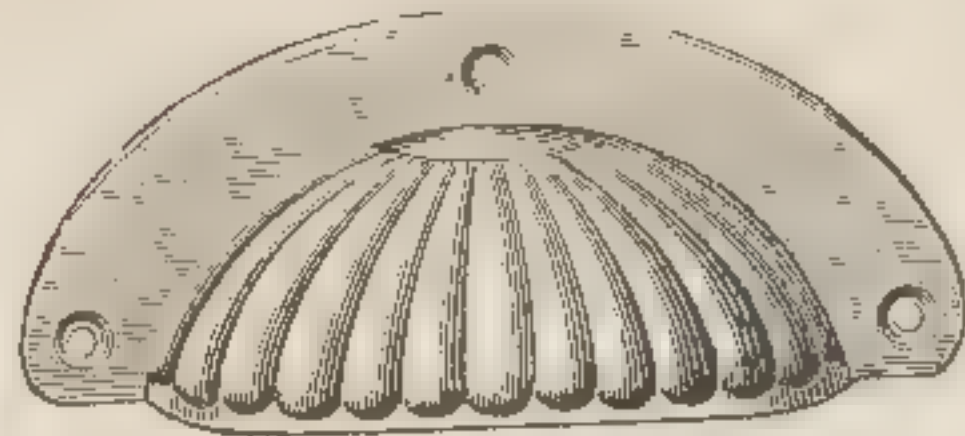


SCREW CASTOR.
Brown and White Bowls.
 $\frac{7}{8}$, 1, 1 $\frac{1}{8}$, 1 $\frac{1}{4}$, 1 $\frac{3}{4}$, 1 $\frac{1}{2}$ inches.

Brass Sundries, Etc.



No. 1.
BRASS OR ANTIQUED BRASS DRAWER PULL.



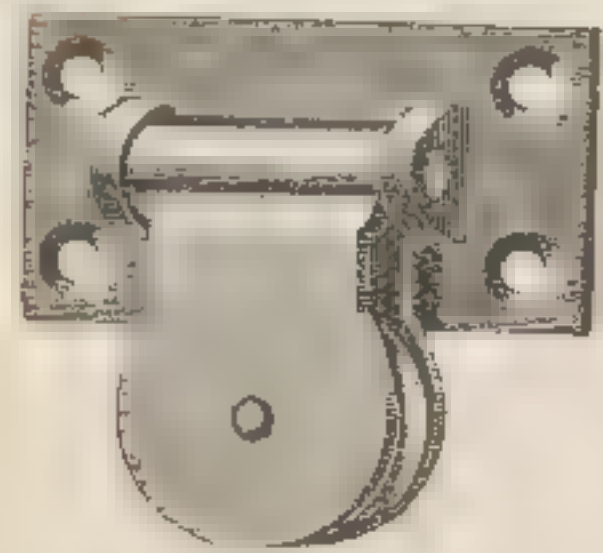
No. 2.
BRASS DRAWER PULL.



BRONZED IRON DRAWER PULL.



ANTIQUE BRONZED DRAWER
Pull with card holder.

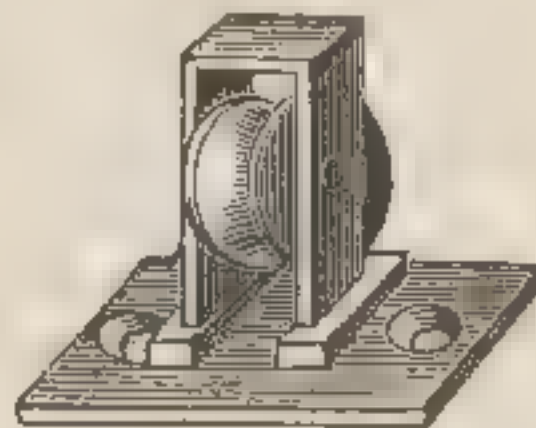


LAZY OR CLOTHES
LINE PULLEY.

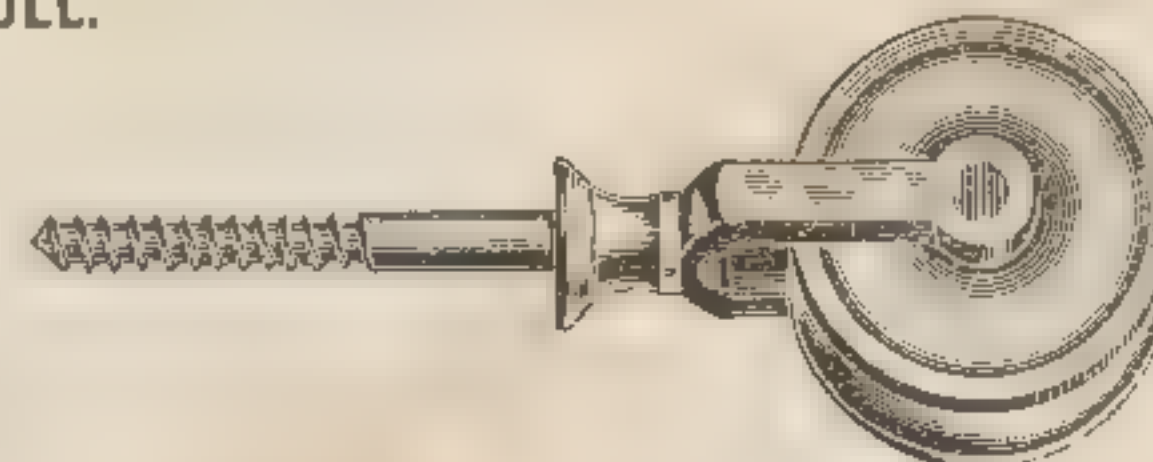
Japanned or Galvanized,
2½ inch plate, 1 inch
wheel.



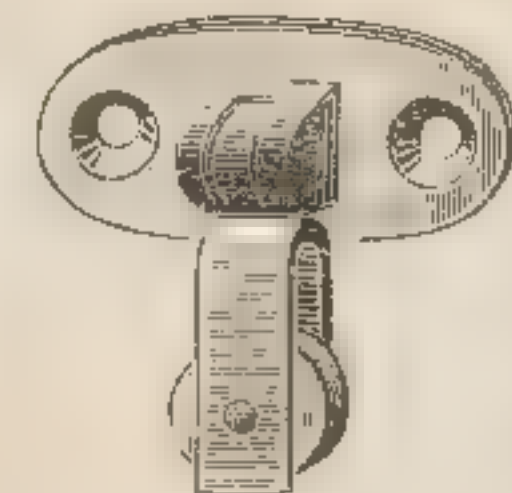
SIDE PULLEY.
Japanned, 1, 1½,
1½, 2, 2½, 3 inch.



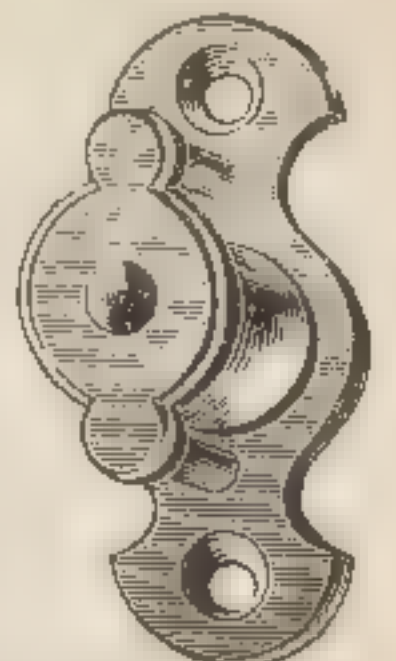
JAPANNED UPRIGHT
PULLEY.
1, 1½, 1½, 2, 2½ inch.
Brass, ¾, ¾, 1¼ inch



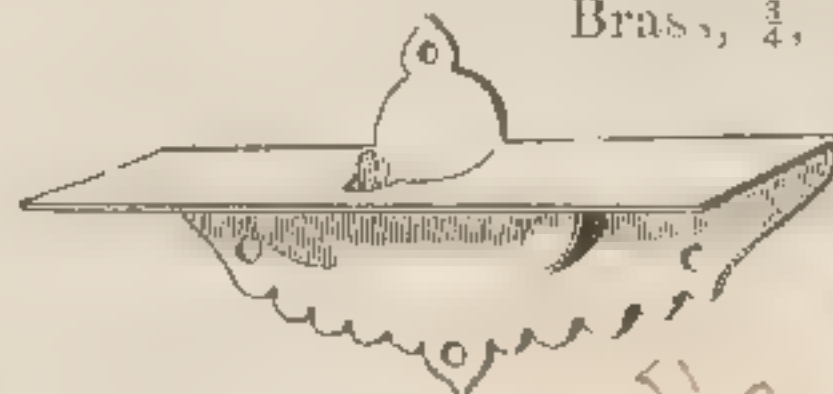
SCREW PULLEY. Iron and Brass.
¾ to 1½ inch.



BRASS LAZY
PULLEY.



BRASS LAZY
PULLEY.
¾ to 1½ inch.



BRASS PICTURE REST
2½ inch.



No. 1.



No. 2.



No. 3.



No. 4.

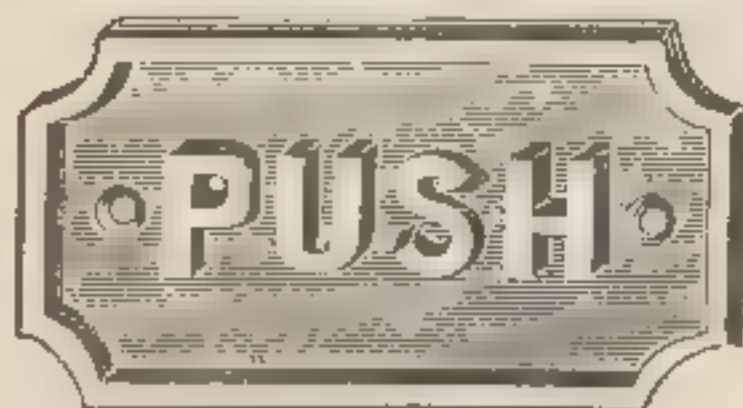


No. 5.

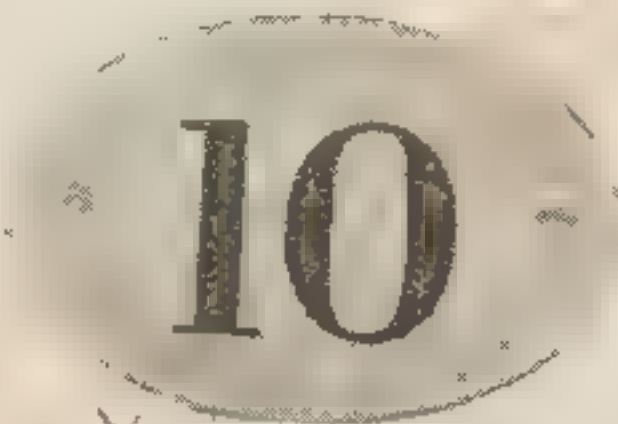


No. 6.

ESCUTCHEONS. Various Sizes.



BRASS "PUSH" & "PULL"
PLATES.



ENAMELLED FIGURES,
LETTERS & PLATES.
All Sizes.



No. 1.



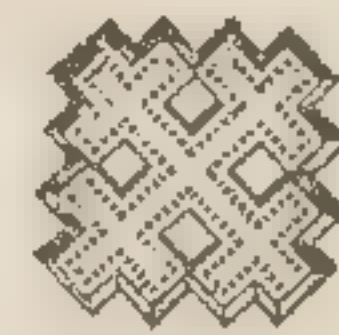
No. 2.



No. 3.



No. 4.



No. 5.



No. 6.



No. 5. No. 4. No. 3.
BRASS HEAD CHAIR NAILS.



CHINA HEAD PICTURE NAIL. 2½, 3 inch.
BRASS HEAD PICTURE NAILS, 1 to 3 inch.



No. 7.

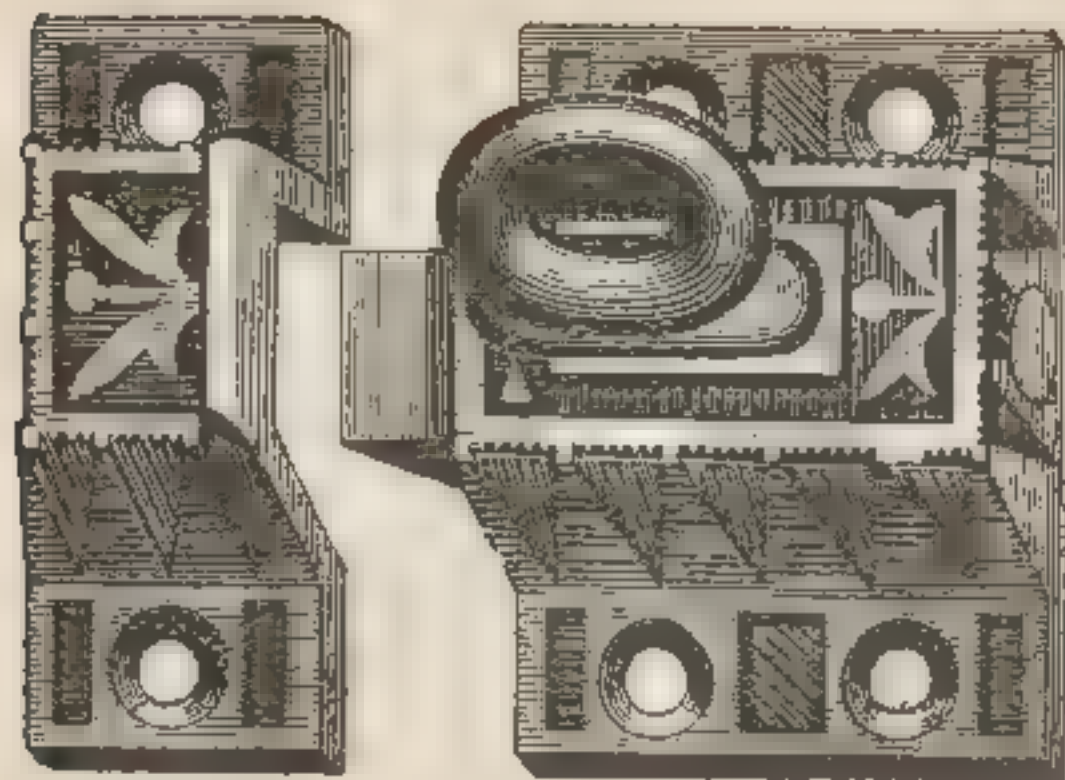


BRASS WING NUT.
¼, 5-16, ¾, 1 inch.

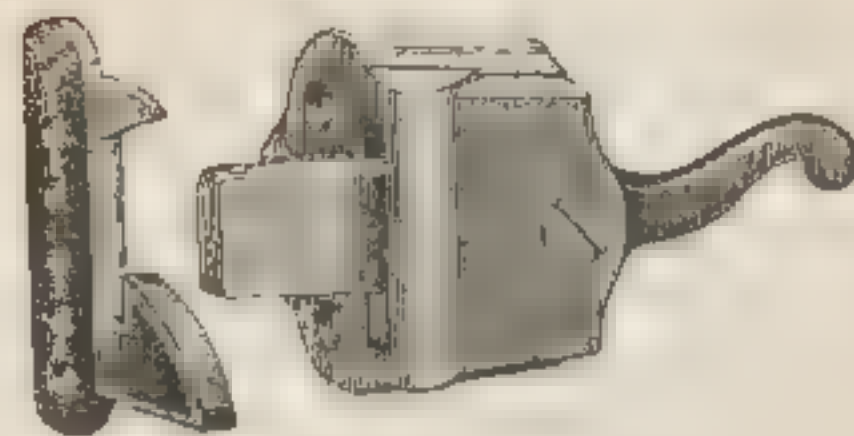


DRUGGET PIN.

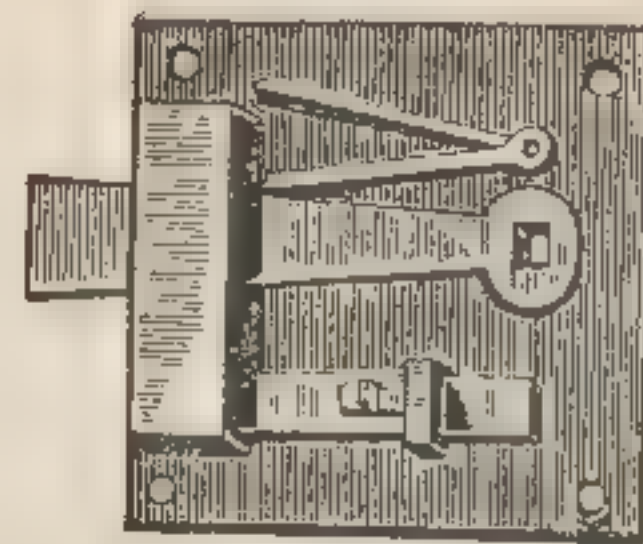
Latches.



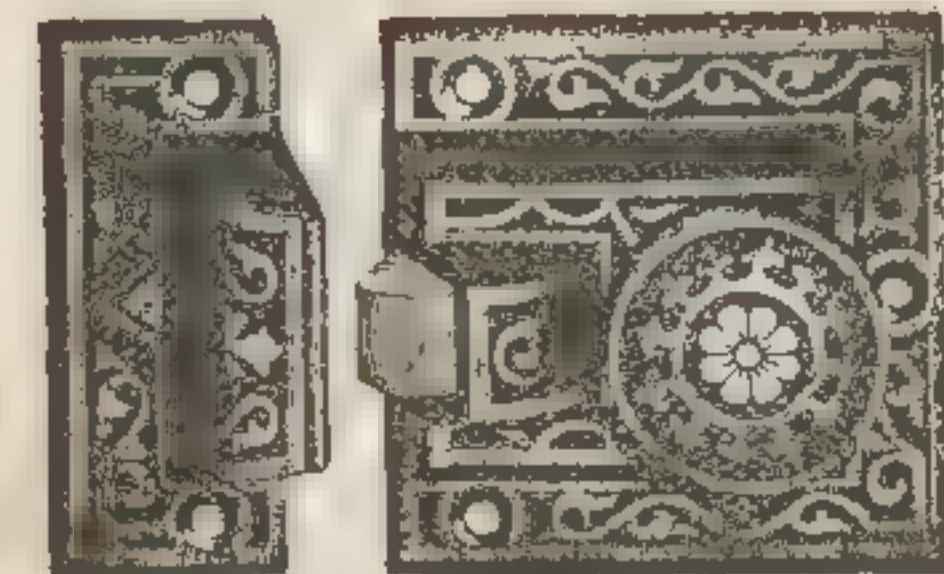
BRONZED TRANSOME CATCH.
For Fanlights.



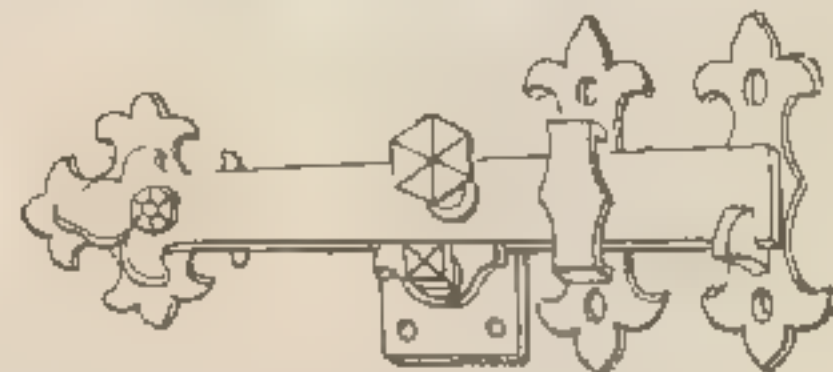
SURFACE GATE LATCH.



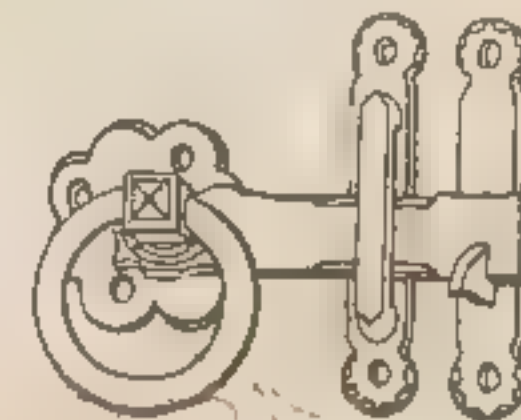
BOW LATCH, WITH BOLT.
4 inch.



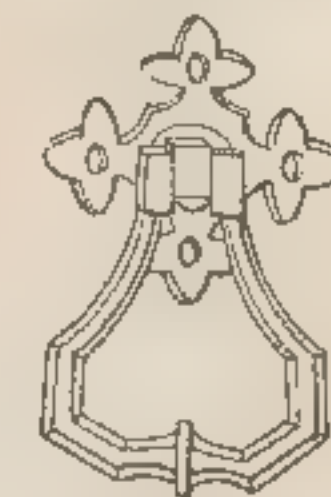
BRONZED CUPBOARD CATCH.



HEAVY, GOTHIC LATCH,
Malleable Iron. 11 inch, with
either Outside Handles Nos. 1 or 2



GOthic GATE LATCH.
Malleable Iron. 5, 7 inch,
with Outside Handle.

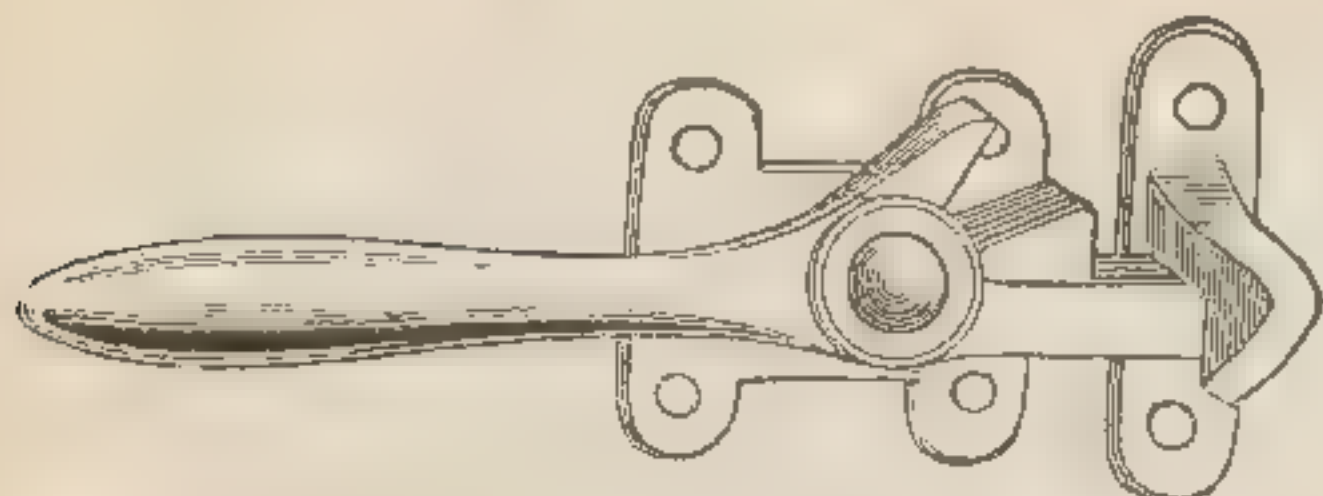


No. 1.

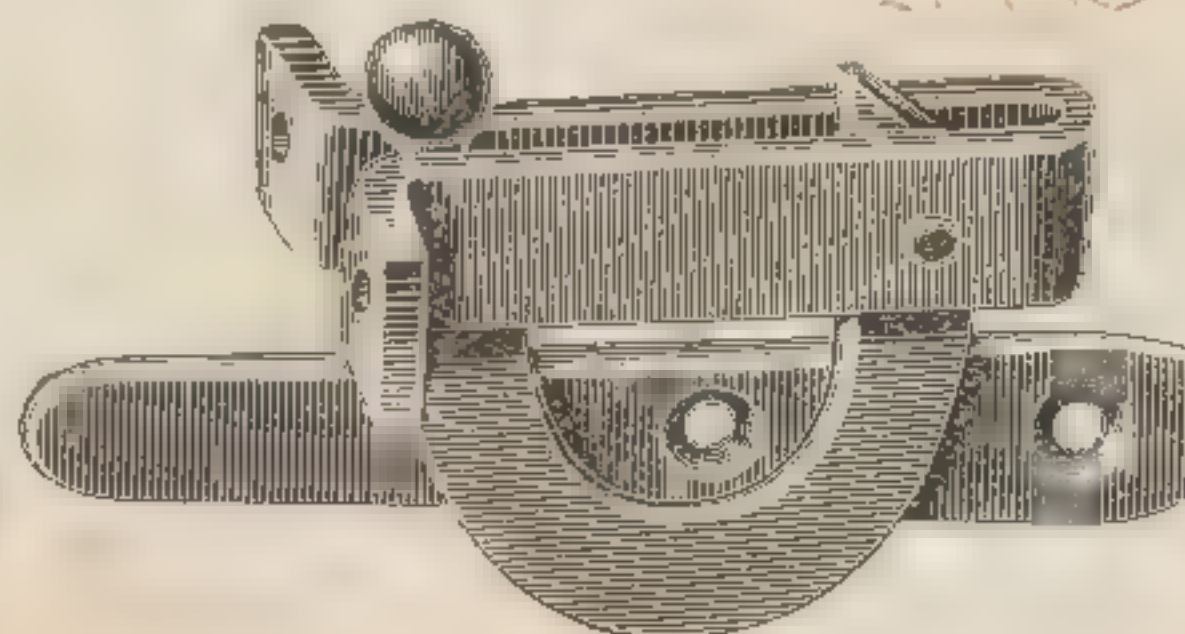


No. 2.

OUTSIDE HANDLES FOR GOTHIC LATCHES.



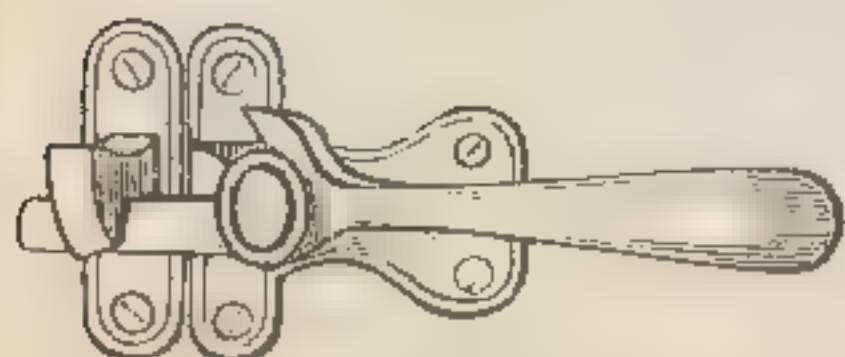
DAVENPORT LATCH,
Large.



D GATE LATCH.
Japanned and Galvanized.



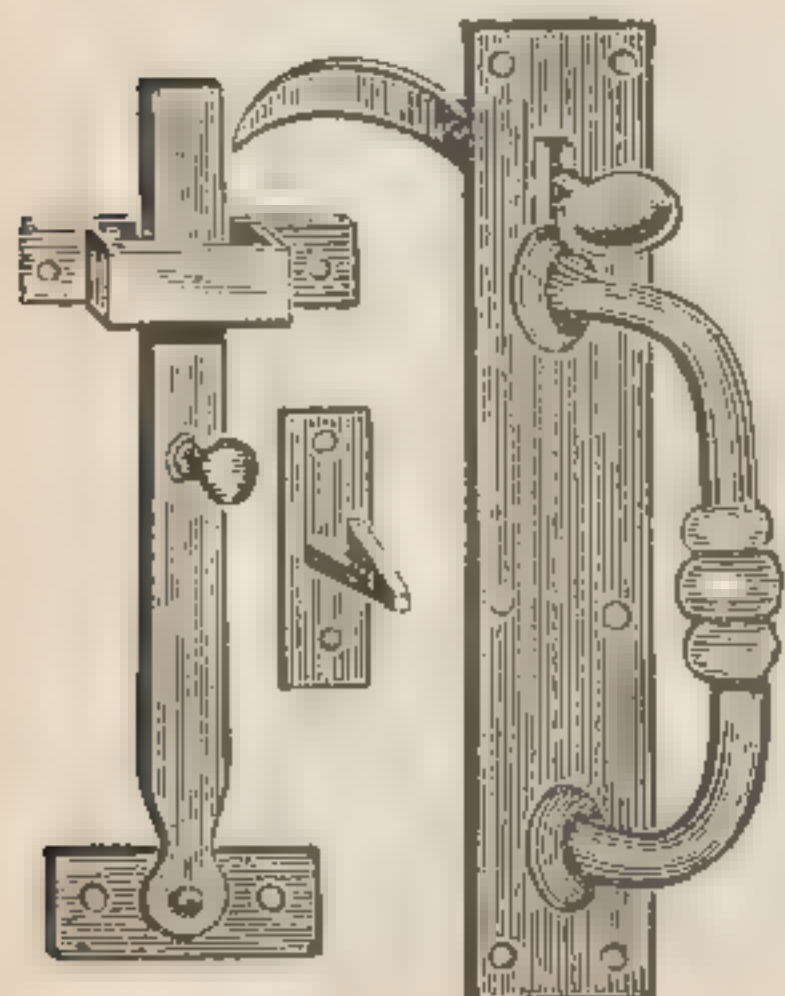
IMPROVED D GATE LATCH, JAPANNED.



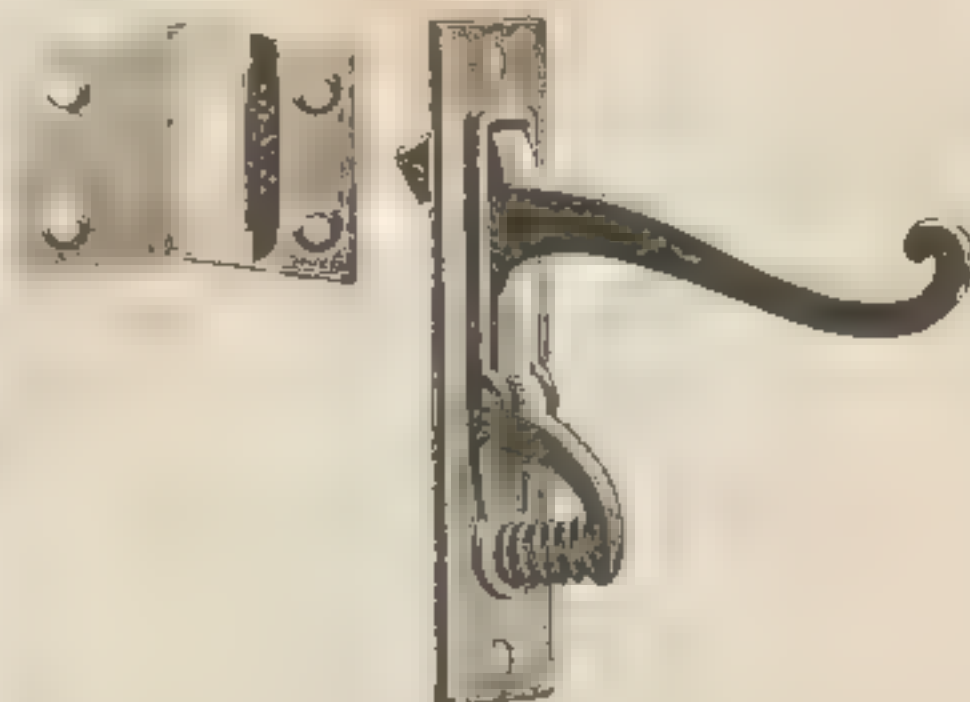
DAVENPORT LATCH,
Small.



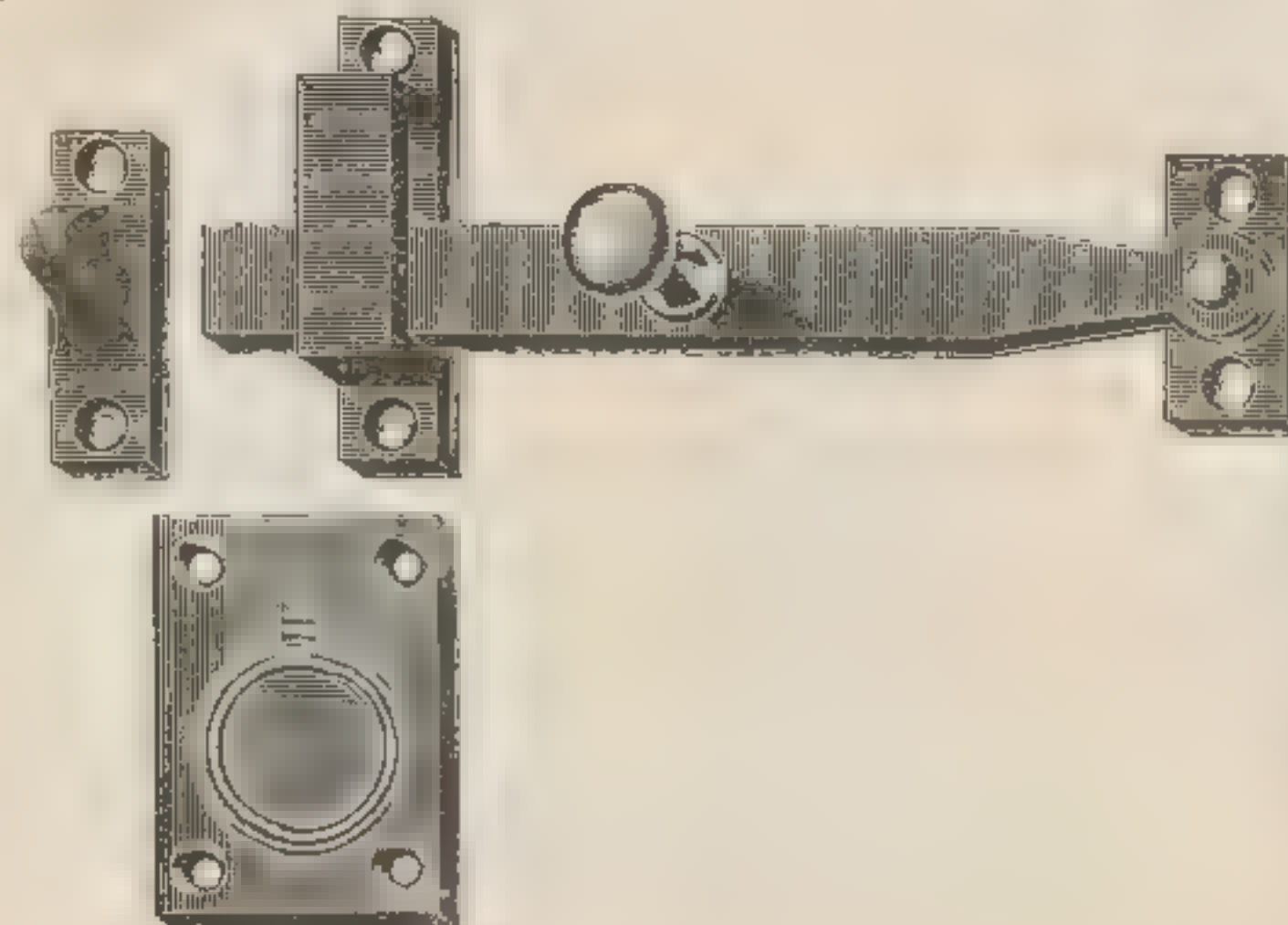
OUTSIDE HANDLE FOR
DAVENPORT LATCH.



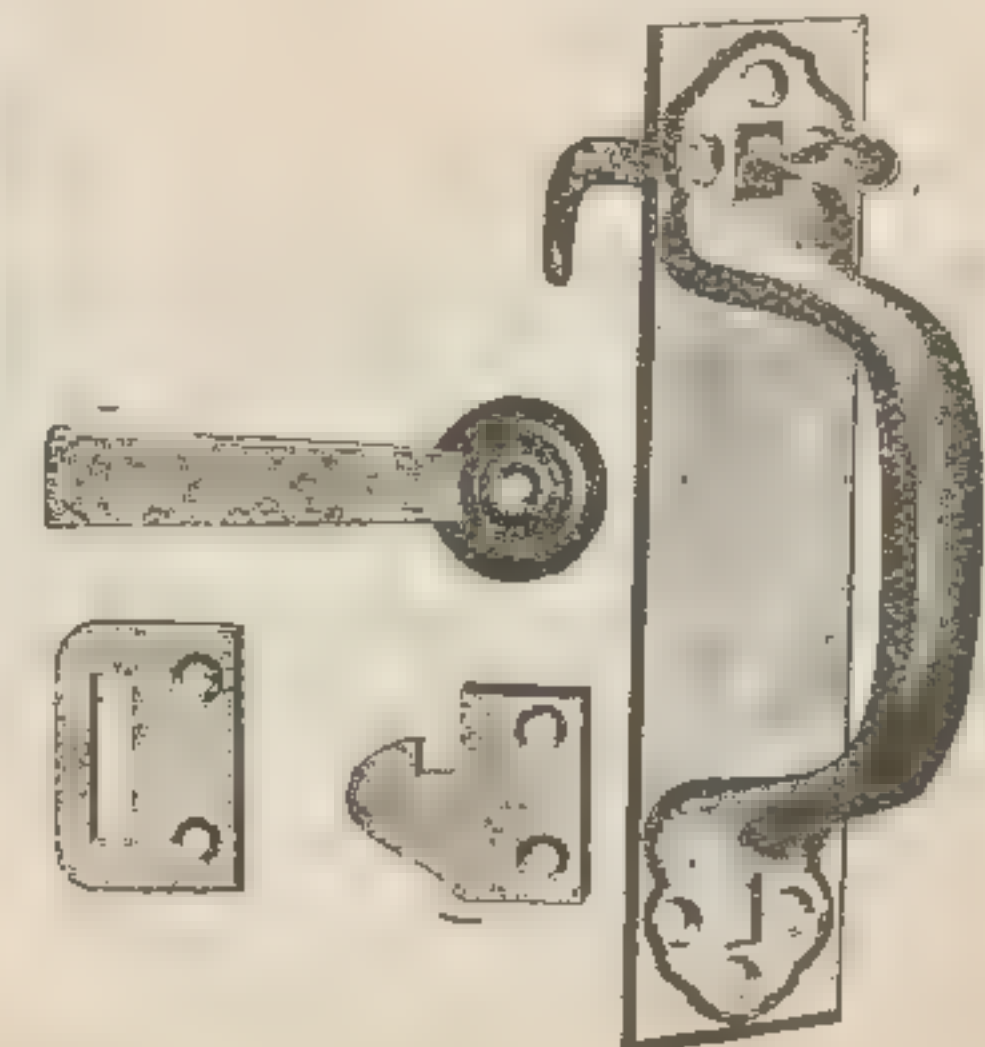
NORFOLK LATCH, Nos. 2, 3
SUFFOLK LATCHES, Nos. 2, 3.



SPRING GATE LATCH.



STABLE DOOR LATCH.

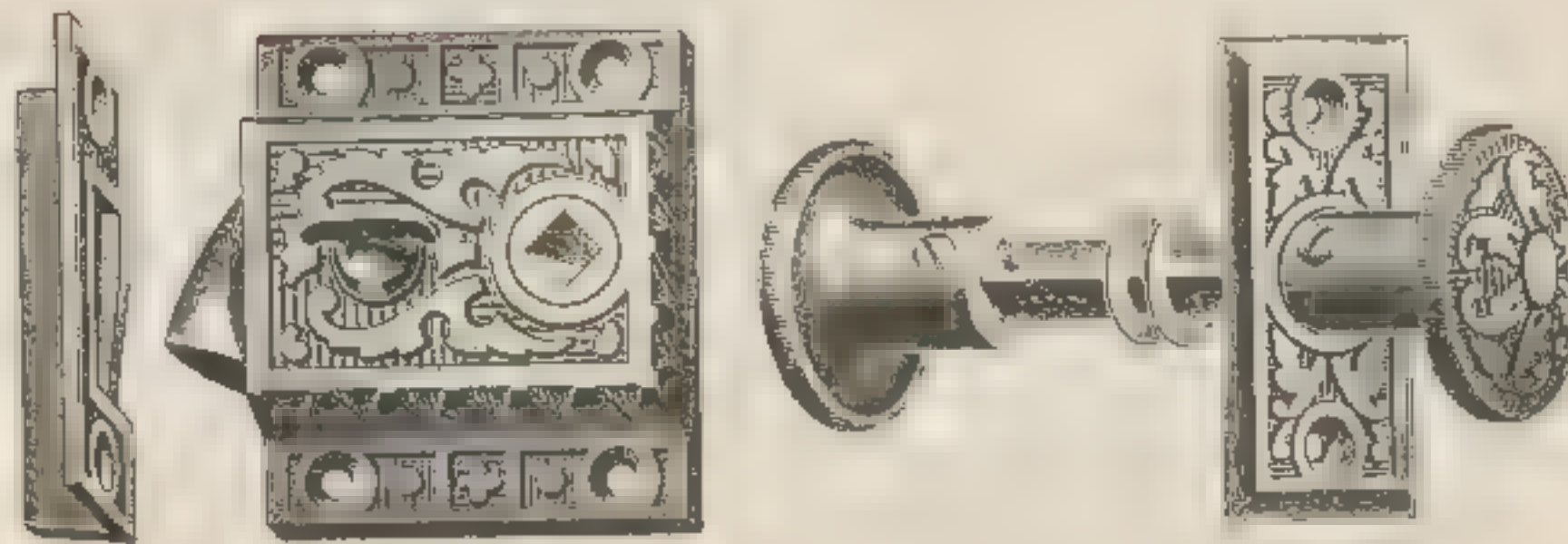


JAPANNED CANADIAN LATCH.

Latches.—Continued.



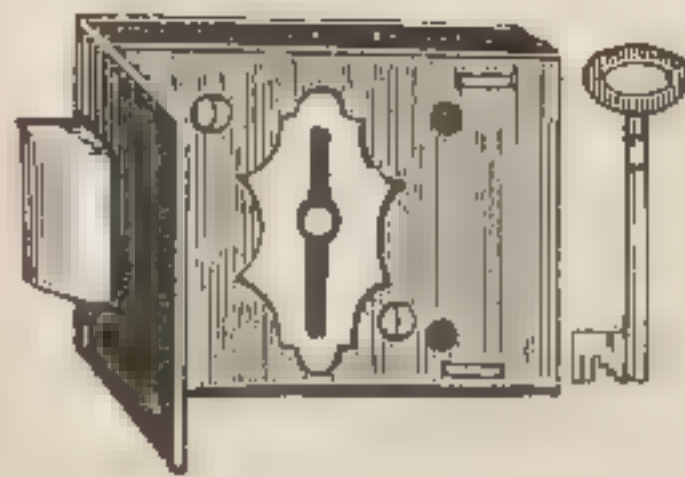
JAPANNED RIM LATCH.
4 inch.



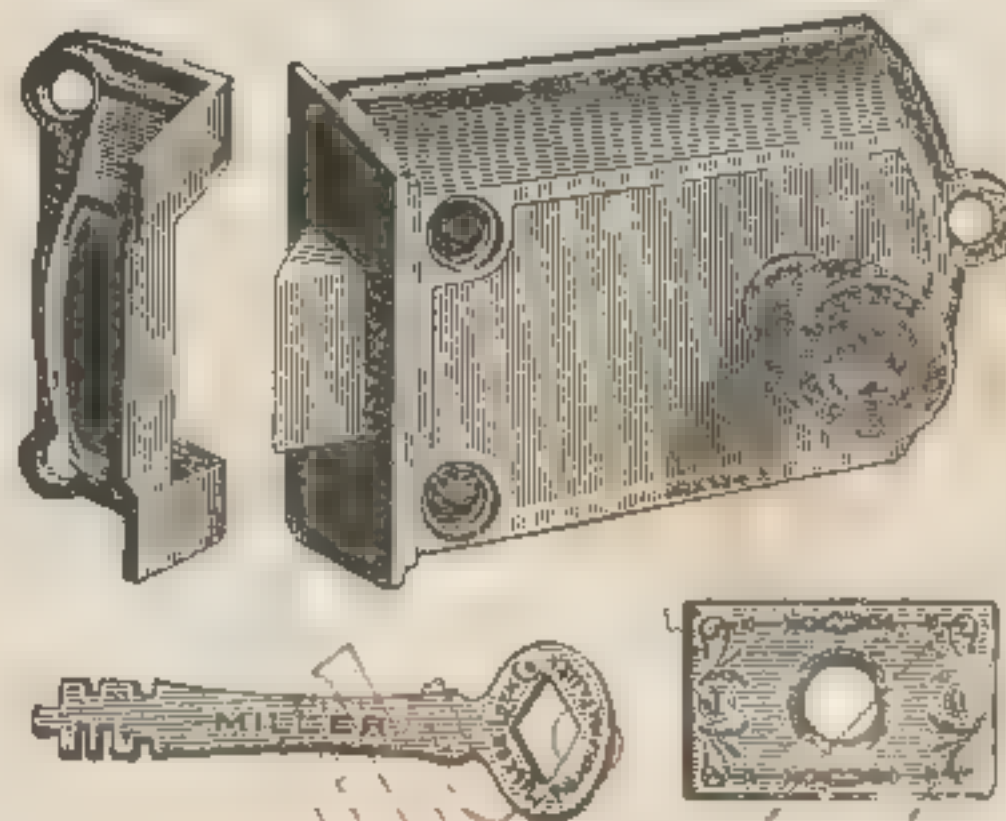
SCREEN DOOR LATCH.



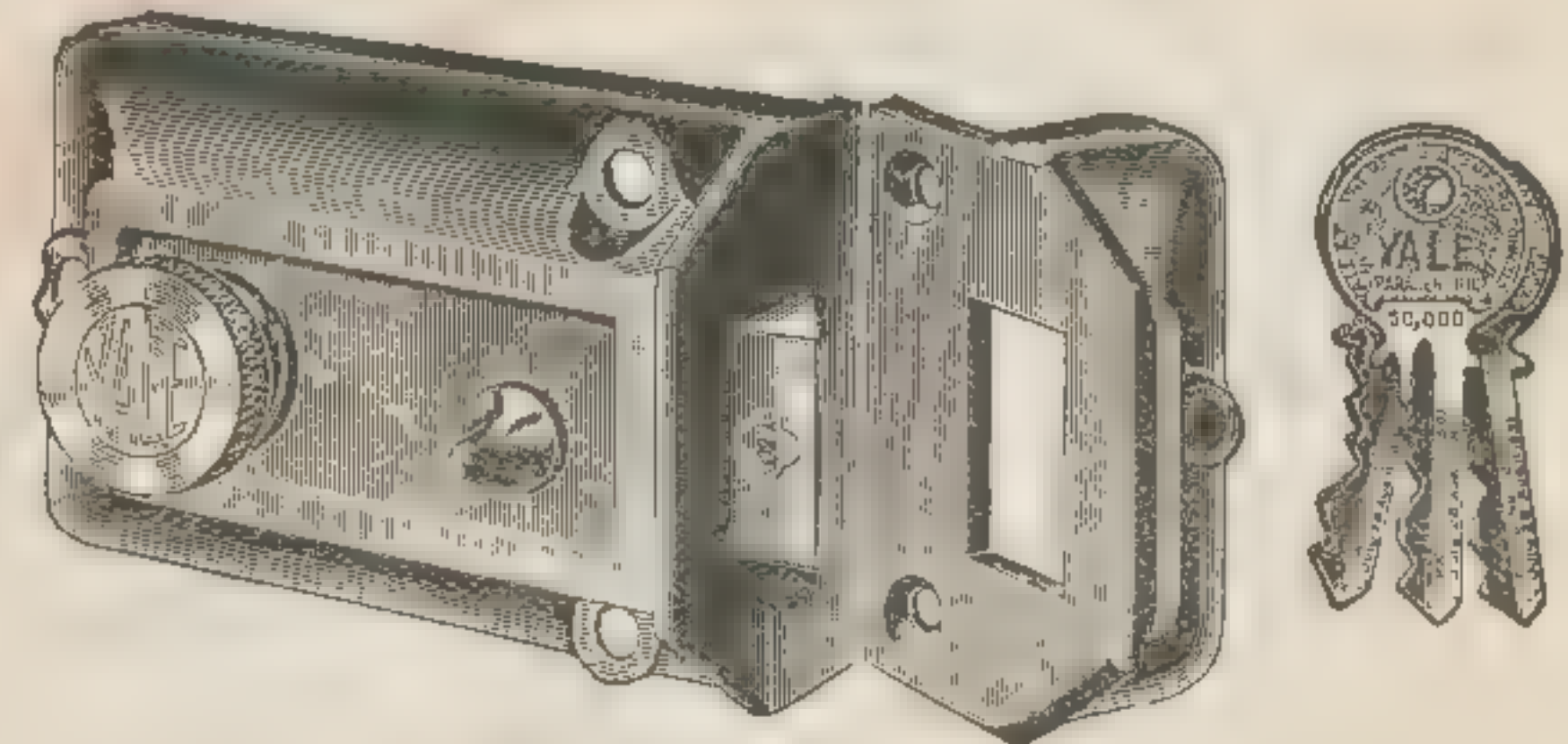
FANCY BRONZED YALE NIGHT LATCH.



RIM NIGHT LATCH, 4 inch.
HOBBS', VAUGHAN'S,
and other makers.
with 2 and 3 Keys.



MILLER'S NIGHT LATCH, No. 1



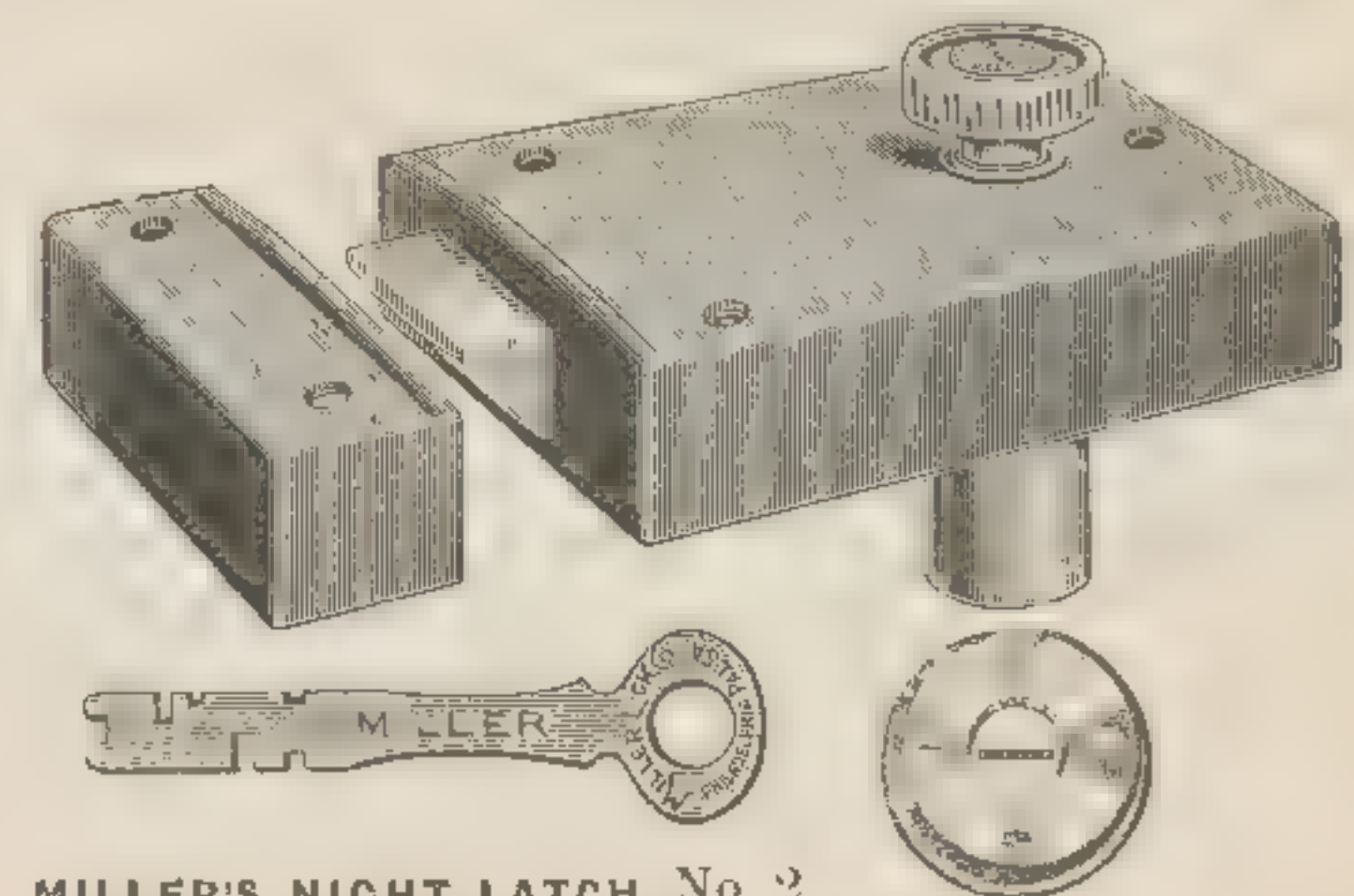
YALE NIGHT LATCH.
No. 041, Nickel Plated. No. 042, Bronze Nozzle.



YALE DEADLOCKING NIGHT LATCH,
Safety Bolt.



YALE DRAWBACK LOCK AND LATCH



MILLER'S NIGHT LATCH, No. 2.

Locks.



BRASS YALE PADLOCK.
1, 1½, 1¾, 2, 2½ inch.



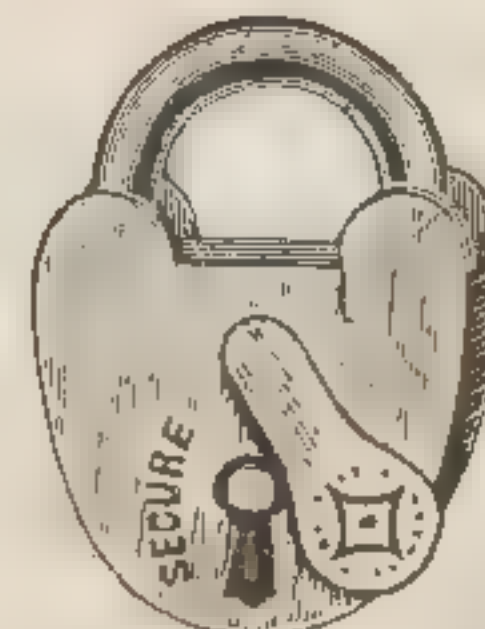
BRASS CLIMAX PADLOCK,
With Two Steel Flat Keys.
1½ inch.



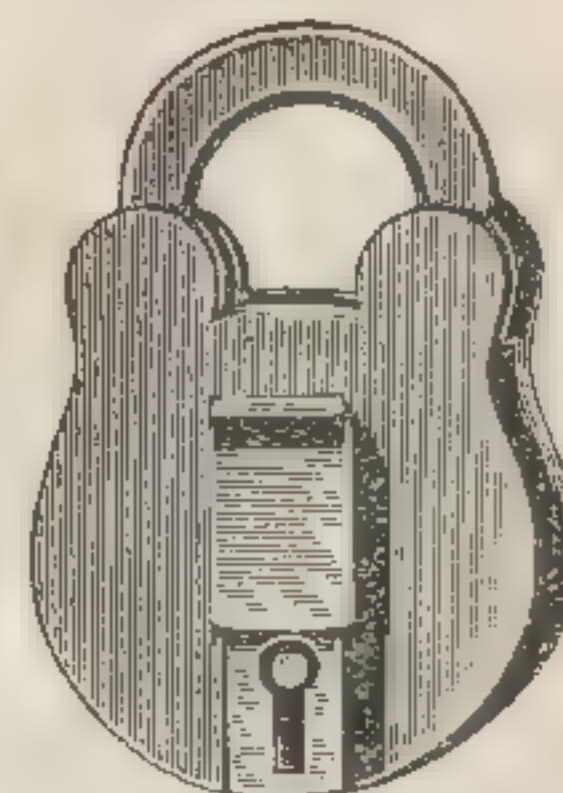
BRASS CHAMPION LOCK,
With Two Steel Flat Keys.
1½ inch.



BRASS PADLOCK.
In 2 sizes, 99, 999



BRASS PADLOCK.
¾ to 1½ inch.
Also upon cards.
Assorted sizes and patterns.
Nickel plated ditto.



4-LEVER ALL BRASS PADLOCK.
1½ to 3 inch.
HOBBS' and other makers.



HEAVY STEEL CASED YALE PADLOCK, 2 inch.



TIGER PADLOCK.
Iron, 1 and 2 inch.
Brass, 1 inch.



PROTECTOR PADLOCK.
Various Sizes.
Also with BENT SHACKLE for Trunks.



ELEPHANT PADLOCK.
Steel Cased, 1½, 2½.



RUGBY PADLOCK.



COMMON ENGLISH PADLOCK.
Japanned Iron, 1½ to 3 inch.
Galvanized Iron, 2 to 3 inch.
Also, in sets of 12, with 2 Master Keys.



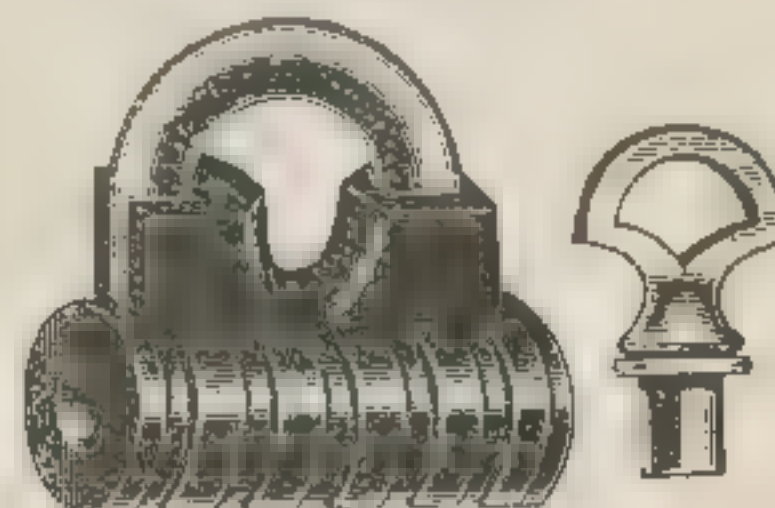
GALVANIZED ENGLISH PADLOCK, 4-LEVER.
HOBBS' and other makers.
2, 2½, 3 inch.



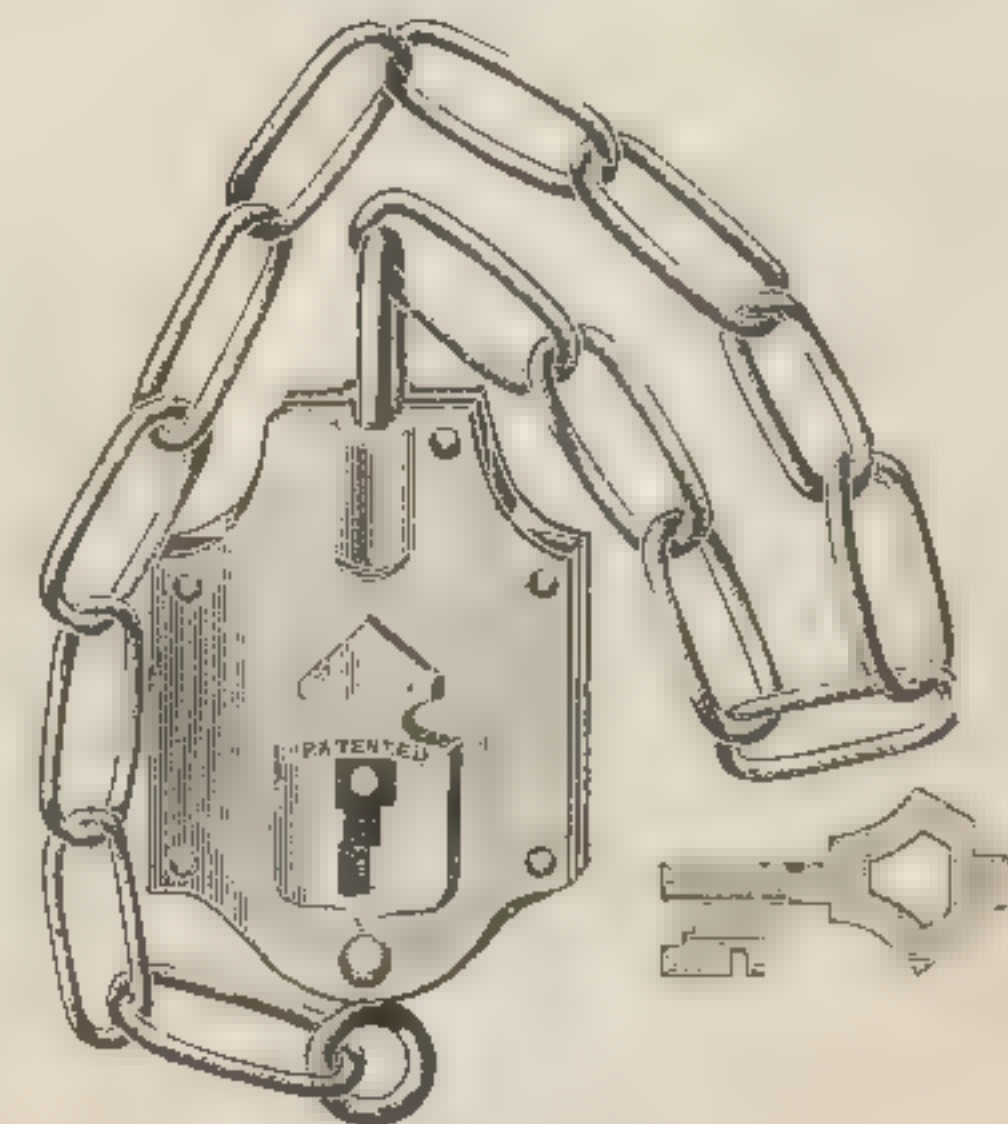
BEST ENGLISH PADLOCK.
HOBBS' and other makers.
2, 2½, 3 inch.



LETTER PADLOCK.

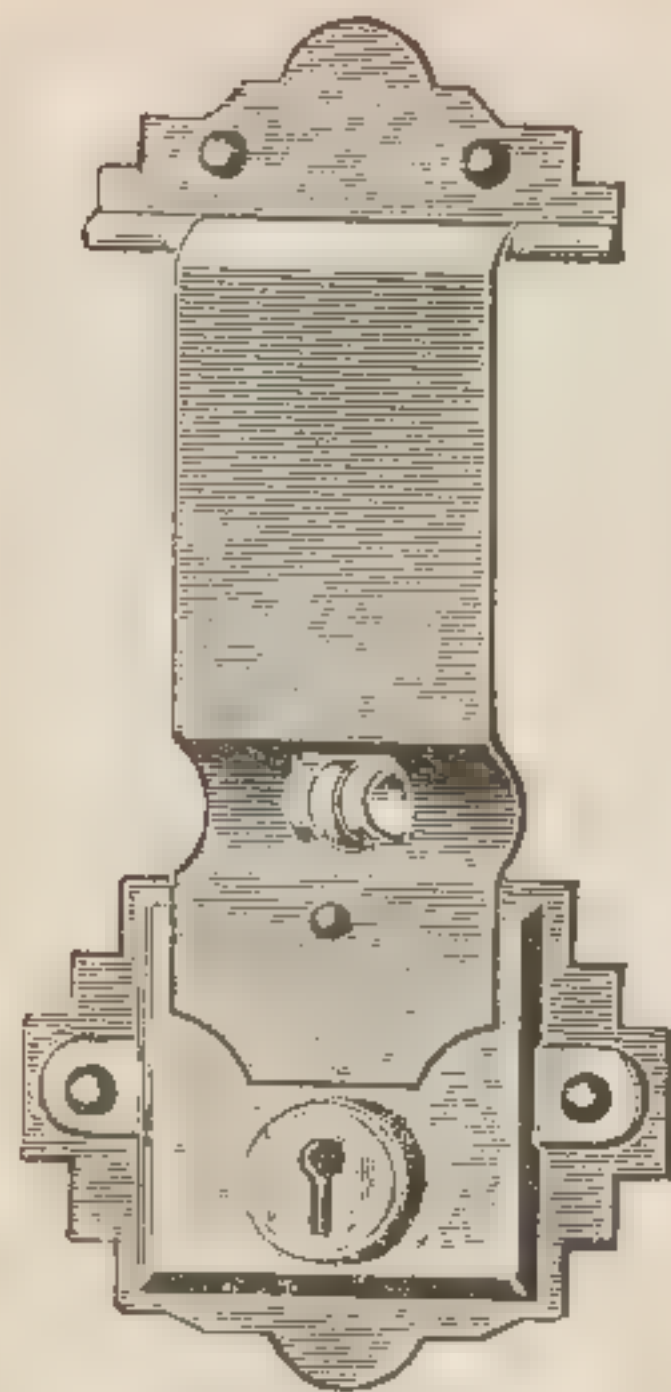


SPRING SHACKLE PADLOCK.

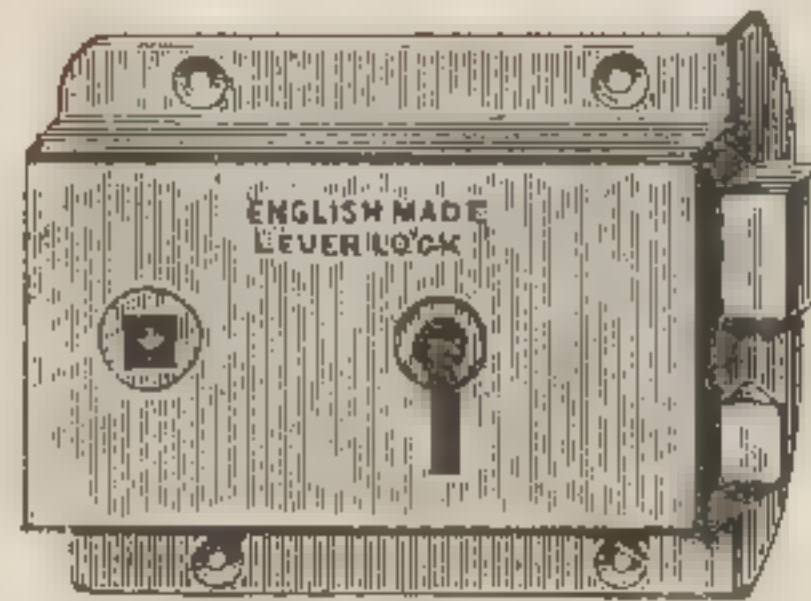


GALVANIZED PADLOCK,
With 16-link Chain.

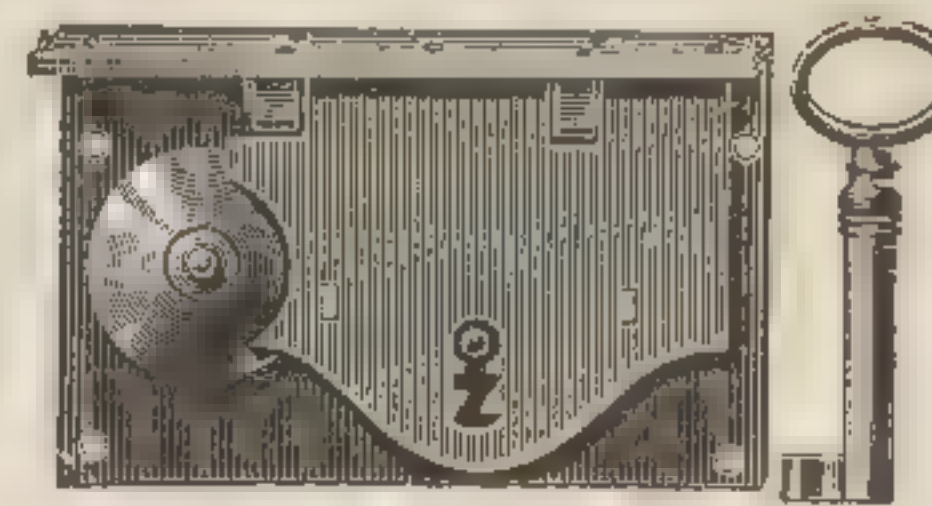
Locks.—Continued



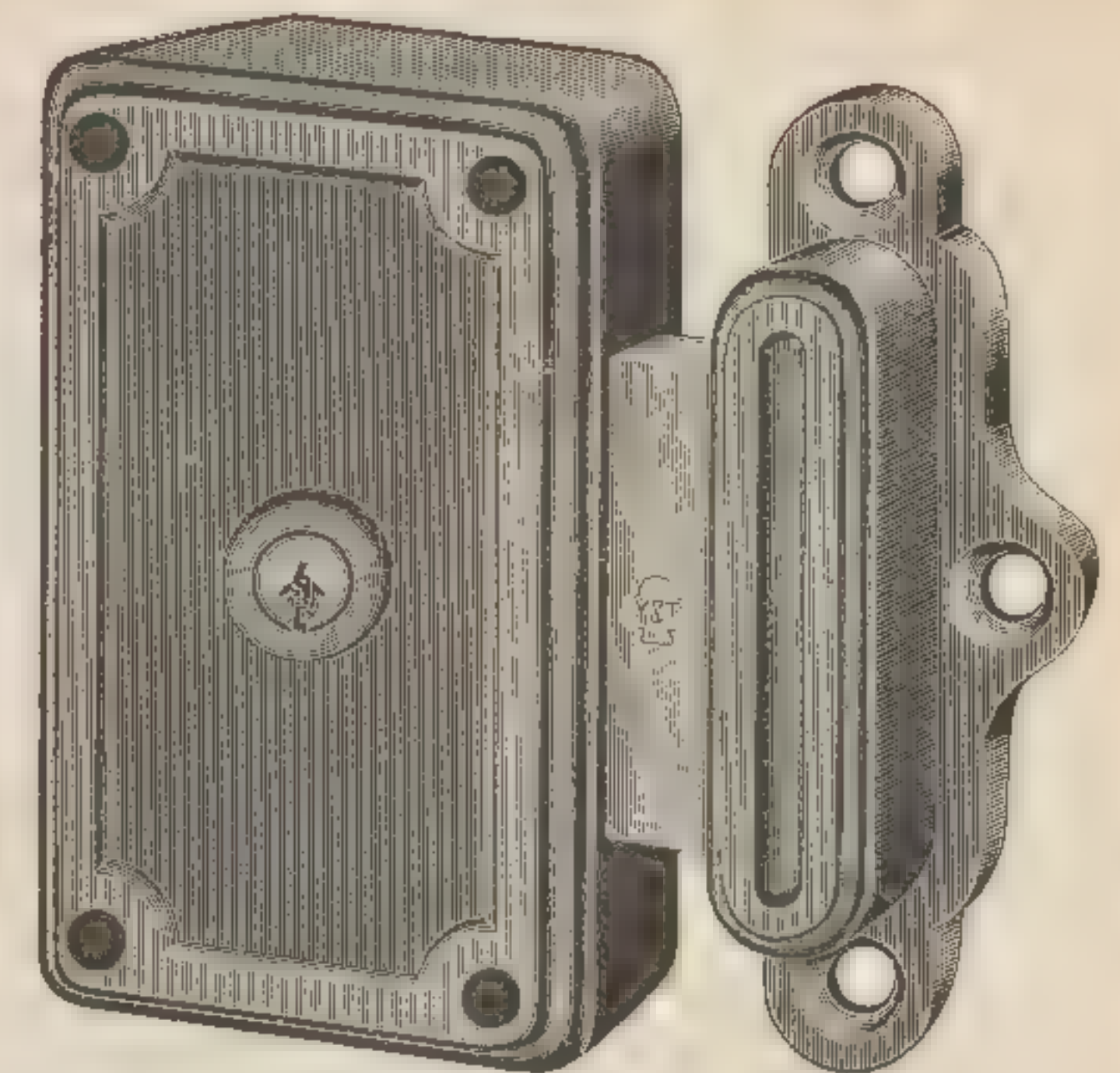
BRASS SCARBORO' TRUNK LOCK.
Different Qualities.



BRASS CABIN DOOR LOCK.
1, 5, 6 inch.



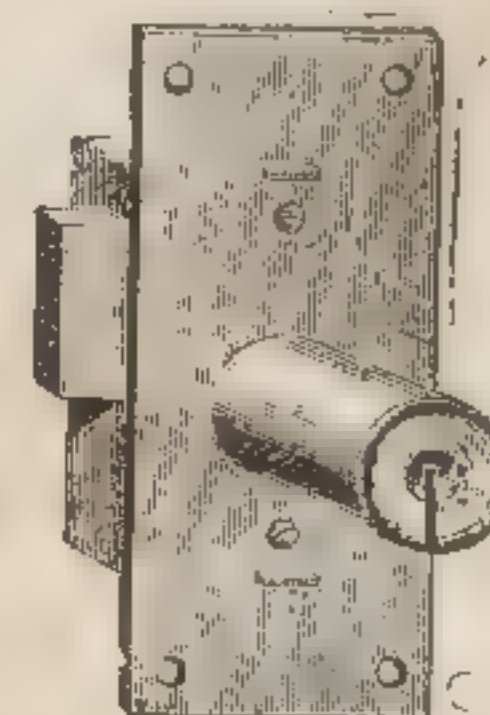
IRON BELL CHEST LOCK,
4 inch.



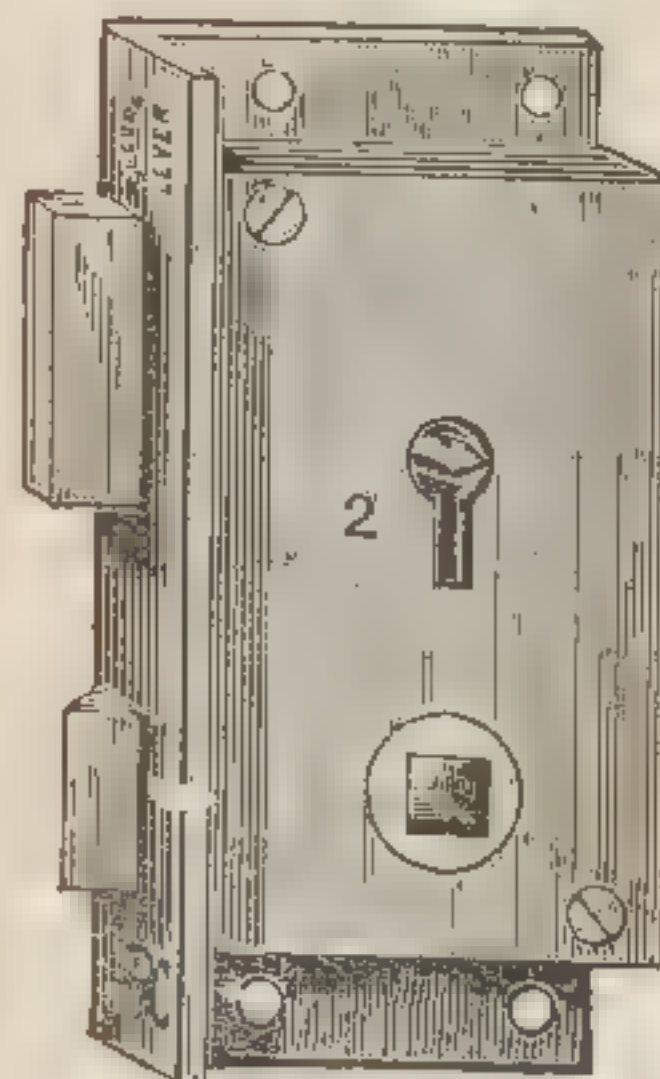
YALE RIM DEAD LOCK.



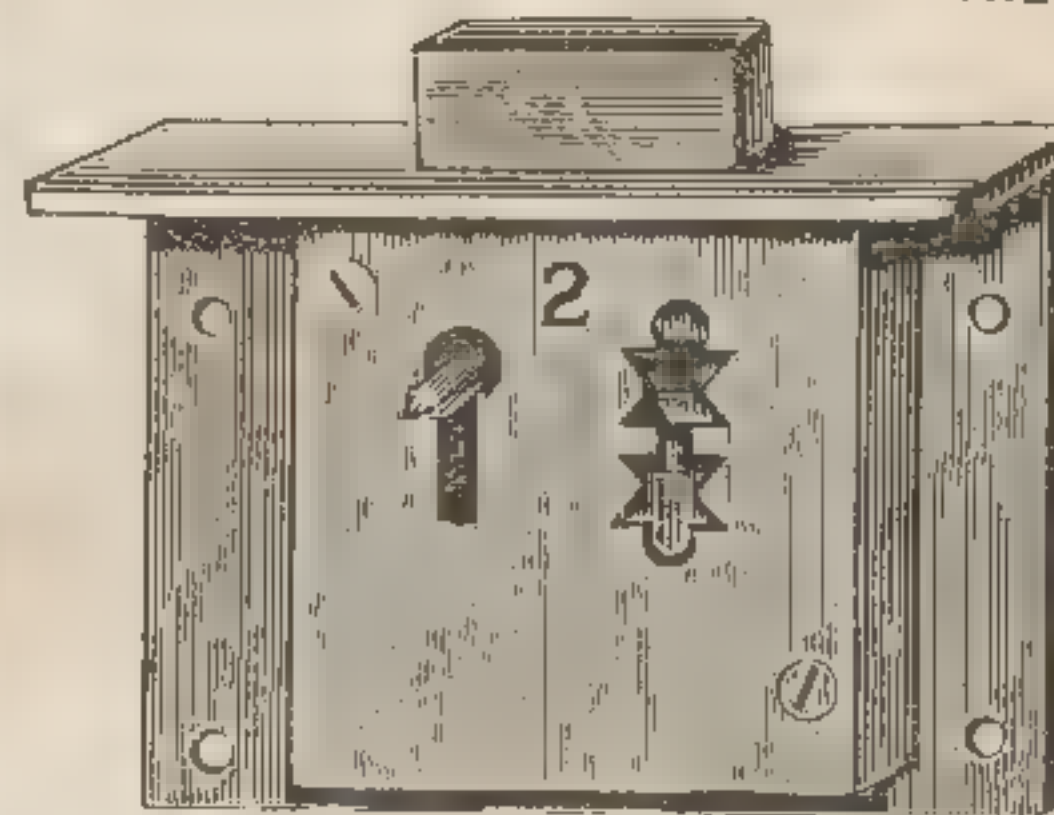
YALE TILL LOCK.



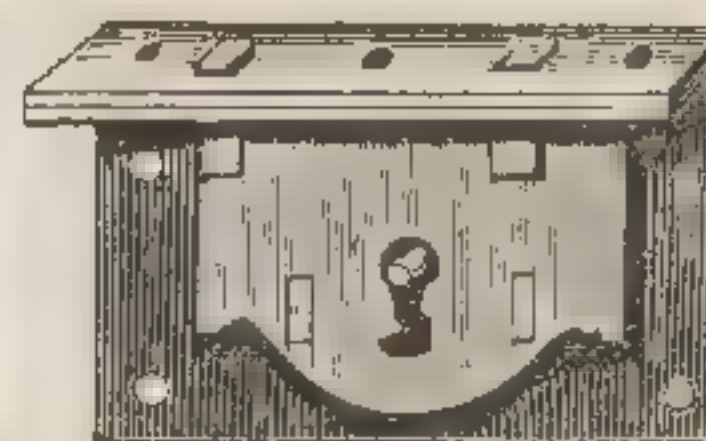
YALE CUPBOARD LOCK.



BRASS WARDROBE LOCK.
3½ inch.
TRIMMINGS TO SUIT,
See Page 10.

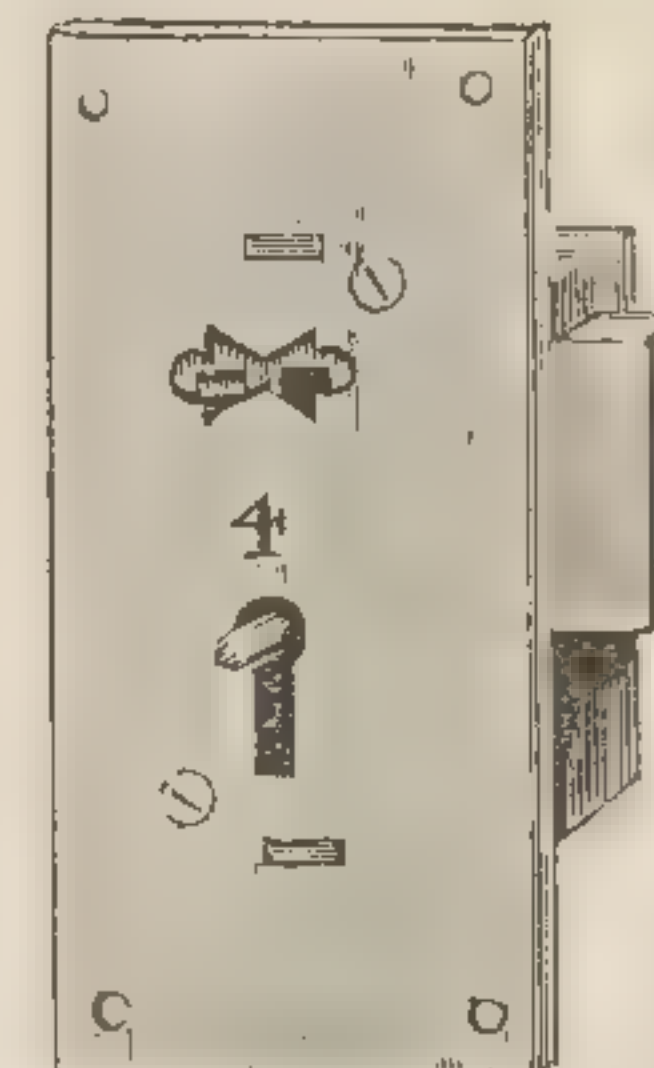


TILL LOCK.
Brass. 1½, 2, 2½, 3 inch.
Iron. 2½, 3 inch.
Also in Sets of 5, with 2 Keys, 2½ inch.
HOBBS and other makers.



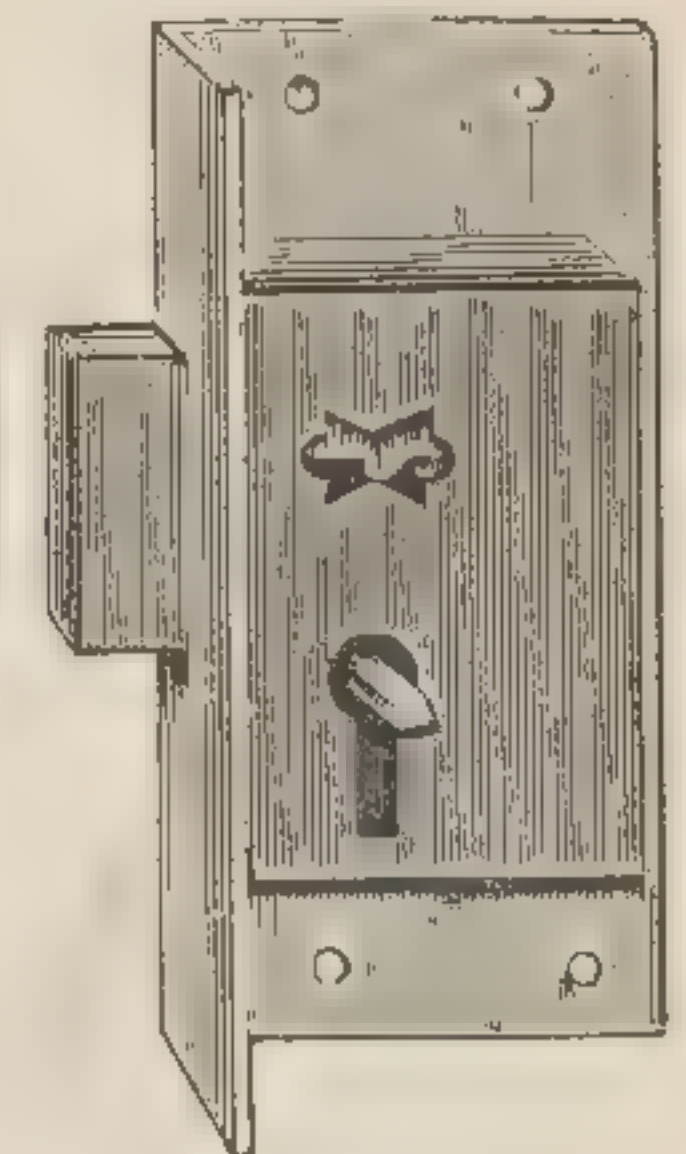
BOX LOCK.

Brass, 1½, 2, 2½, 3, 3½,
4 inch.
HOBBS and other makers.
Iron. 2½, 3, 3½, 4 inch.



STRAIGHT CUPBOARD LOCK.

Brass. 2, 2½, 3, 3½, 4 inch.
HOBBS and other makers.
Iron. 2½, 3, 3½, 4 inch.



CUT CUPBOARD LOCK.

Brass. 2, 2½, 3 inch

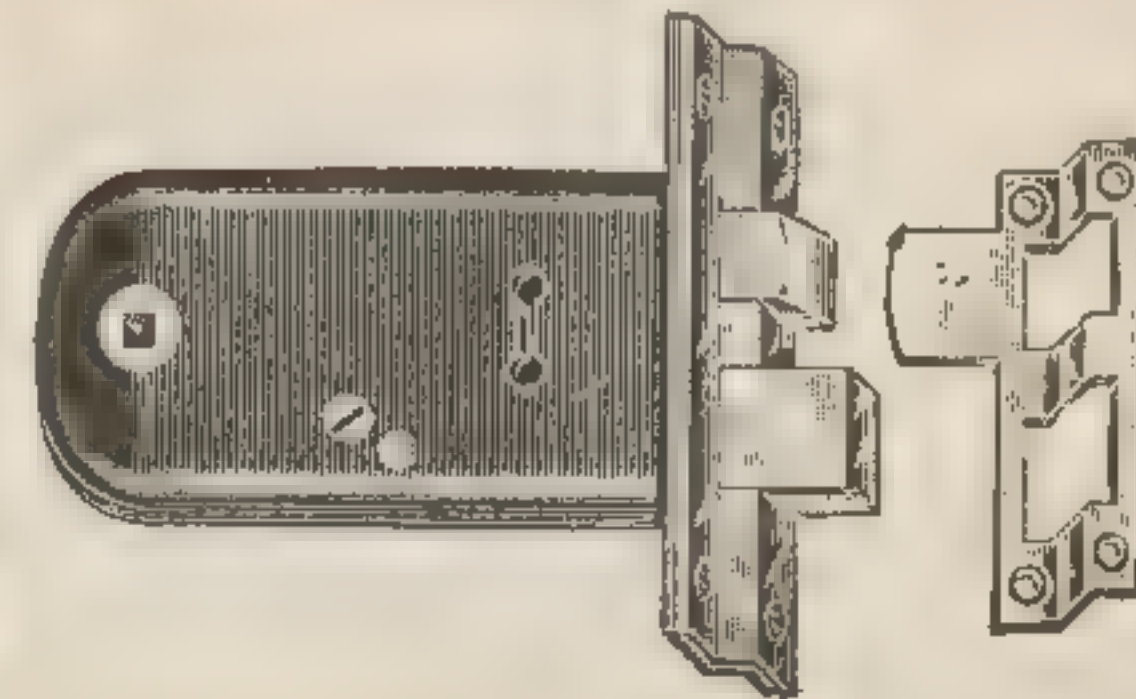
SLOPING DESK LOCKS.

LETTER BAG LOCKS.

Locks. —Continued.



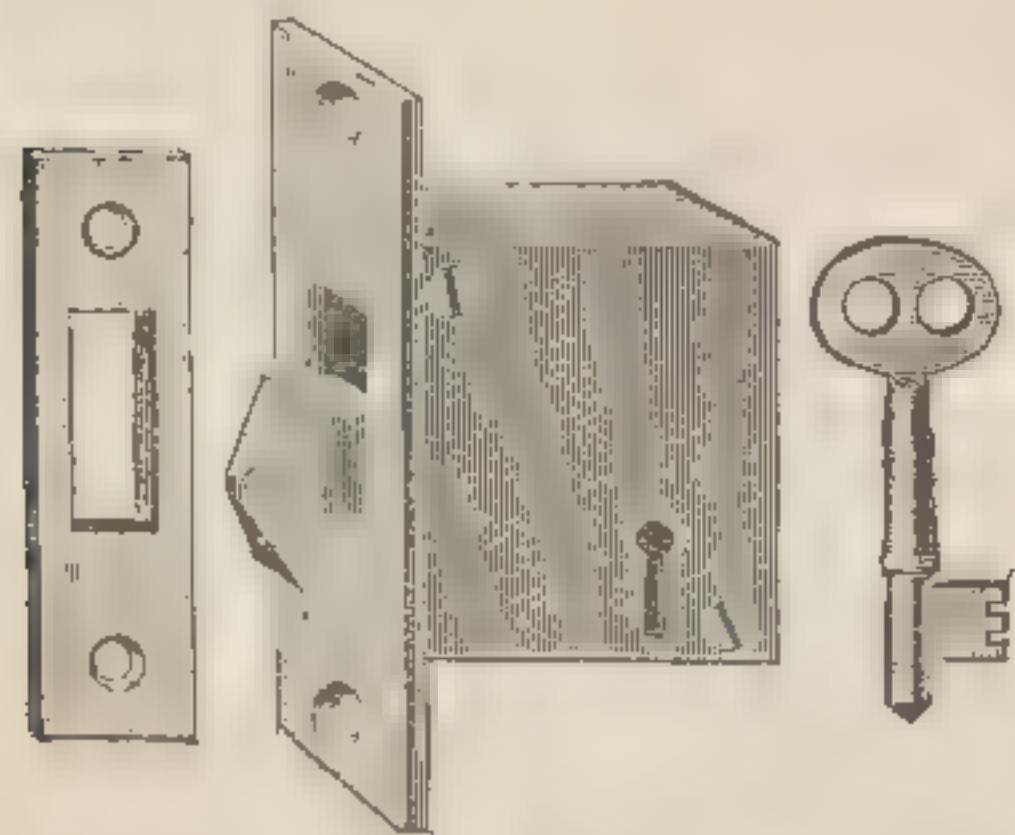
MORTICE SLIDING DOOR LOCK. No. 1.



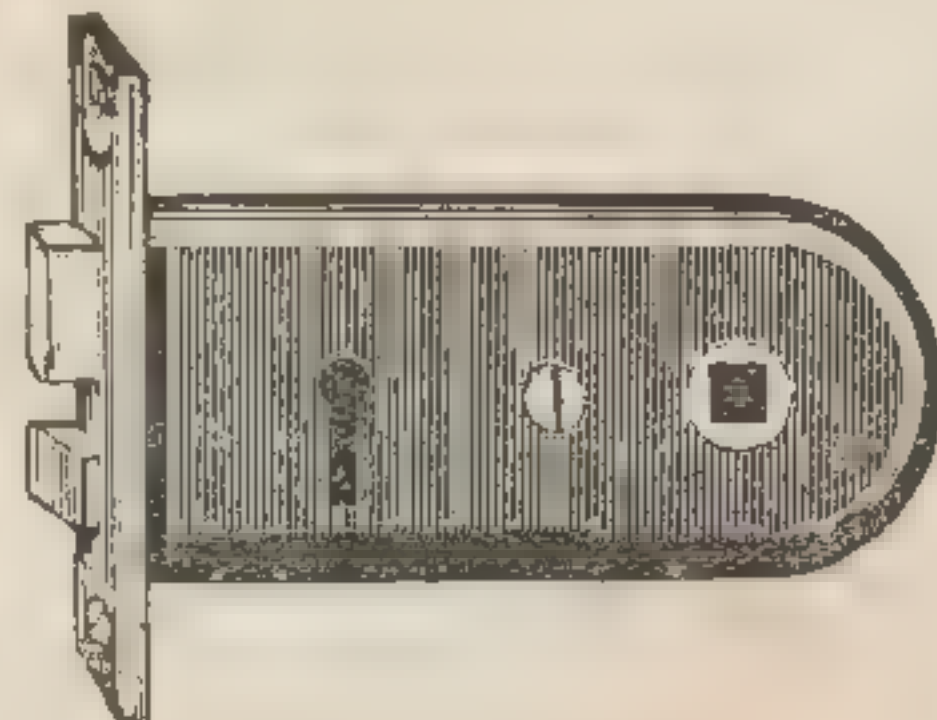
ENGLISH FULL REBATED MORTICE LOCK
5 and 6 inch



FLUSH ESCUTCHEON PLATE
AND PULL,
For
Sliding Door Lock



MORTICE SLIDING DOOR LOCK. No. 2



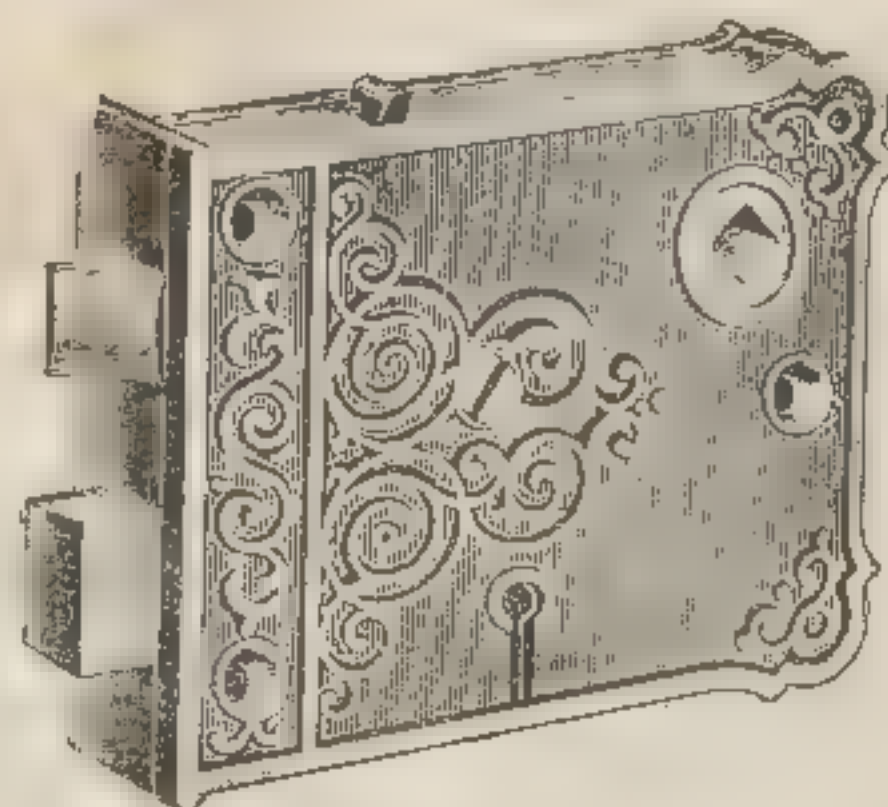
ENGLISH MORTICE LOCK.
Various Patterns. 5, 6 inch.



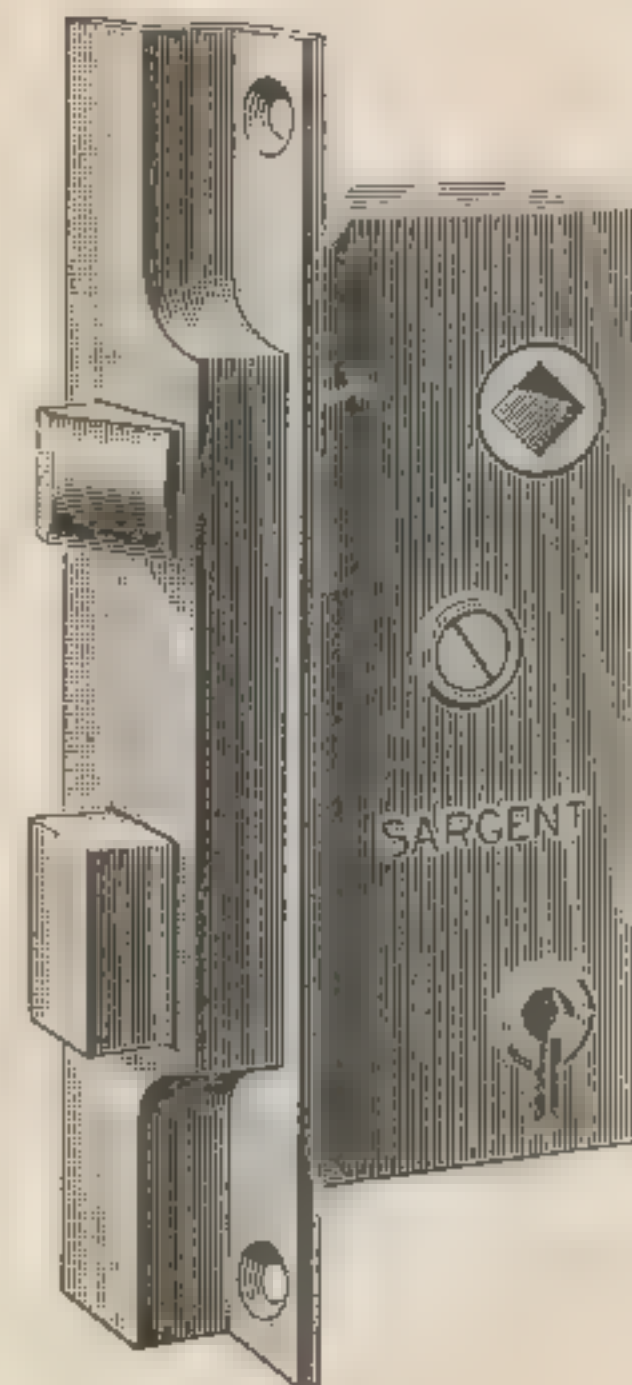
LOCKS FOR SLIDING DOORS in Pairs,
in conjunction with RICHARDS'
ROLLERS for Residences



BRONZED AMERICAN RIM LOCK.
4 inch. No 1.



BRONZED AMERICAN RIM LOCK.
4 inch. No. 2.
Rim and Mortice Locks can be fitted
with all descriptions of Furniture.

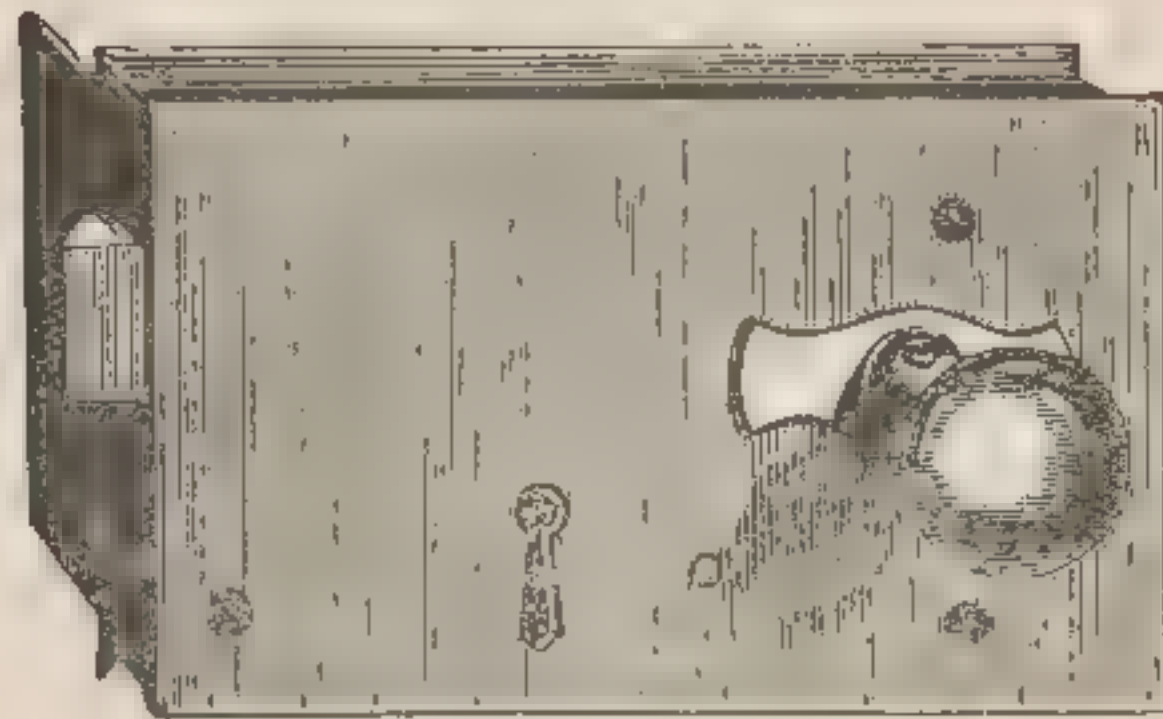


MORTICE SASH LOCK
(Rebated),
2 inches.

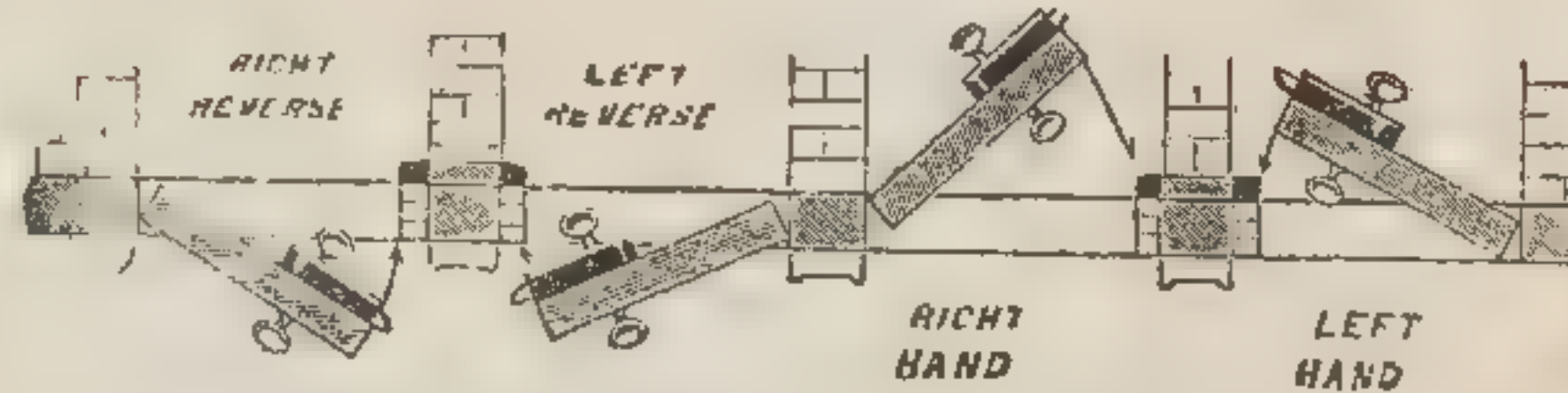


AM. RIM NIGHT LATCH AND LOCK.
Various makes.

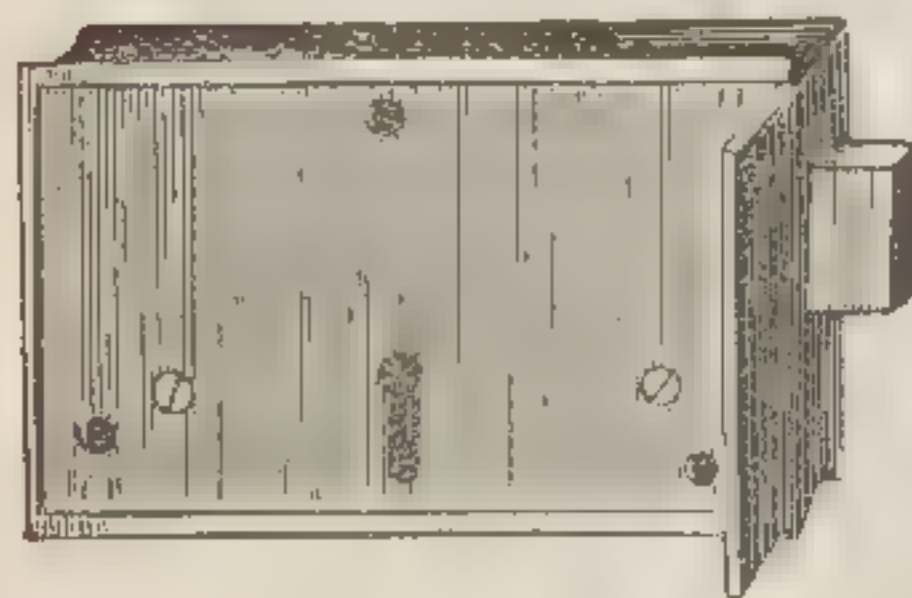
Locks. —Continued.



ENGLISH DRAWBACK LOCK.
CARPENTER'S, VAUGHAN'S, and others.
7, 8, 9, 10 inch.



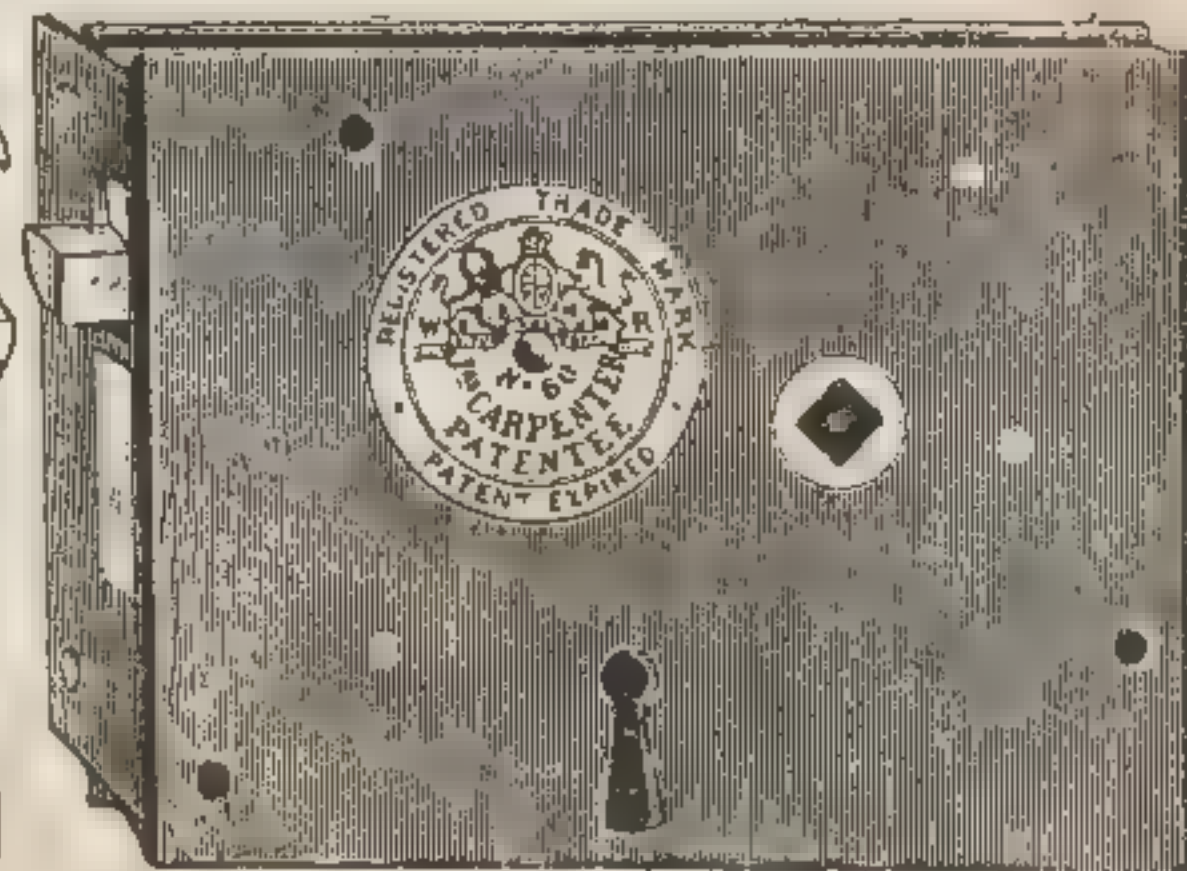
HOW TO TELL THE HAND OF THE LOCK.



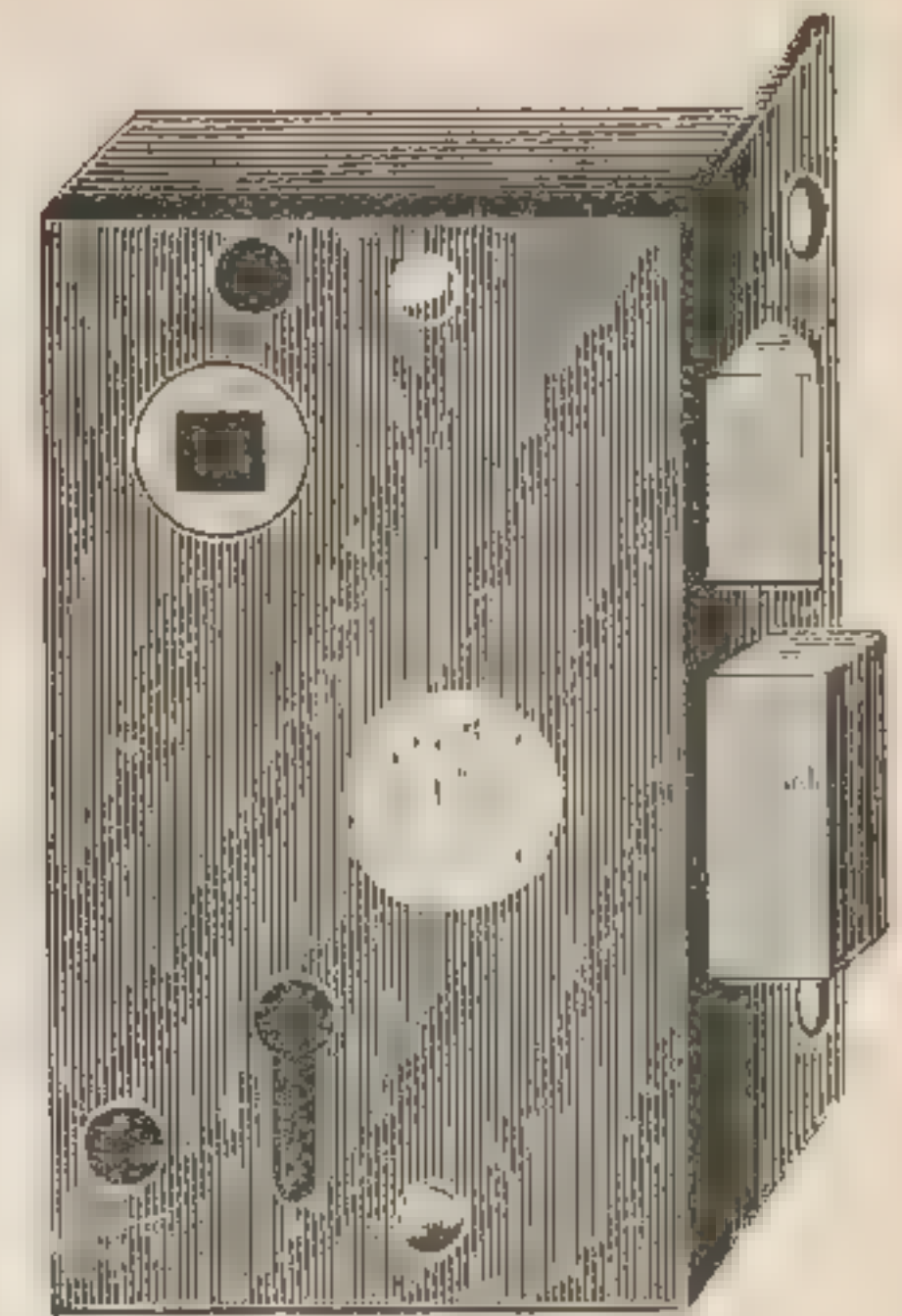
RIM DEAD LOCK. 4, 6 inch.
HOBBS' and other makers.



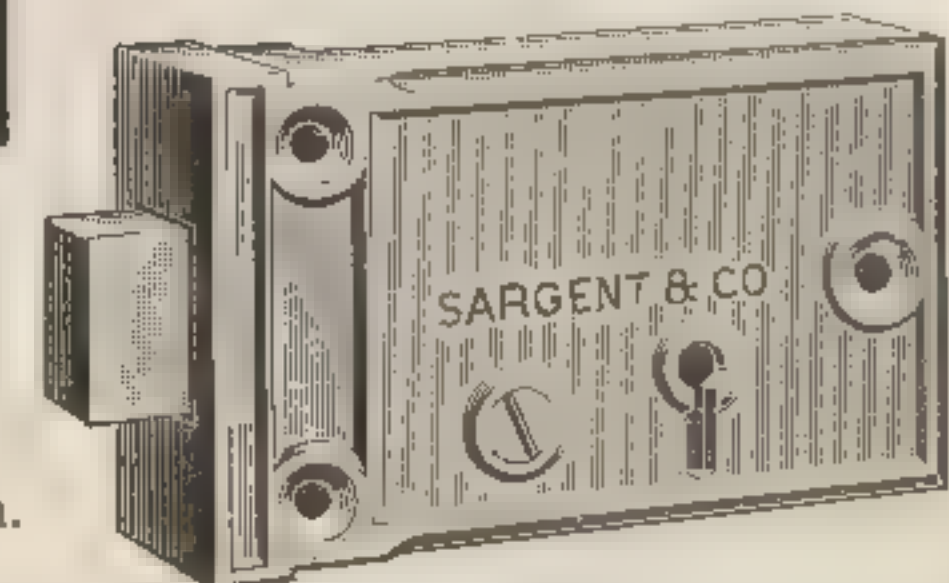
STEEL CASED AM. RIM
LOCK. $4\frac{1}{2}$ inch.



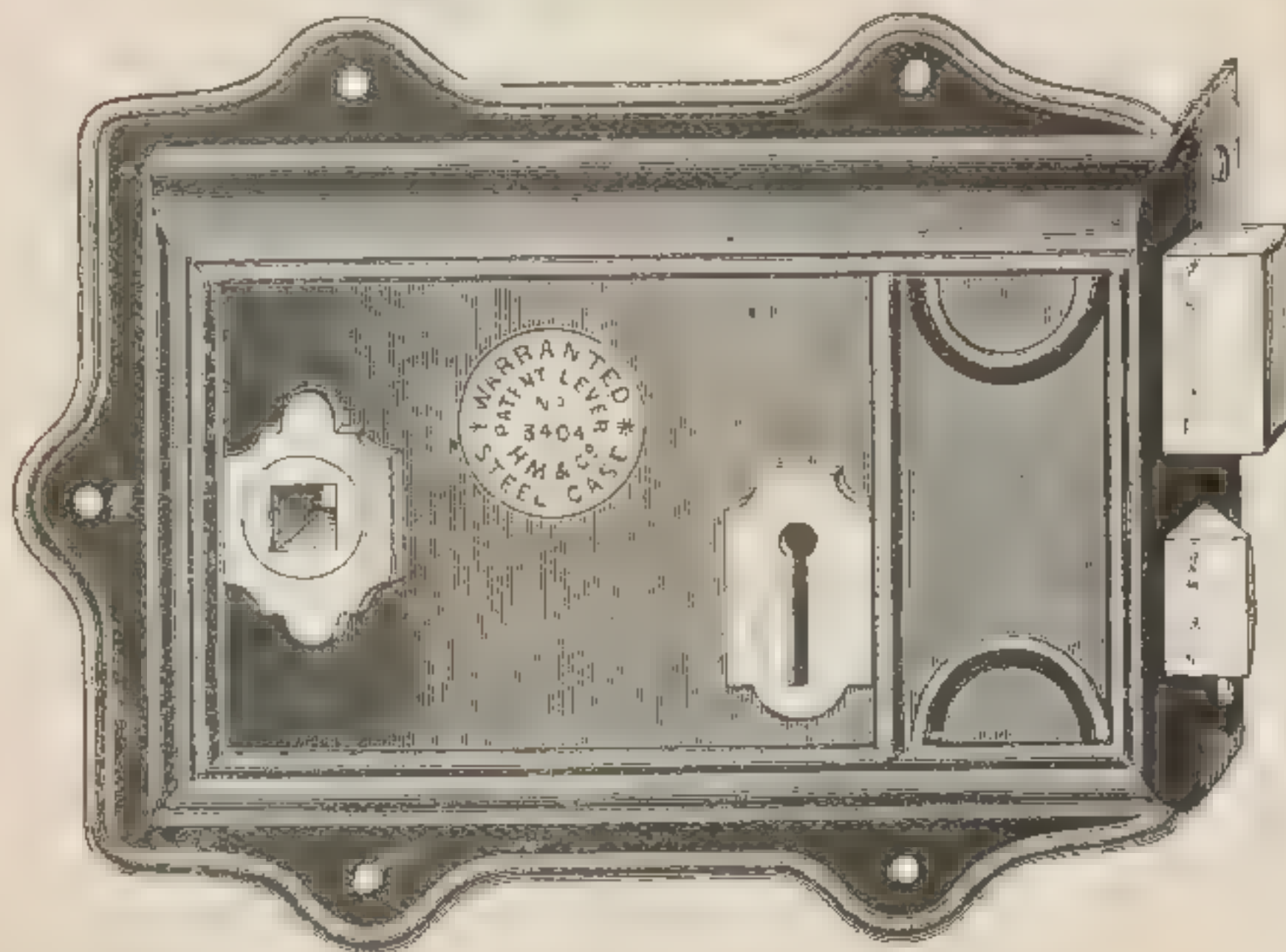
CARPENTER'S PATENT RIM LOCK, No. 60,
6, 7, 8 inch.
VAUGHAN'S and other makers stocked.
VAUGHAN'S Double Handed Rim Locks, 6 inch.
KEYS AND BLANKS FOR ALL LOCKS.



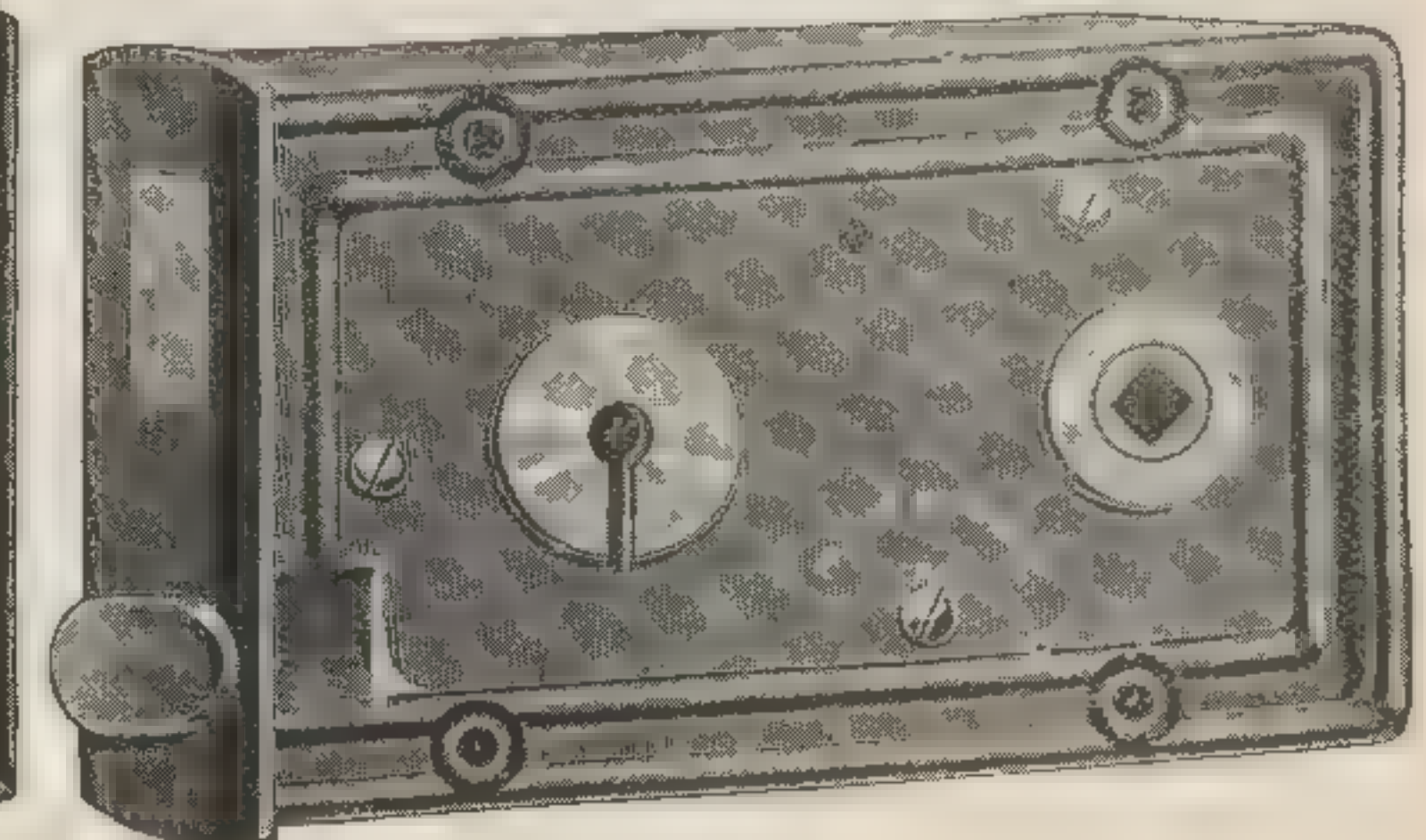
UPRIGHT RIM LOCK.
Japanned Iron or Brass, 4 x $2\frac{1}{2}$ inch.
For Casement Doors



AMERICAN RIM DEAD LOCK.

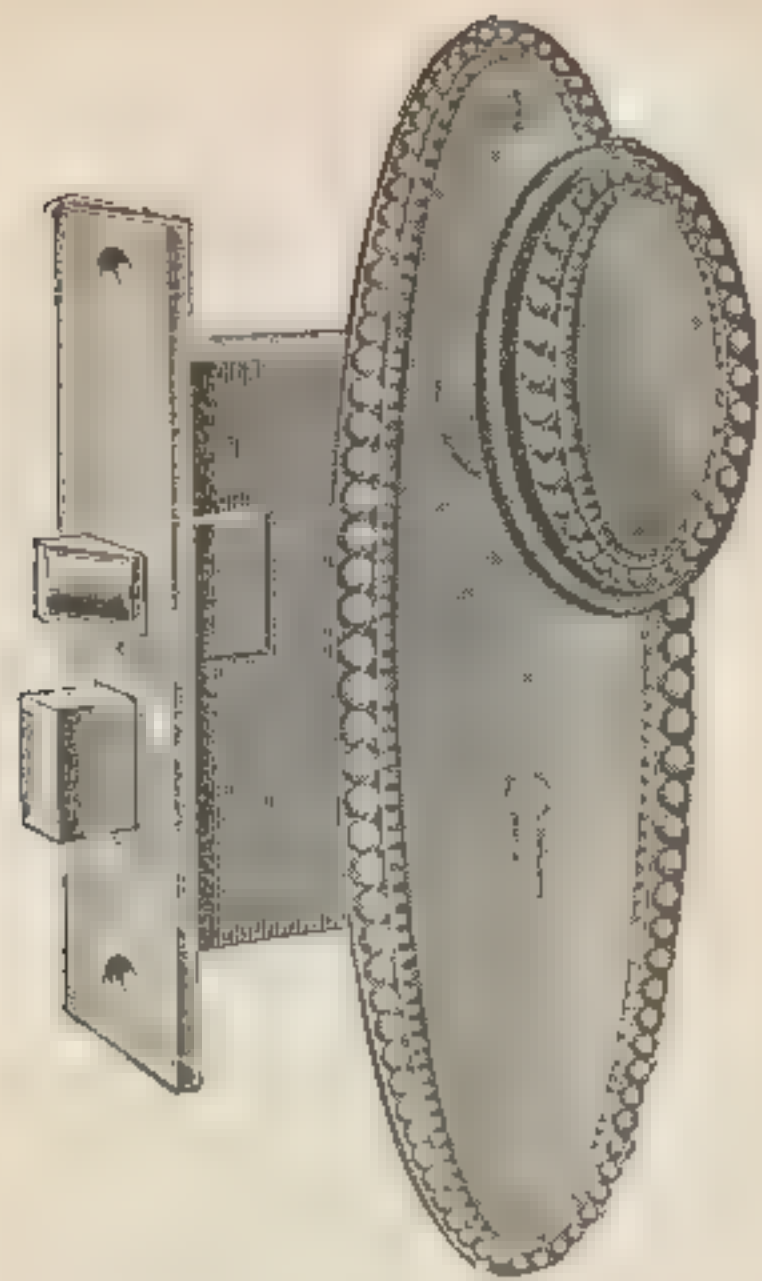


JAPANNED STEEL RIM LOCK.
Brass Bolted, 6 inch.

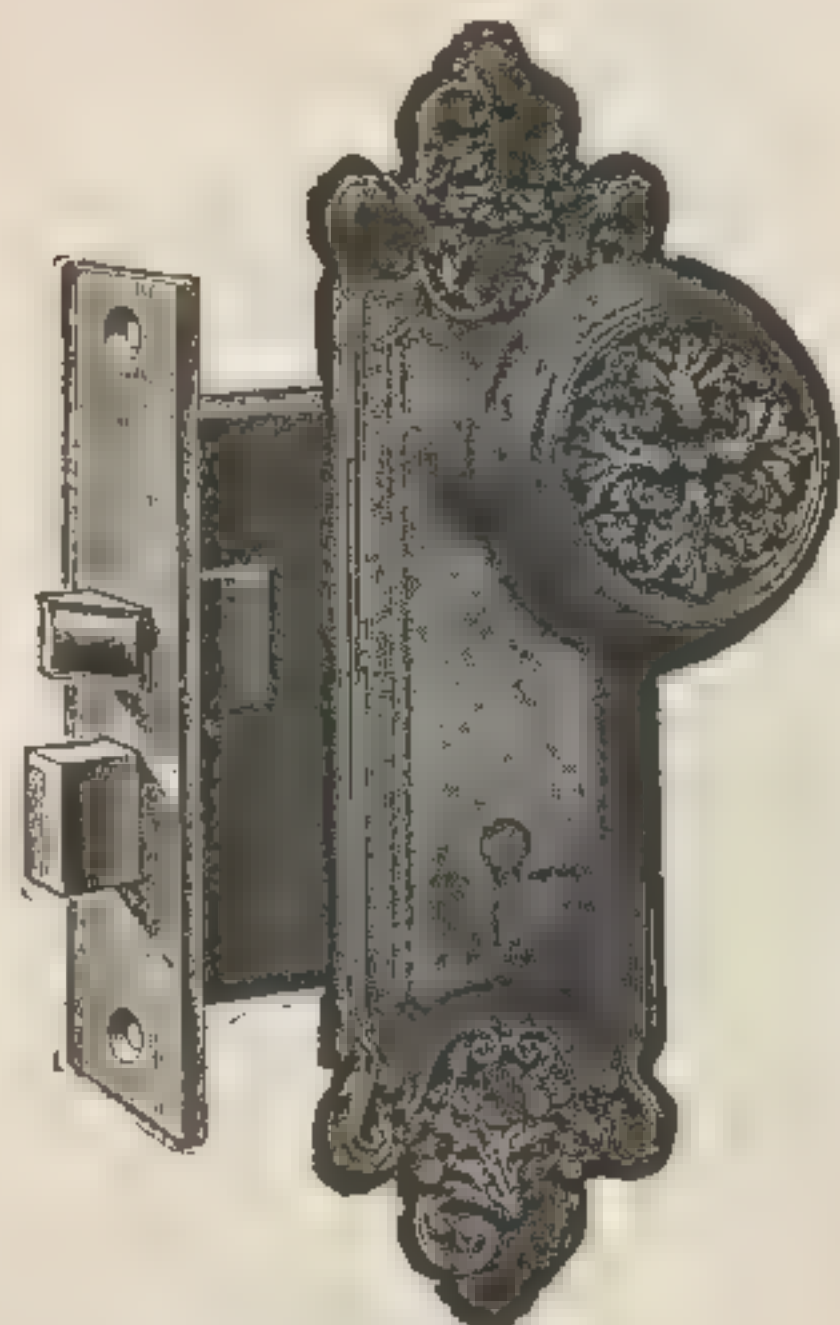


FOUR-WAY RIM LOCK, 6 inch. (Brass Bolted.)

Locks—Internal Door Sets.



No. 1



No. 2.

ANTIQUE COPPER BRONZED ON STEEL.



No. 3.

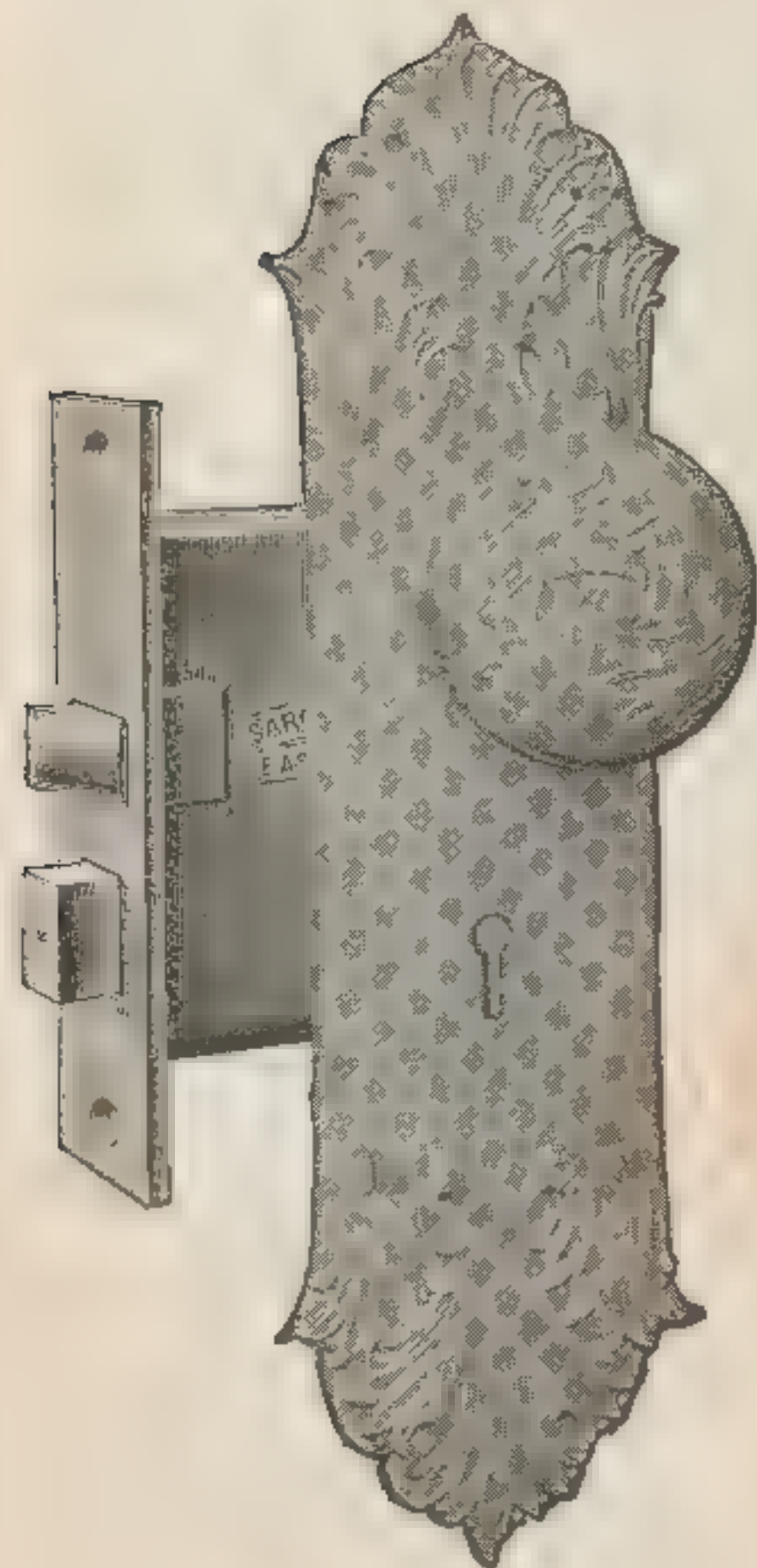


No. 4



No. 5.

ANTIQUE COPPER
ON BRONZE METAL.

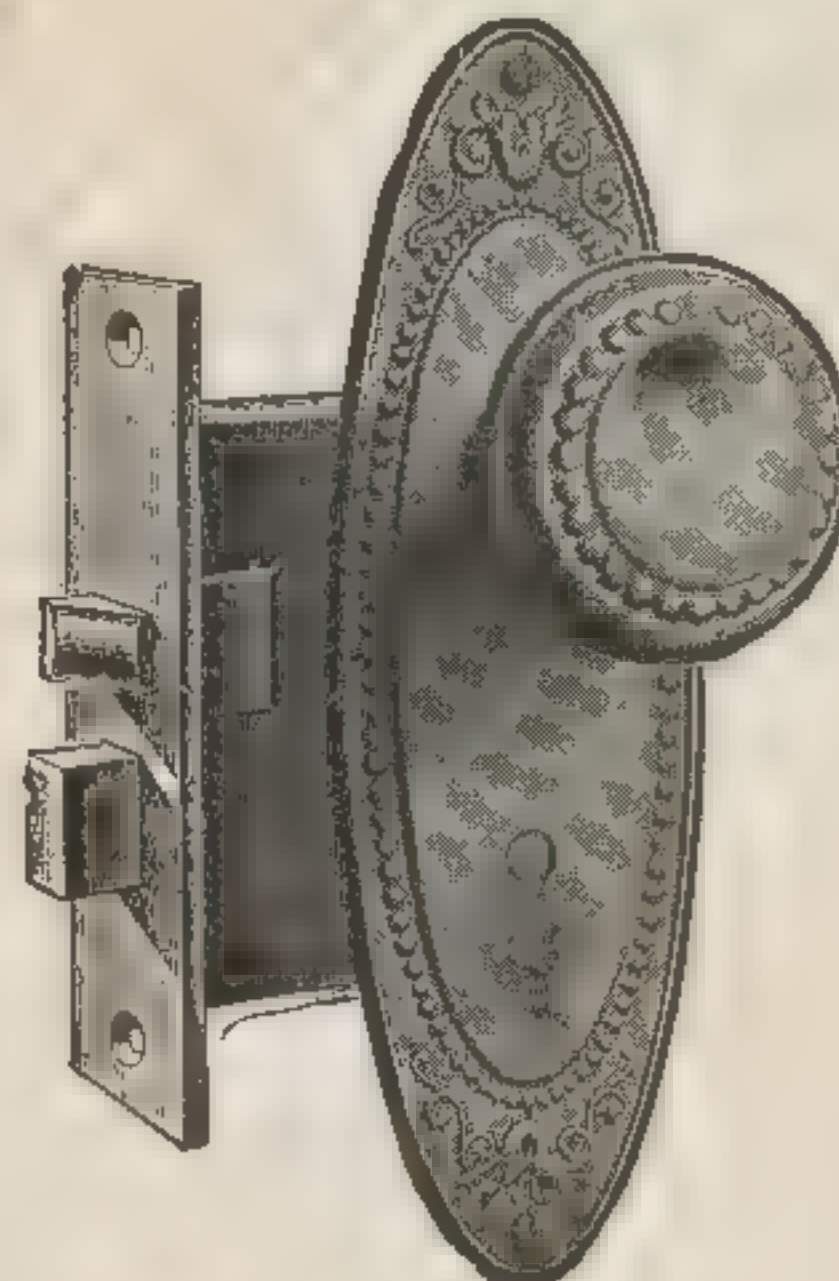


No. 6.



No. 7.

ANTIQUE COPPER ON BRONZE METAL.



No. 8



No. 9.



No. 10.

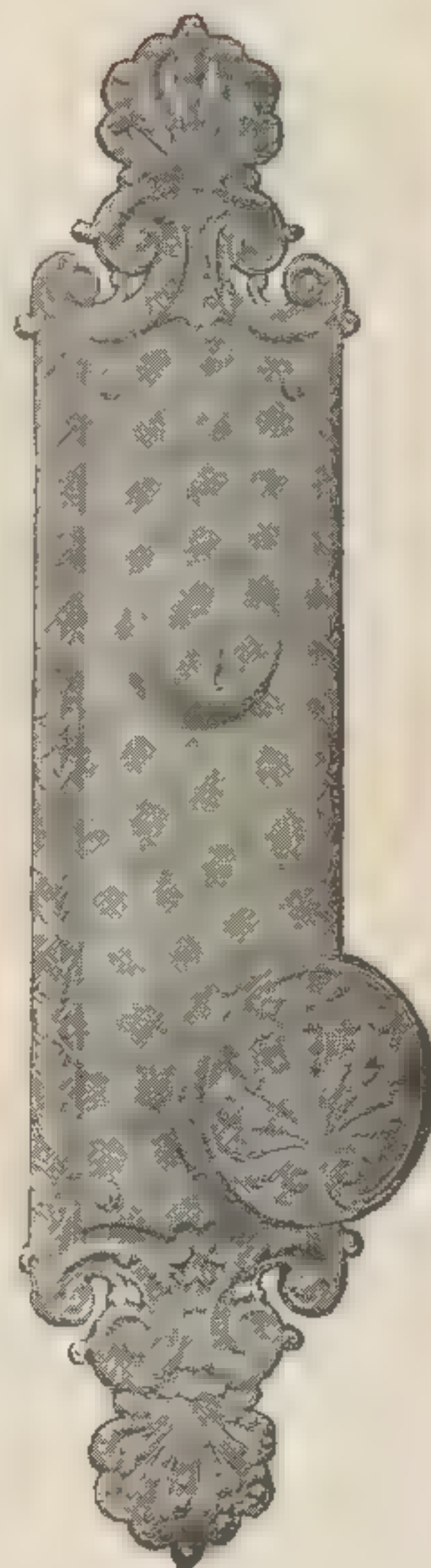
Locks.—Continued.



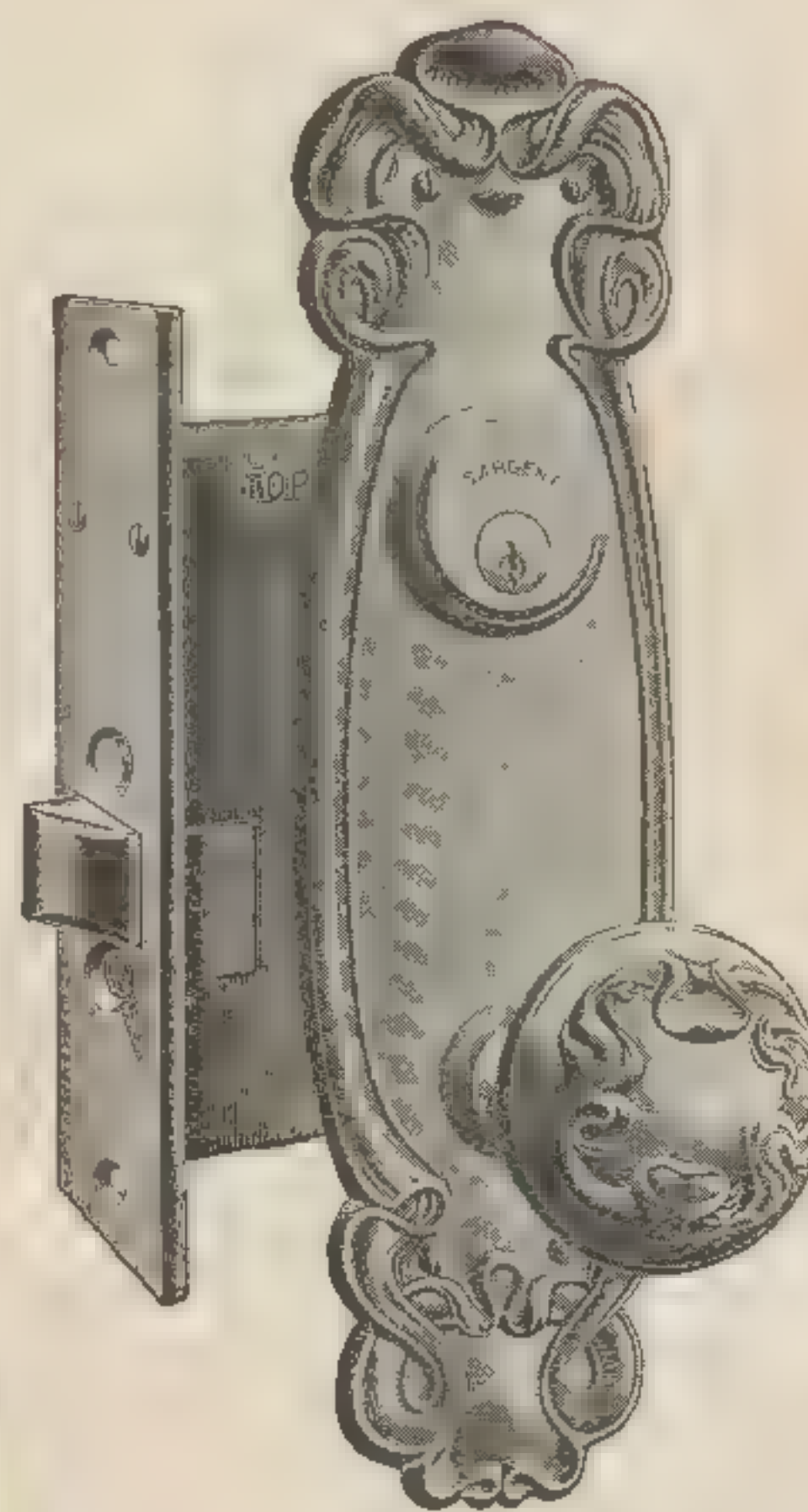
No. 1.
ANTIQUE COPPER
ON BRONZE METAL.



No. 2.
ANTIQUE COPPER ON
STEEL.

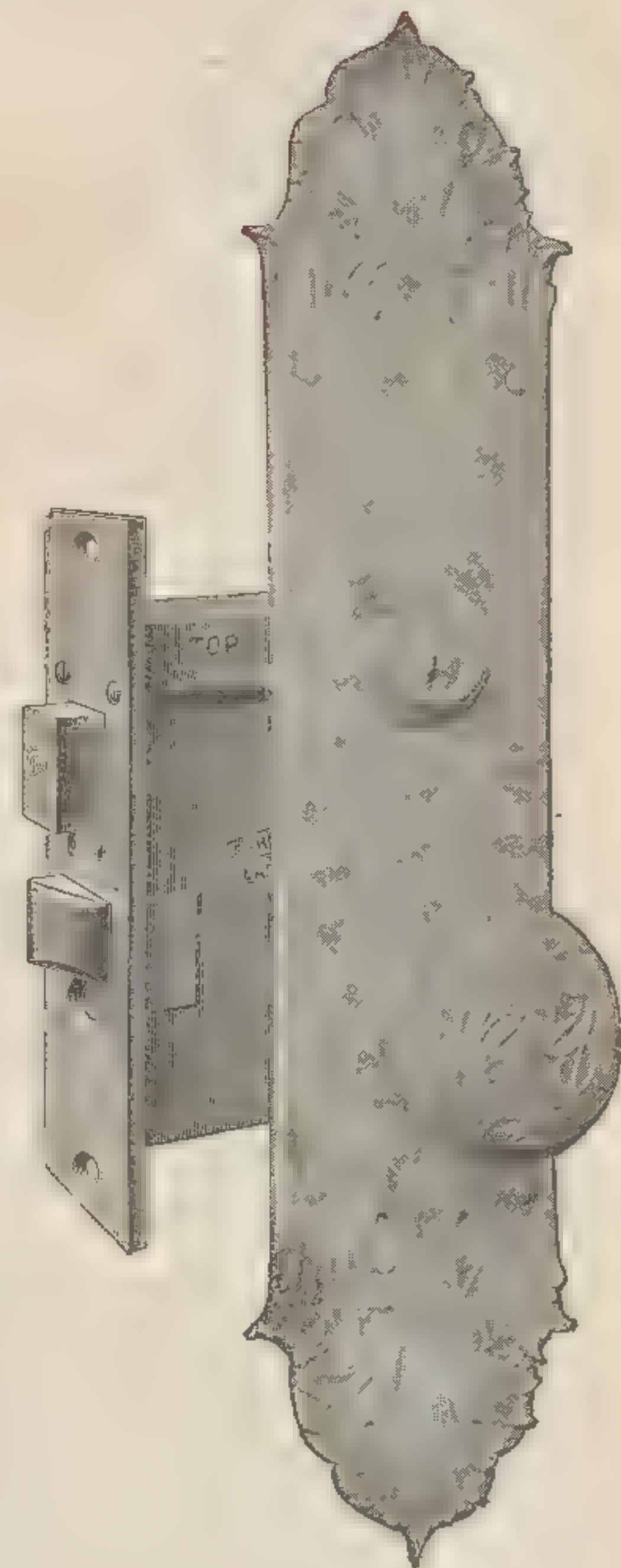


No. 3.



No. 4

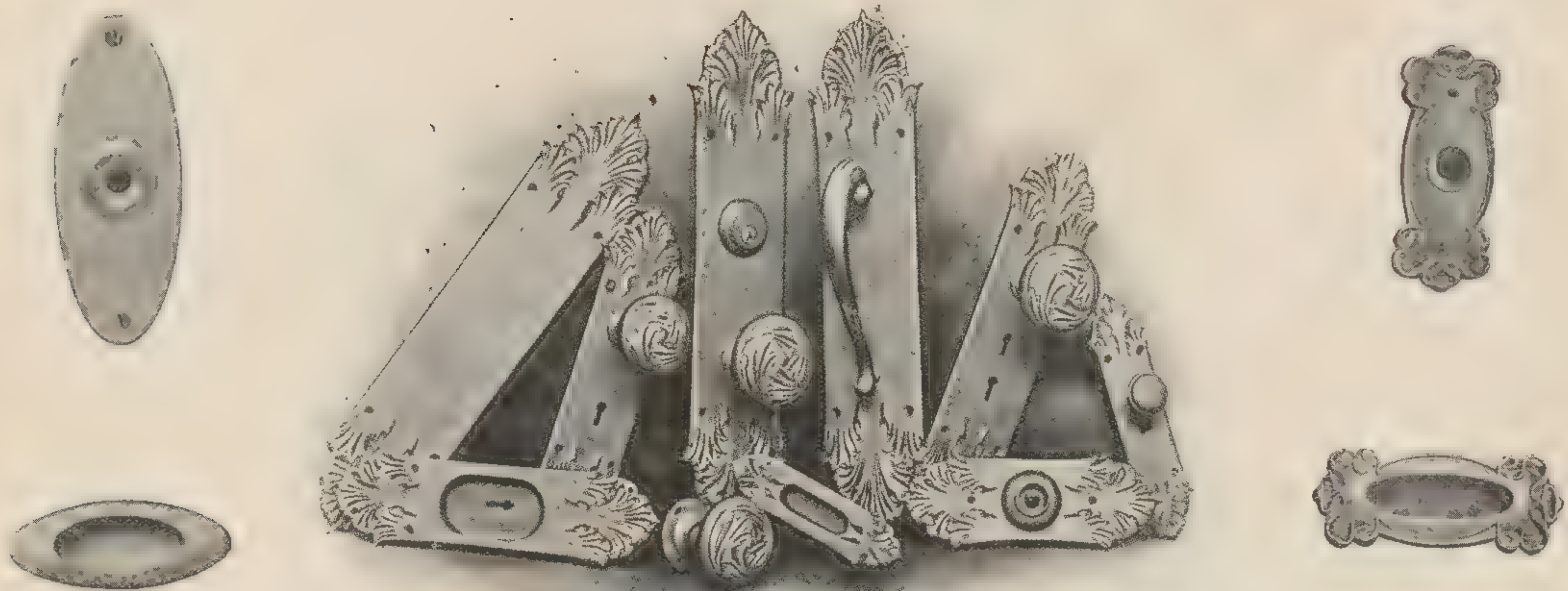
ANTIQUE COPPER
ON BRONZE METAL.



No. 5.

Front Door Lock Sets.

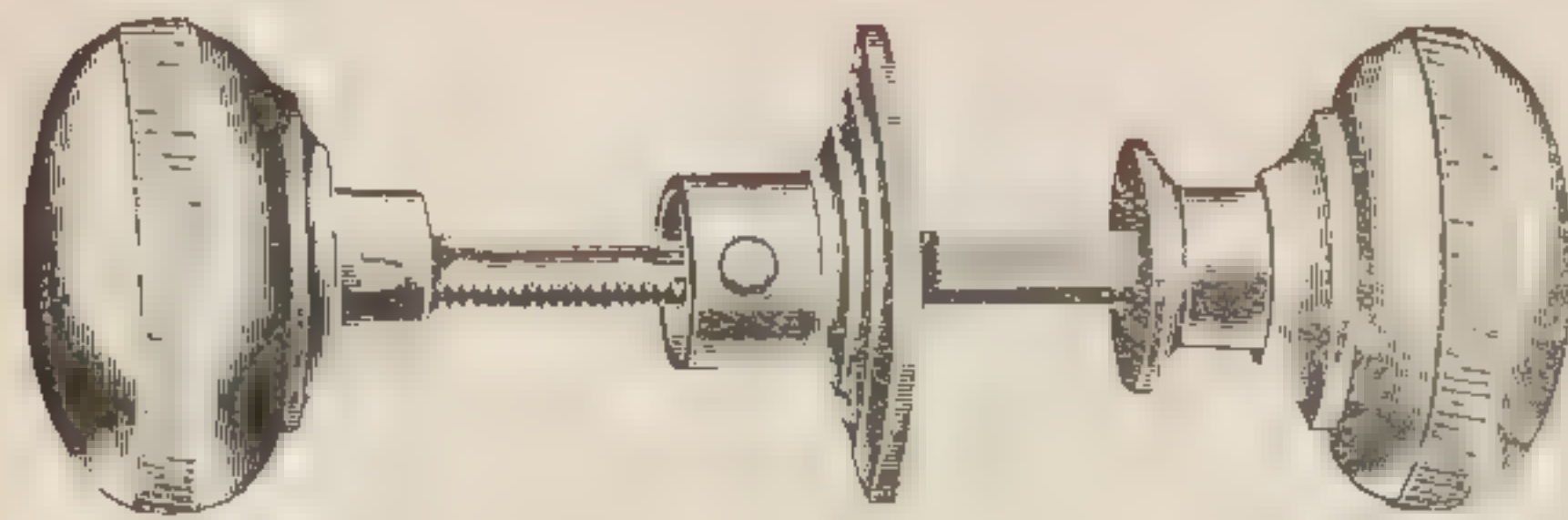
Locks.—*Continued.*



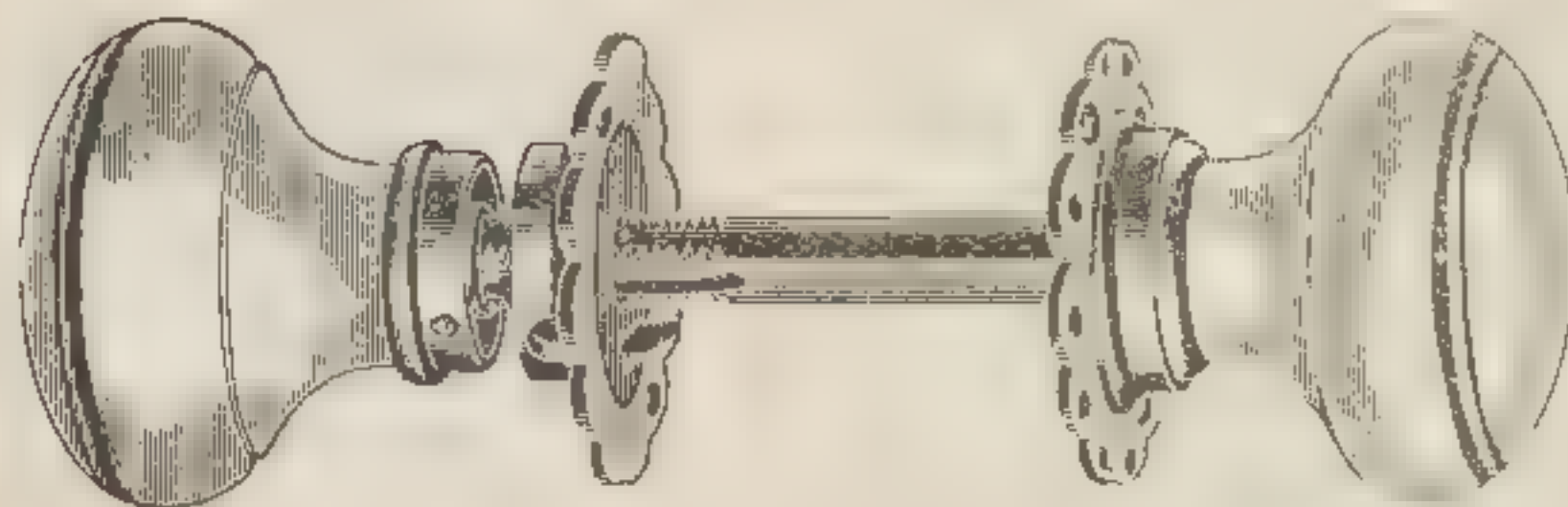
Artistic Metal Door Furniture.

We stock the highest class and most varied assortment of Locks, Furniture, &c., in the Commonwealth
suitable for Government Buildings, Banks, Mansions, or Cottages.

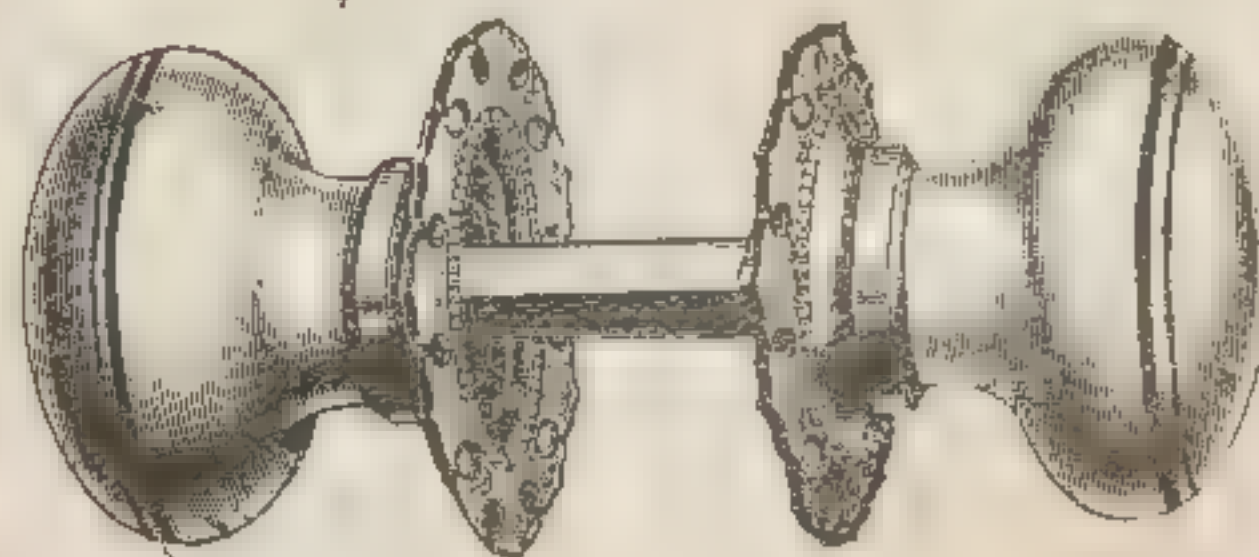
Lock Furniture.



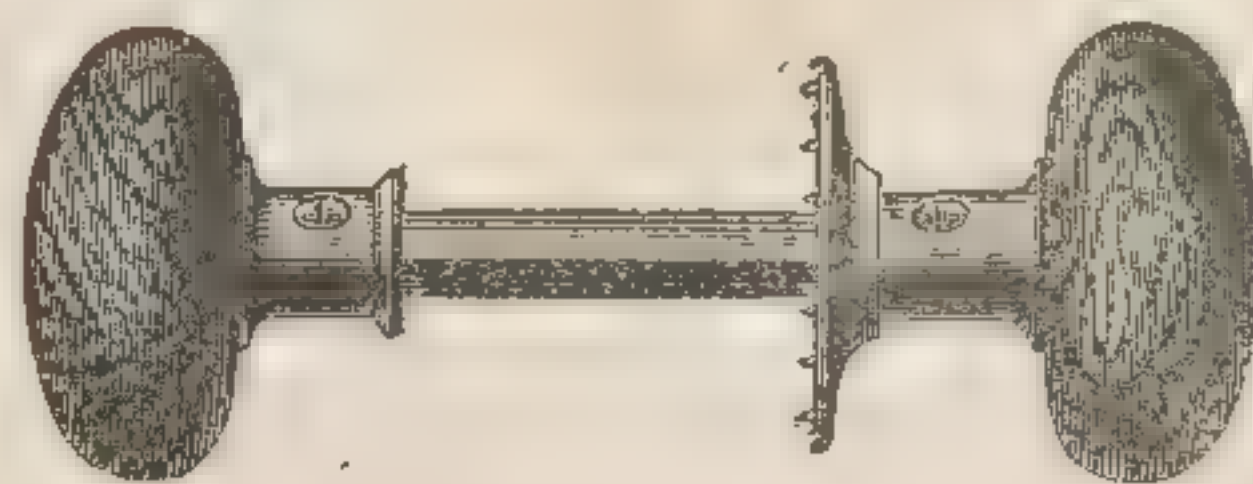
No. 1.
MACE'S BRASS MILLED EDGE FURNITURE.
For Rim and Mortice Locks. 2, 2½ inch.



No. 3.
MACE'S W. & G. RIM AND MORTICE FURNITURE.



No. 6.
PITT'S W. & G. MORTICE FURNITURE.



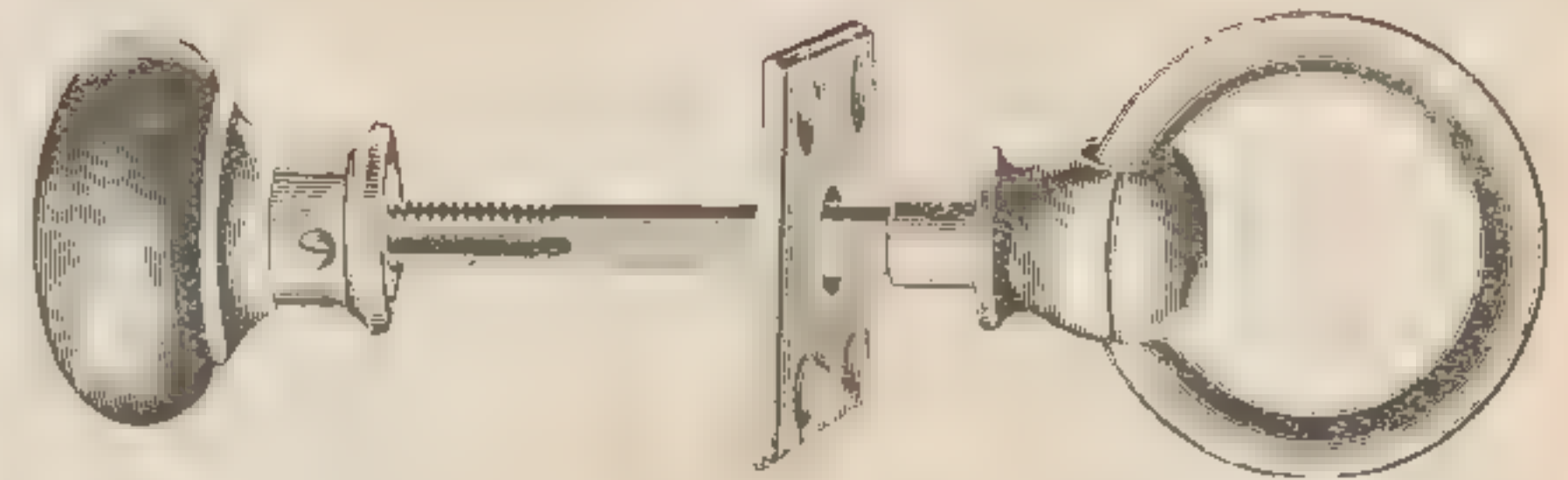
No. 7.
AMERICAN MINERAL FURNITURE.



No. 4.
MACE'S
WOOD FURNITURE



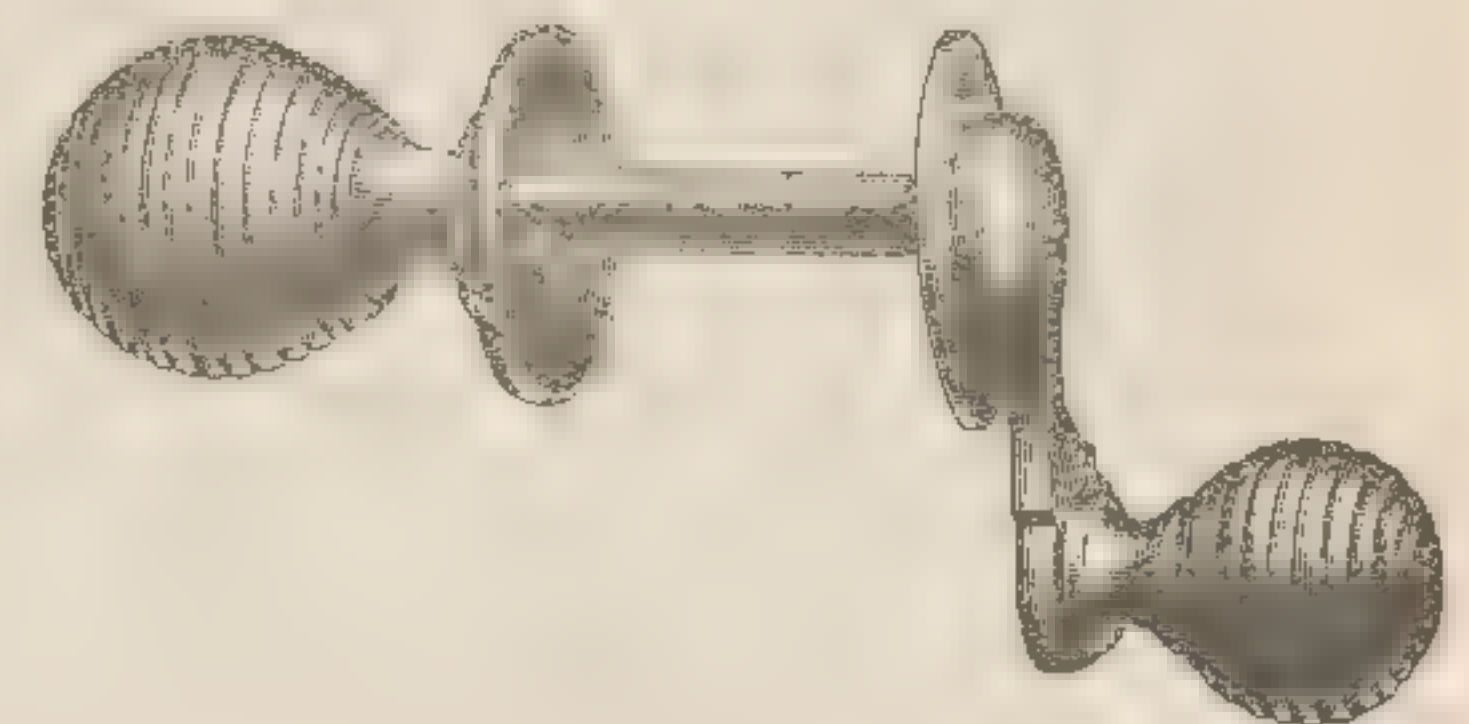
No. 8.
MACE'S
BRASS FURNITURE.



No. 2.
RING AND KNOB BRASS FURNITURE.

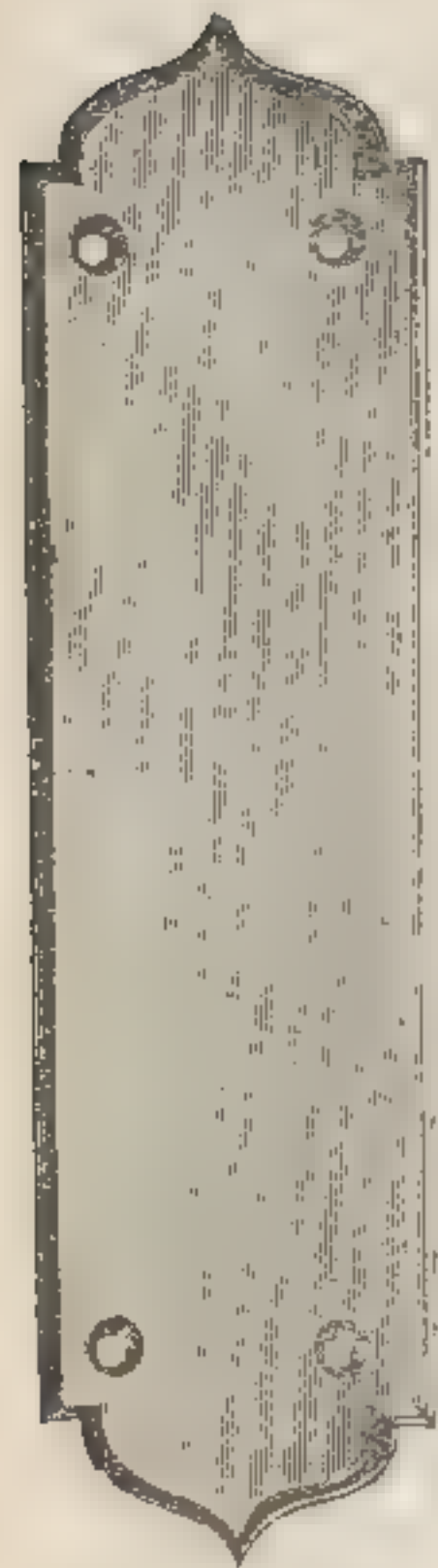


No. 5
CRANK FURNITURE,
Wood and China
and Brass

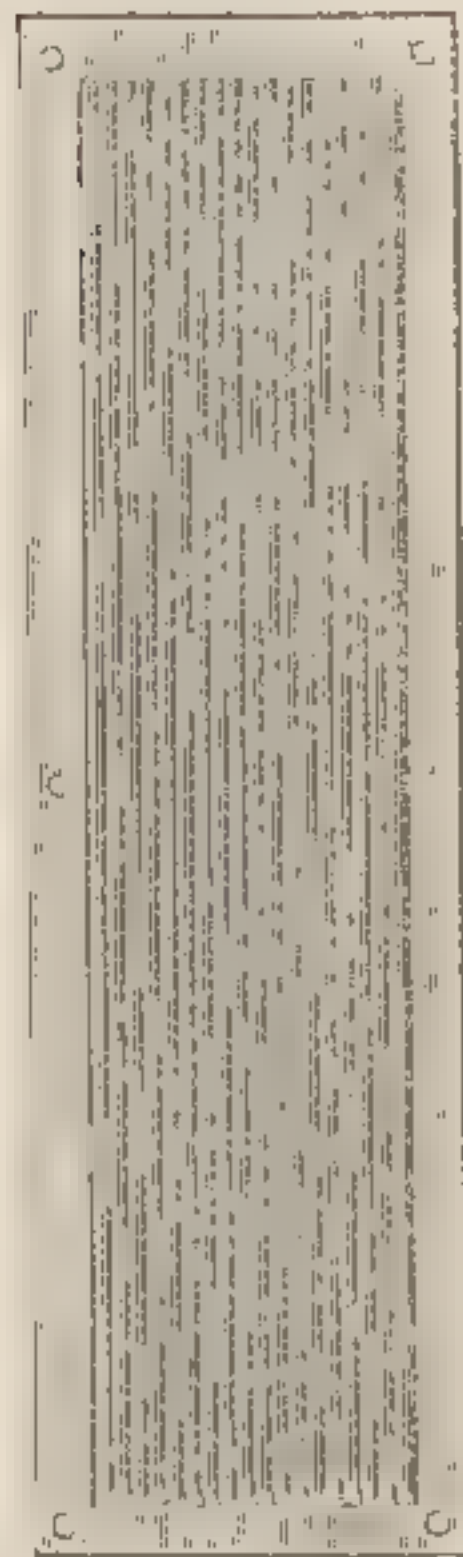


No. 9.
CRANK FURNITURE.
Wood and Brass.

Lock Furniture.—Continued. Finger Plates.



No. 1.



No. 2.



No. 3.



No. 4.



No. 5.



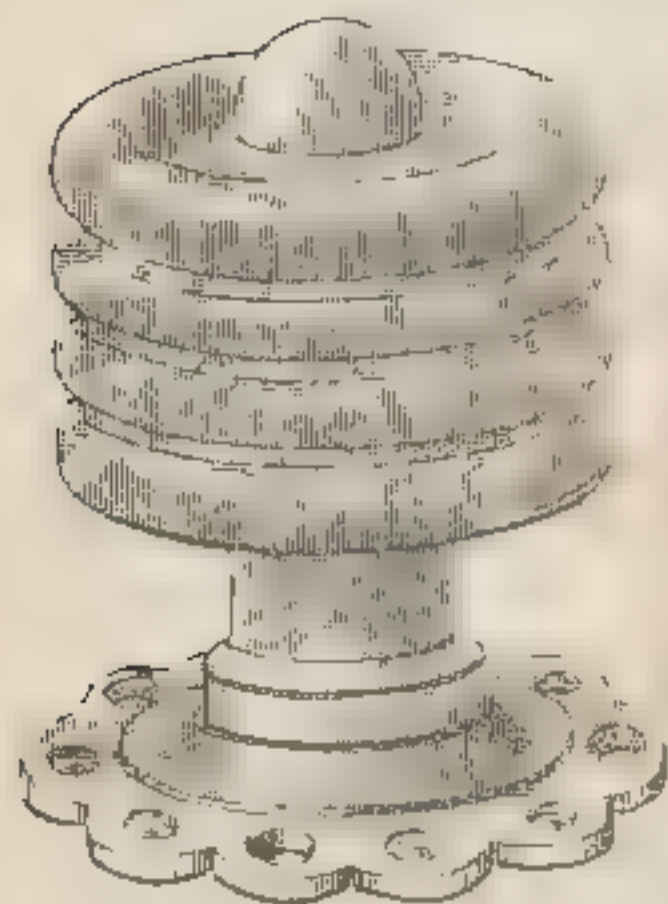
No. 6. W. & G. China.
Also,
B. & G. China.



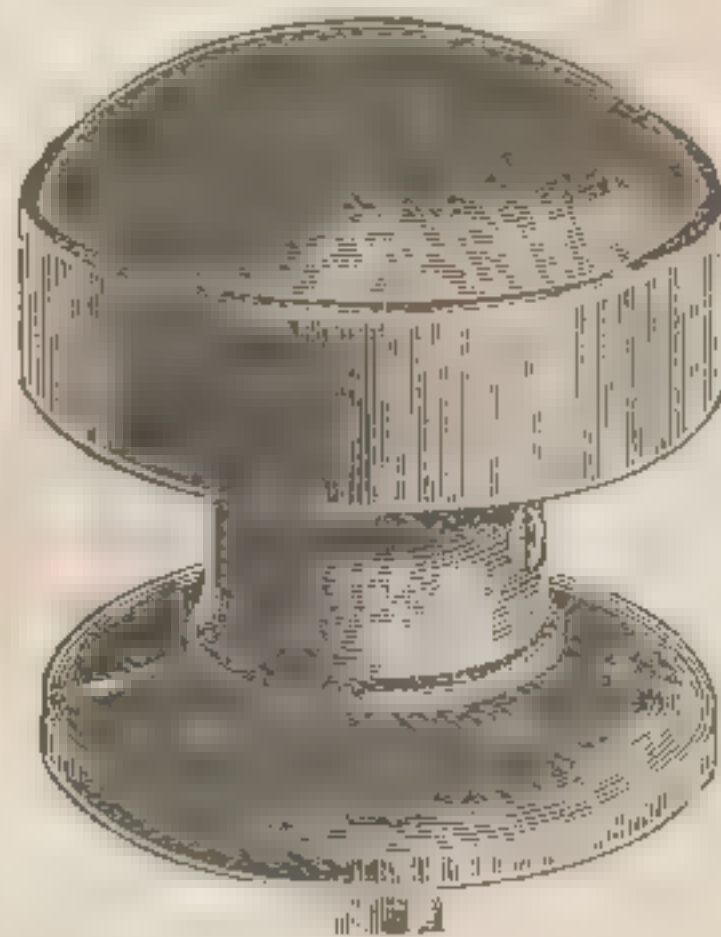
No. 7. Crystal
and
Amber Glass

WOOD, OAK, EBONY, COCOA.

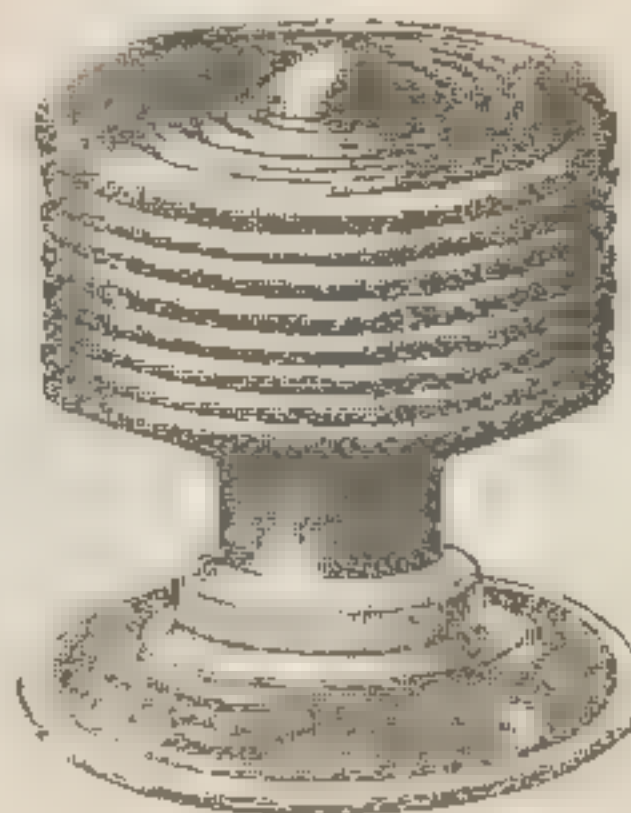
Mace's Mortice Lock Furniture



No. 10

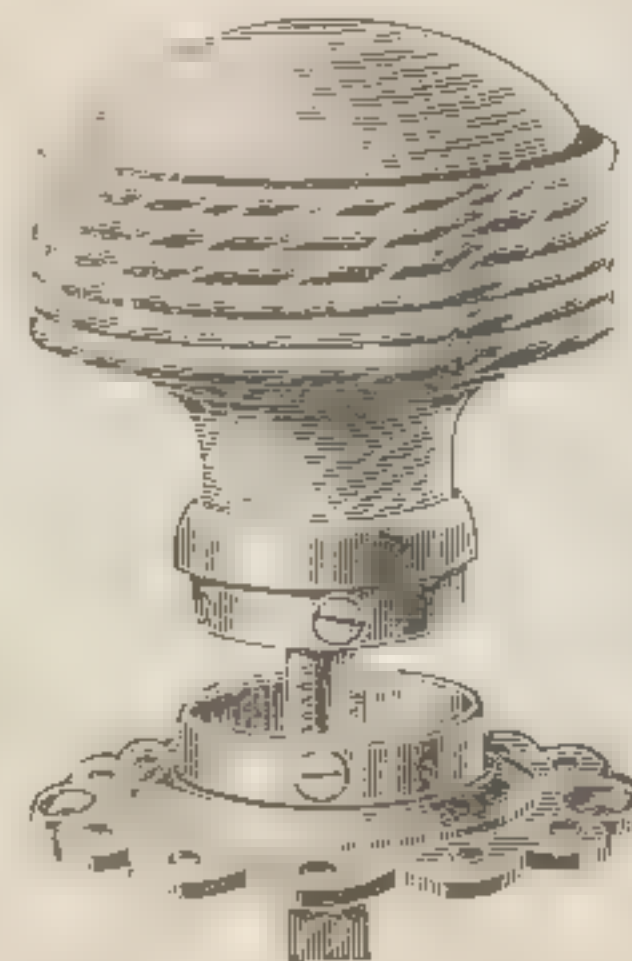


No. 11

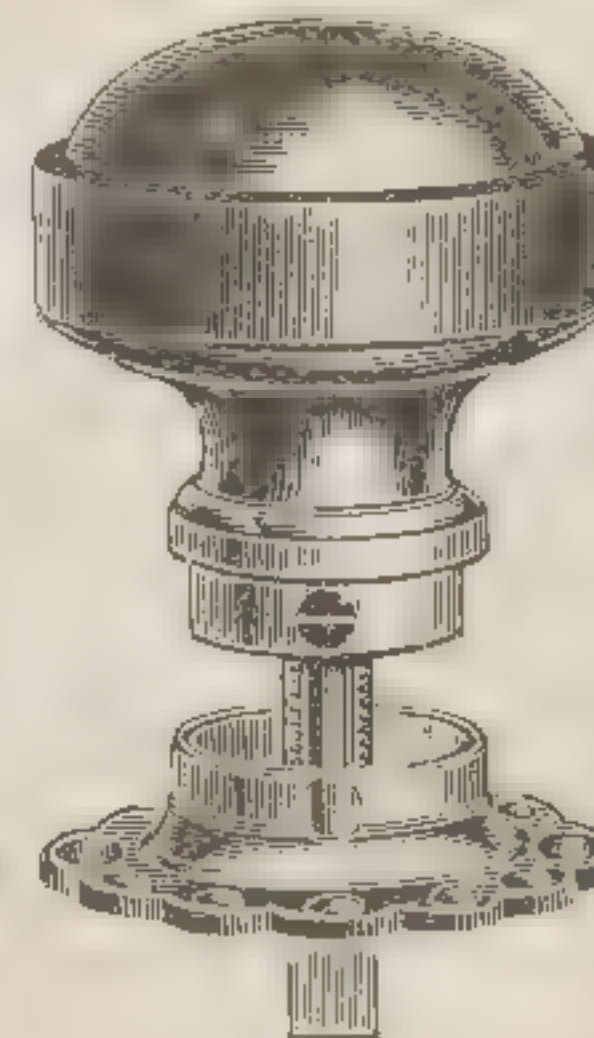


No. 12

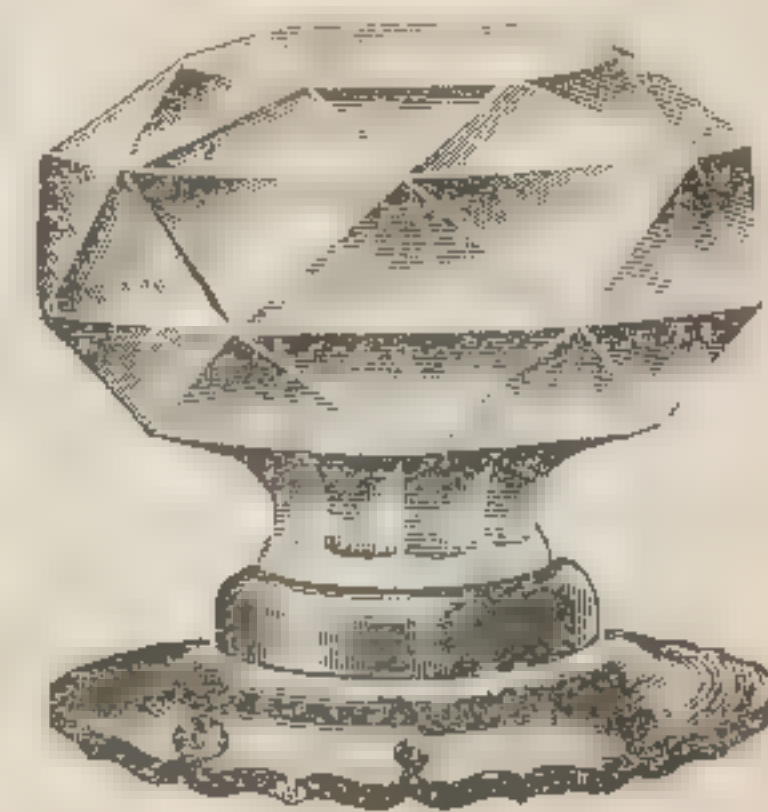
WOOD, OAK, EBONY, COCOA.



No. 13



No. 14.



No. 15.
Glass, Crystal & Amber.

English Art Lock Furniture and Finger Plates.



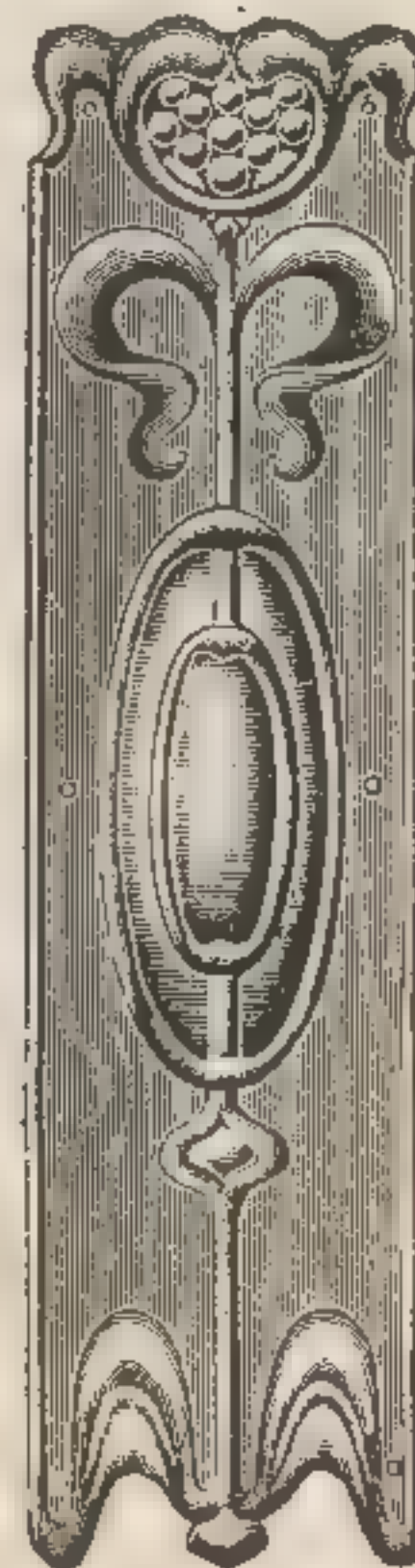
No. 16.



No. 17.



No. 18.



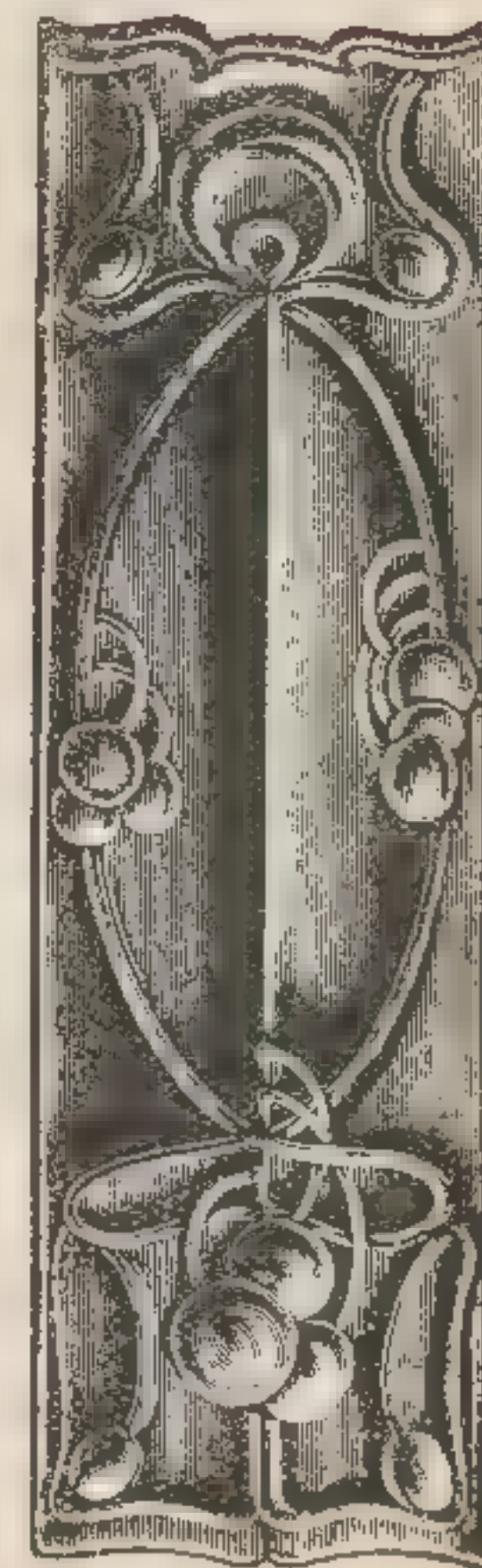
No. 19.



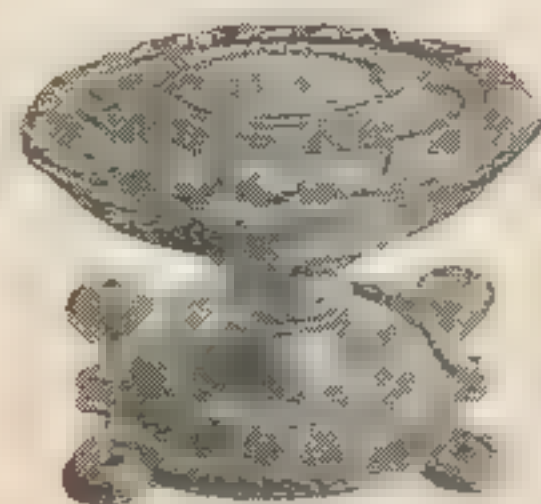
No. 20.



No. 21.



No. 22.



No. 23.



No. 24.



No. 25.



No. 26.



No. 27.



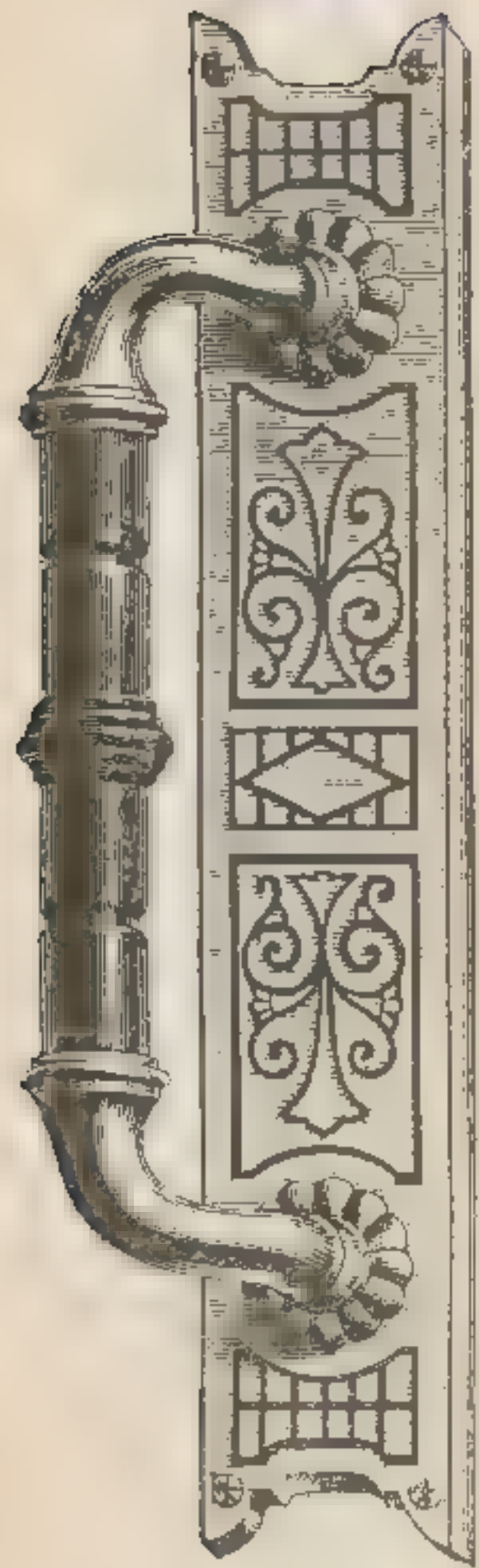
No. 28.



No. 29.

ANTIQUE COPPER, BRONZE FINISH.

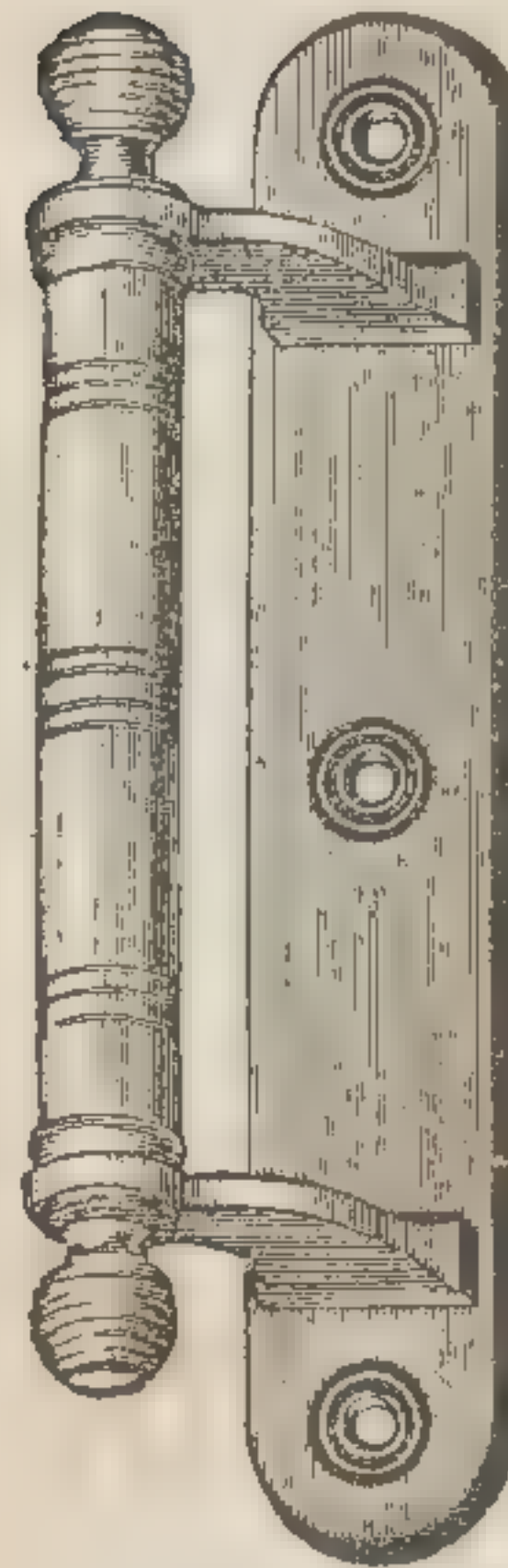
Door Handles.



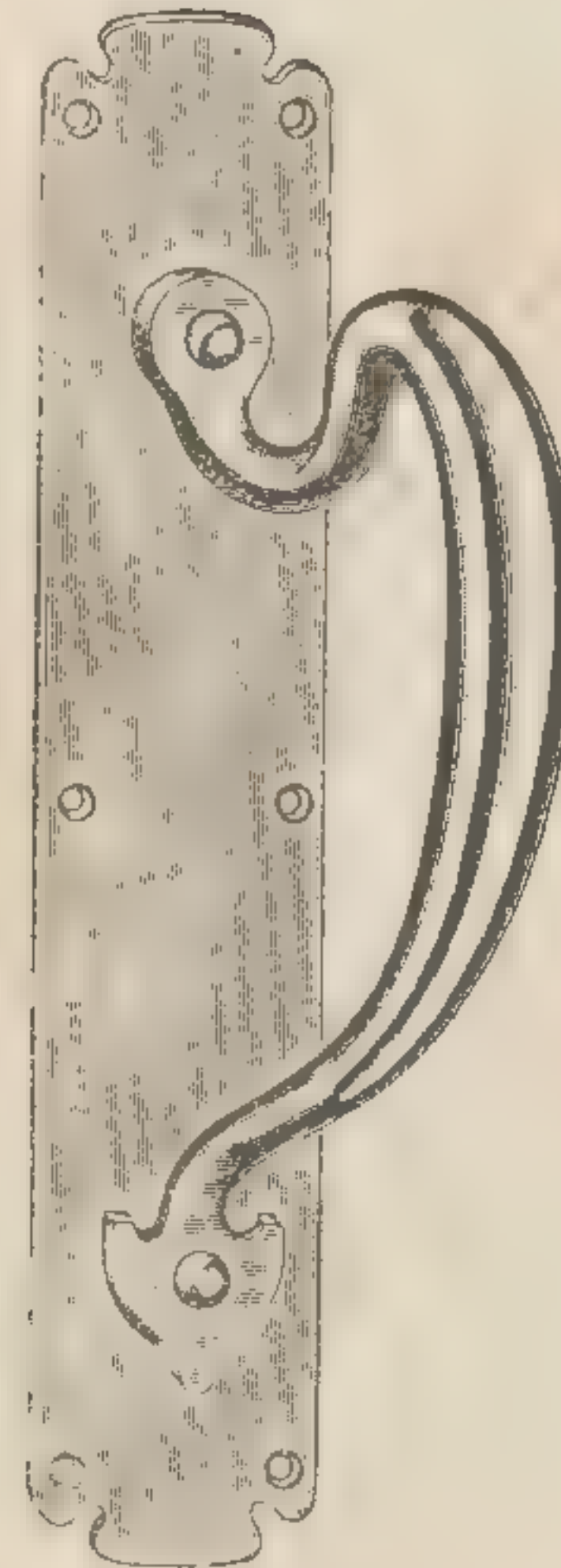
No. 1.
BRASS, EBONY GRIP.



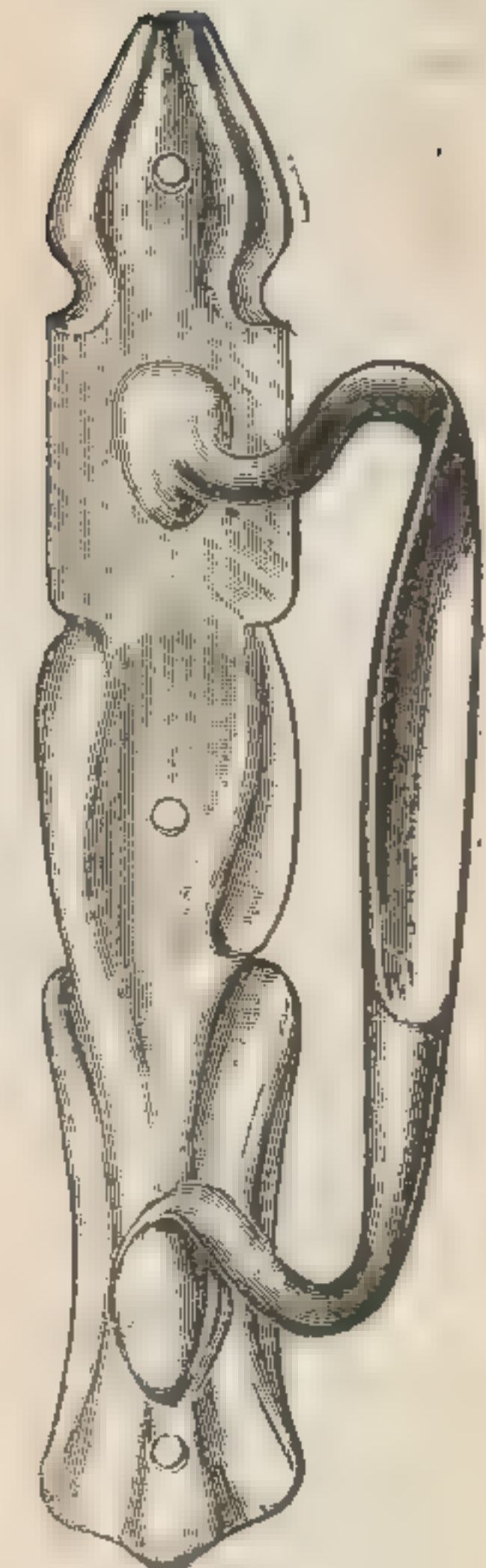
No. 2.
BRASS AND ANTIQUE COPPER.



No. 3.
ALL BRASS, AND BRASS WITH
EBONY GRIP.



No. 4.
BRASS AND ANTIQUE COPPER.



No. 5.
ANTIQUE COPPER.



No. 1.



No. 2.
POSTAL HANDLES, WITH PLAIN FLAP, ANTIQUE COPPER FINISH.

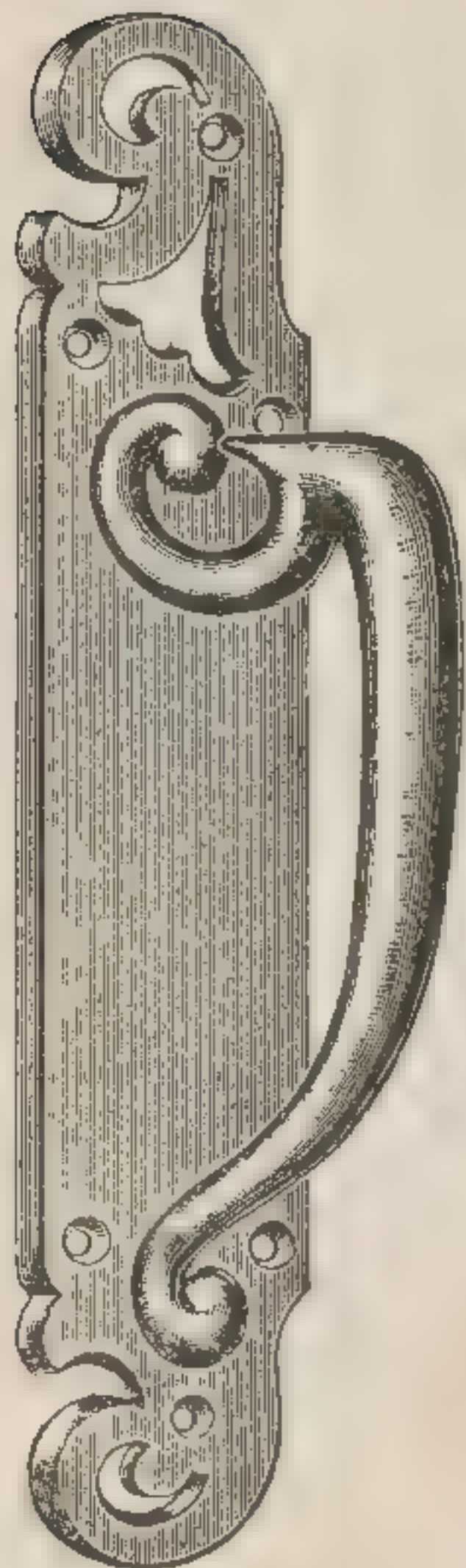


No. 3.

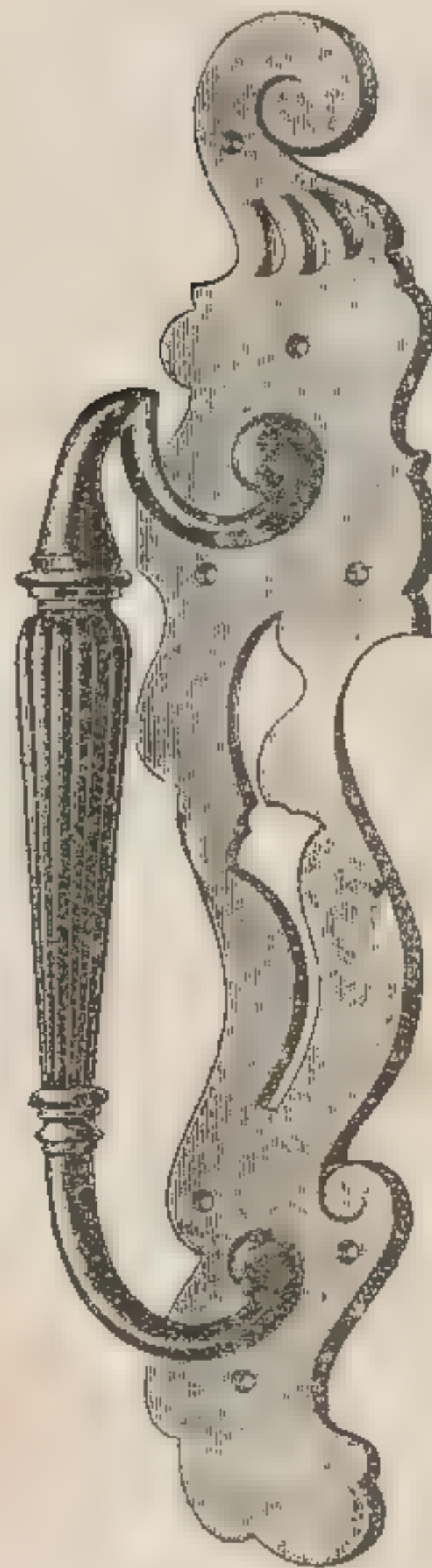
Door Handles—Continued



No. 6.
ANTIQUED
COPPER
FINISH.



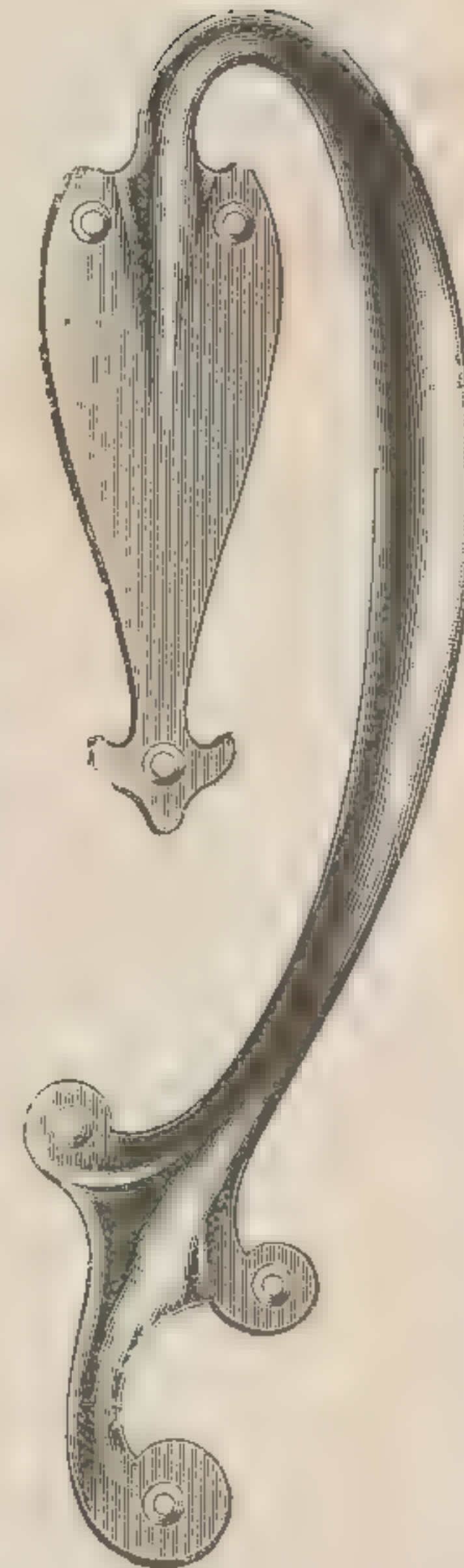
No. 7.
IRON METAL.



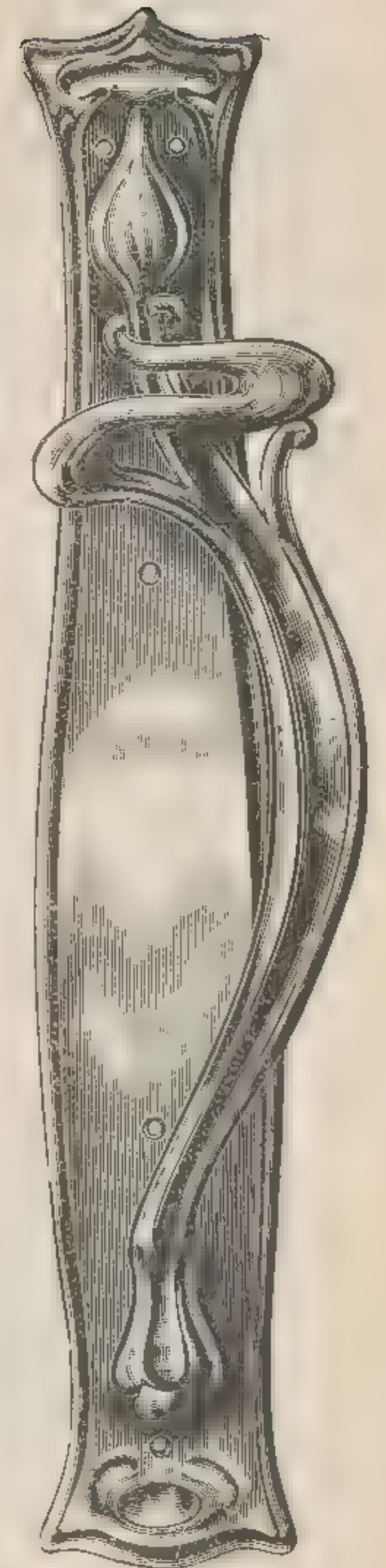
No. 8.
ALL BRASS.



No. 9
COIN BRONZE.



No. 10.
BRASS.



No. 11.
ANTIQUED COPPER.



LETTER PLATE, No. 1.



POSTAL HANDLE, PLAIN FLAP, No. 4.



LETTER PLATE, No. 2.

Door Handles—Continued.



No. 12.
BRASS, EBONY GRIP.



No. 13.
BRASS.



No. 14.
BRASS.



No. 15
BRASS.



No. 16.
BRASS, EBONY GRIP.

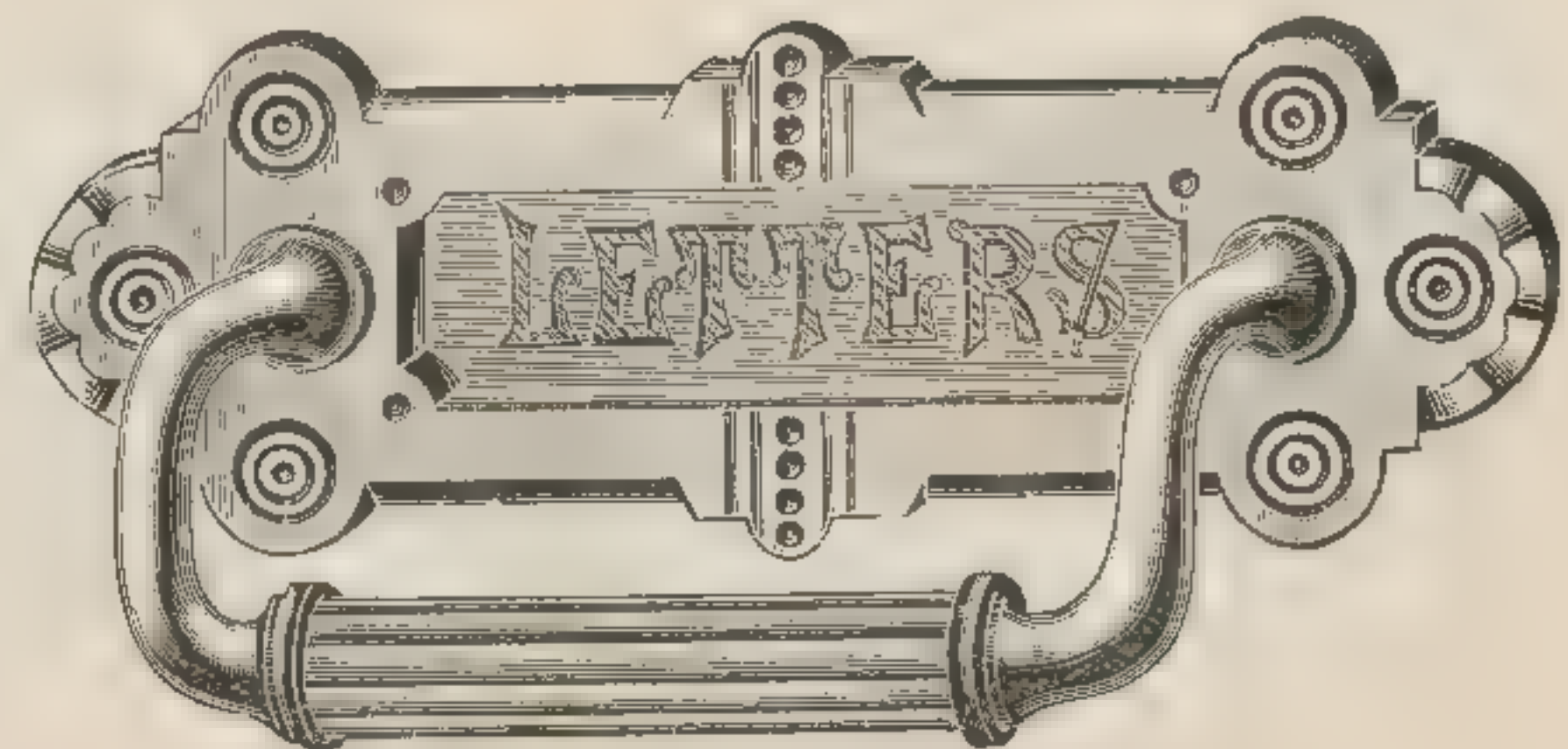


No. 6.
WITH KNOB

Postal
Handles.



No. 5.



No. 7.

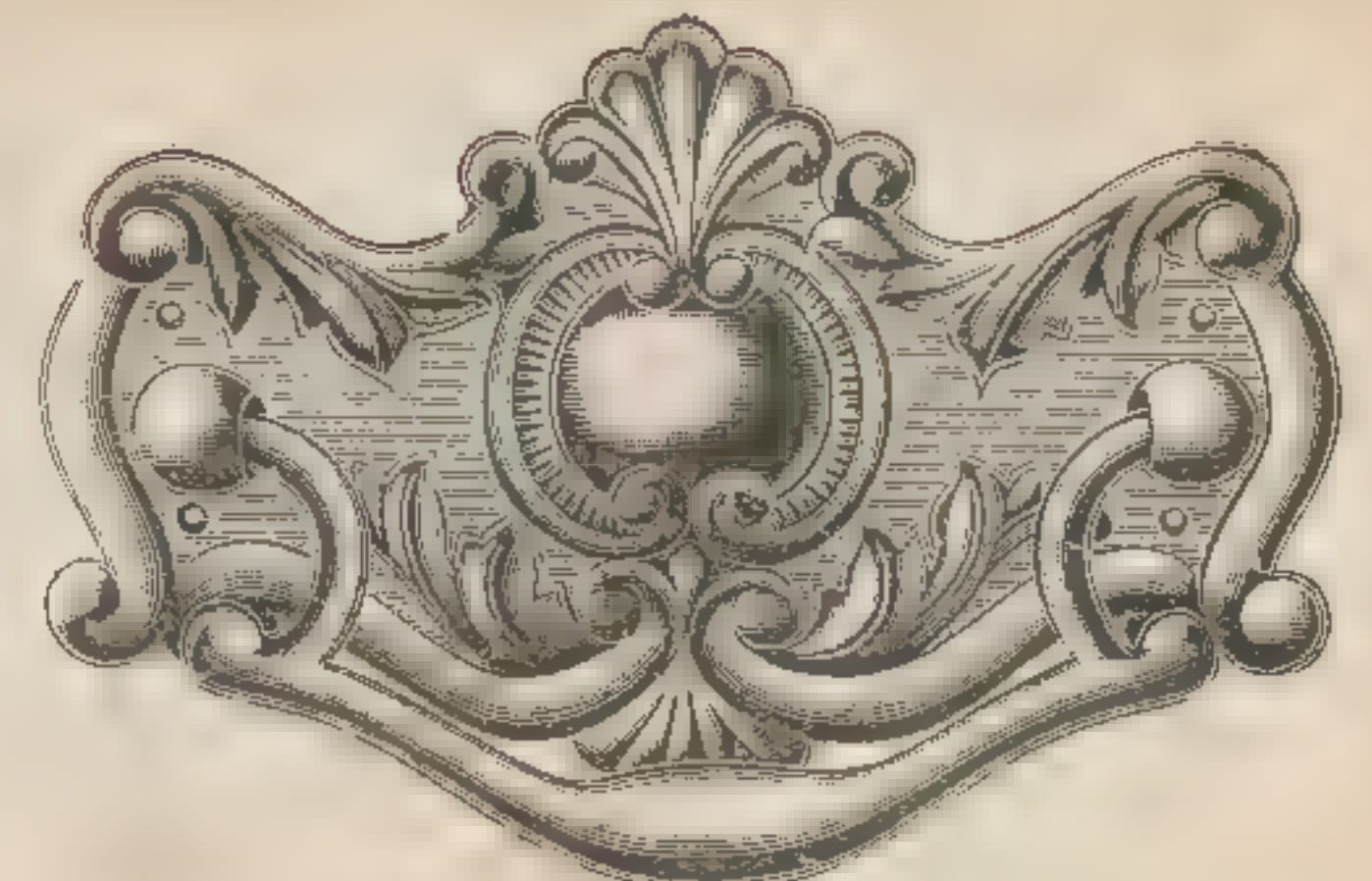
Cabinet Handles.



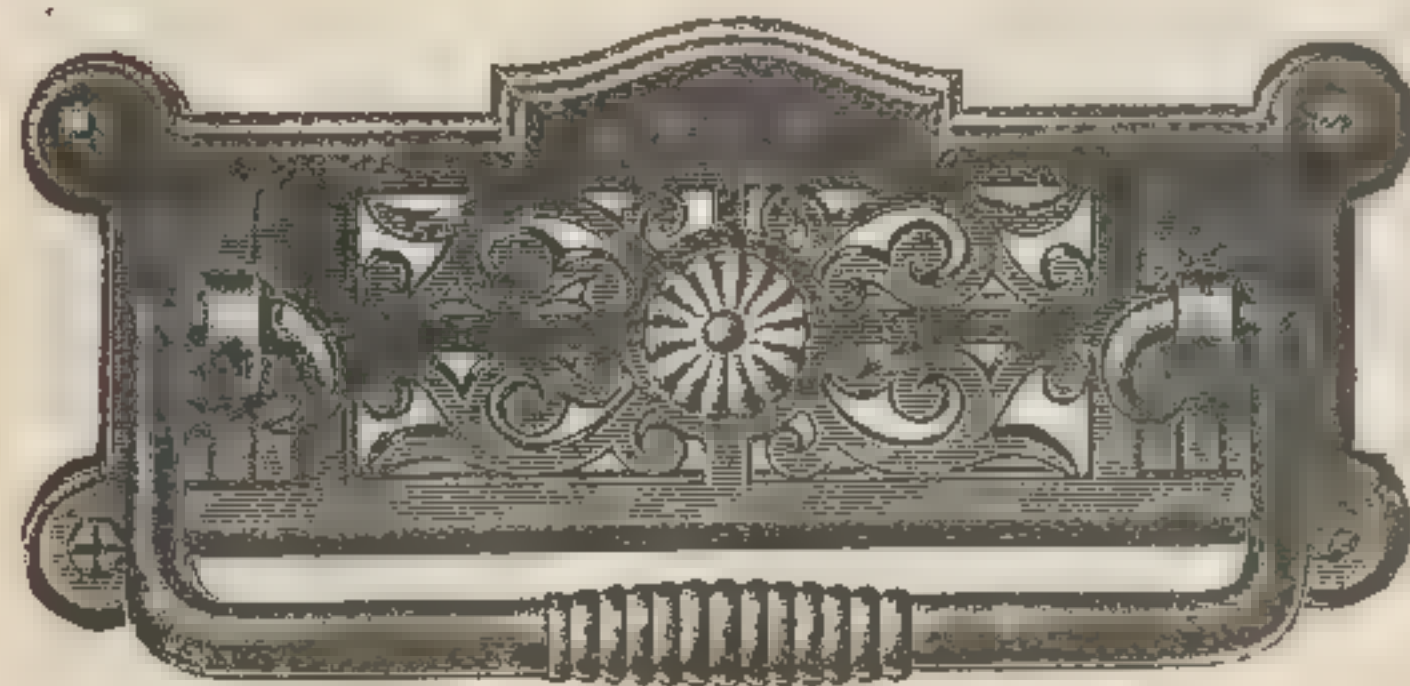
No 1 2½, 2¾, 3¼, 4¼ inch



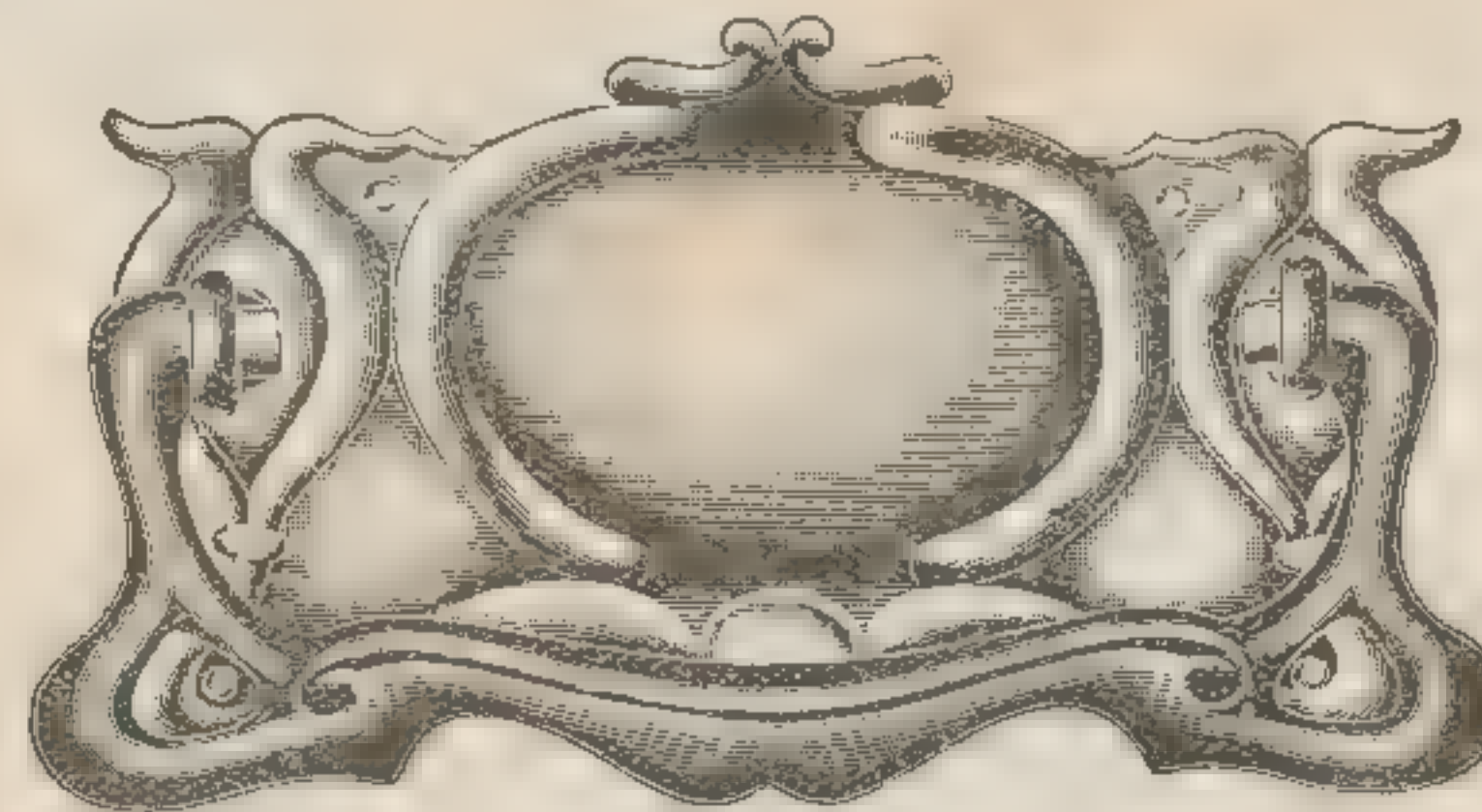
No 2. 2½, 3½, 4½ inch.
BRASS, OR ANTIQUE COPPER FINISH.



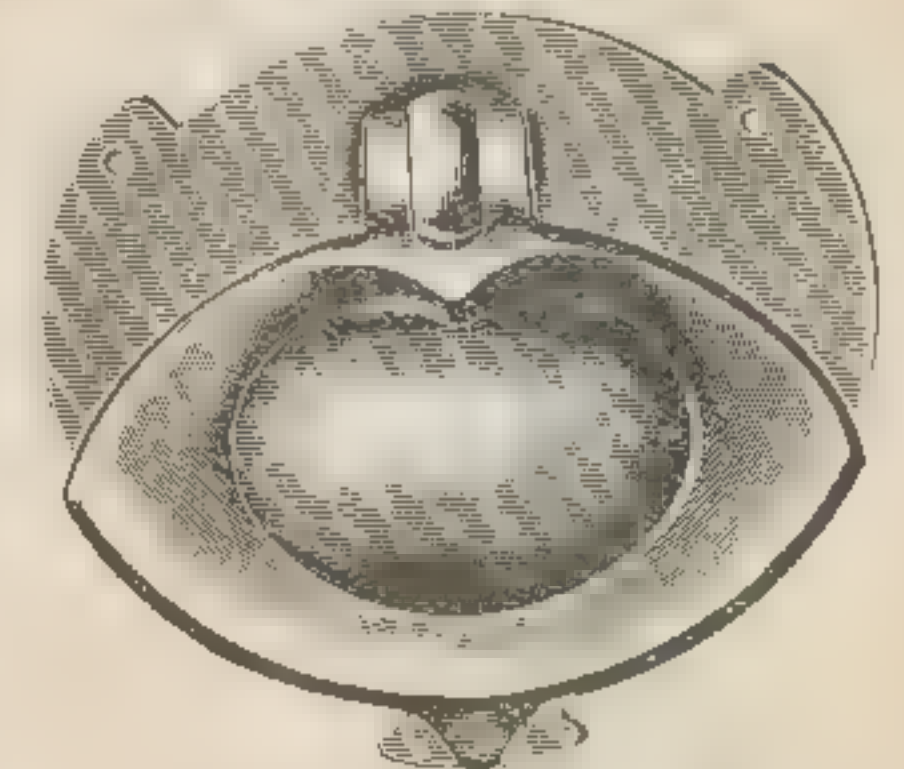
No. 3. 2½, 3¼, 4 inch.



No. 4. 2½, 3, 3½, 4 inch.



No. 5. 2¾, 3¼, 4¼ inch.
MEDIAEVAL CABINET HANDLES. ASSORTED SIZES.
PEDESTAL AND WARDROBE HANDLES TO MATCH.



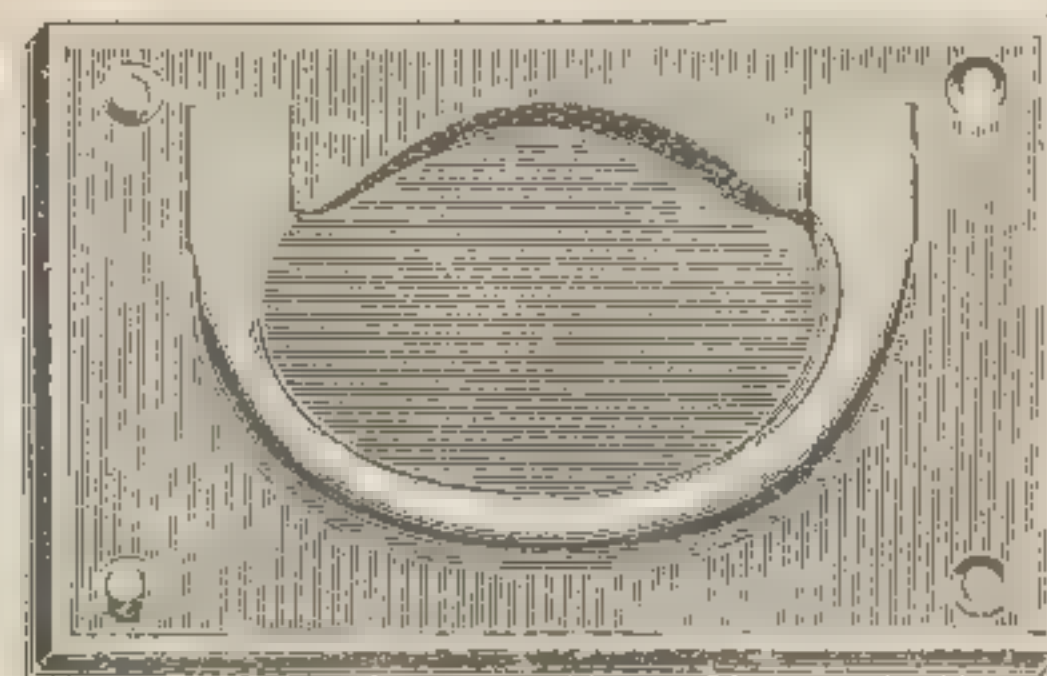
No. 6. 2 2½, 3¼ inch



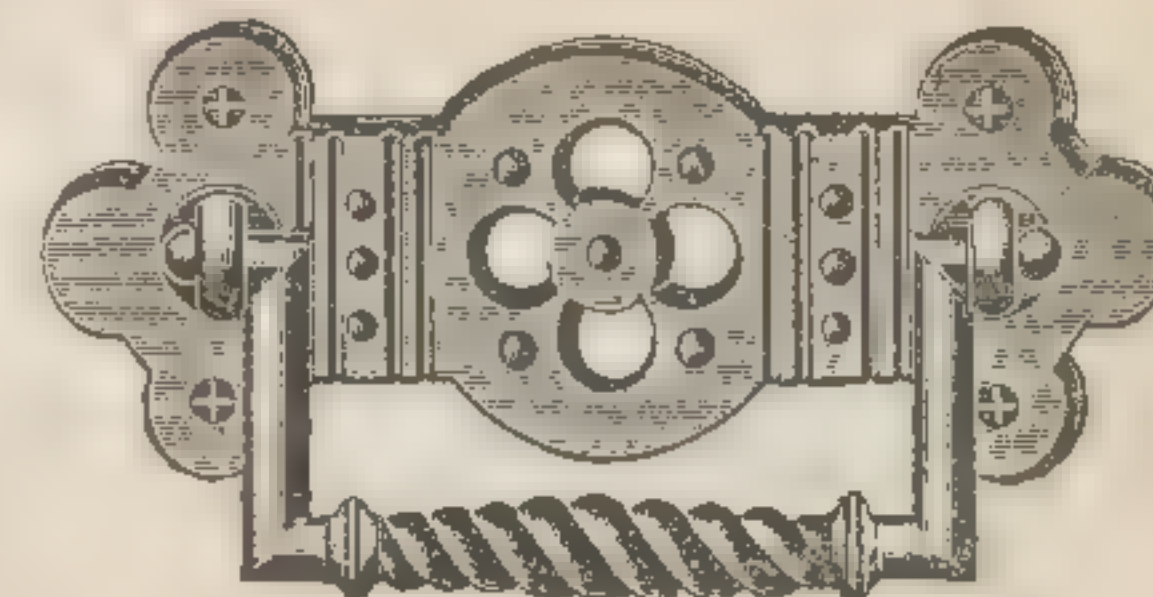
TRAY HANDLE.



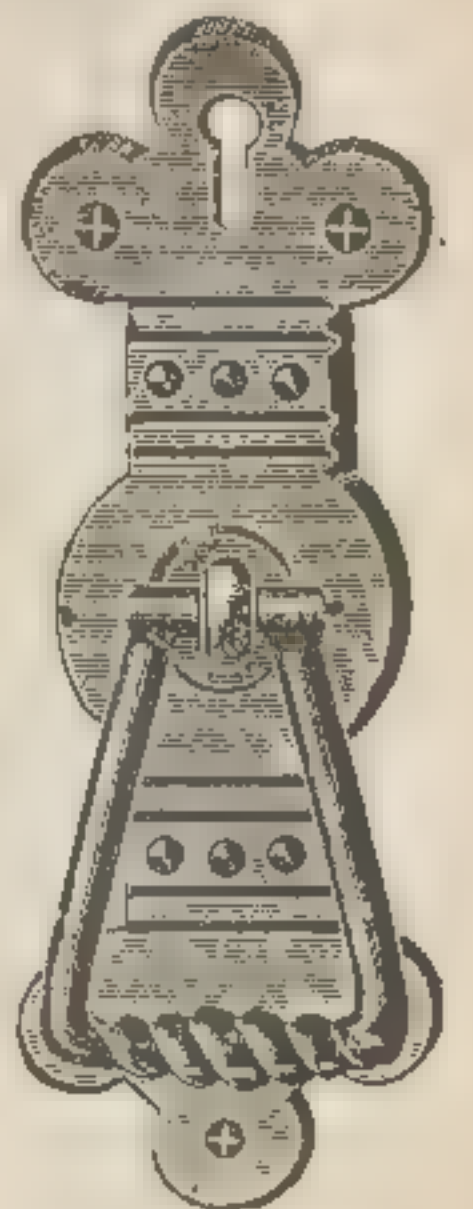
BRASS LIFTING HANDLE.
2, 2½, 3, 3½, 4 inch



BRASS FLUSH HANDLE.
2, 2½, 3, 3½, 4 inch.



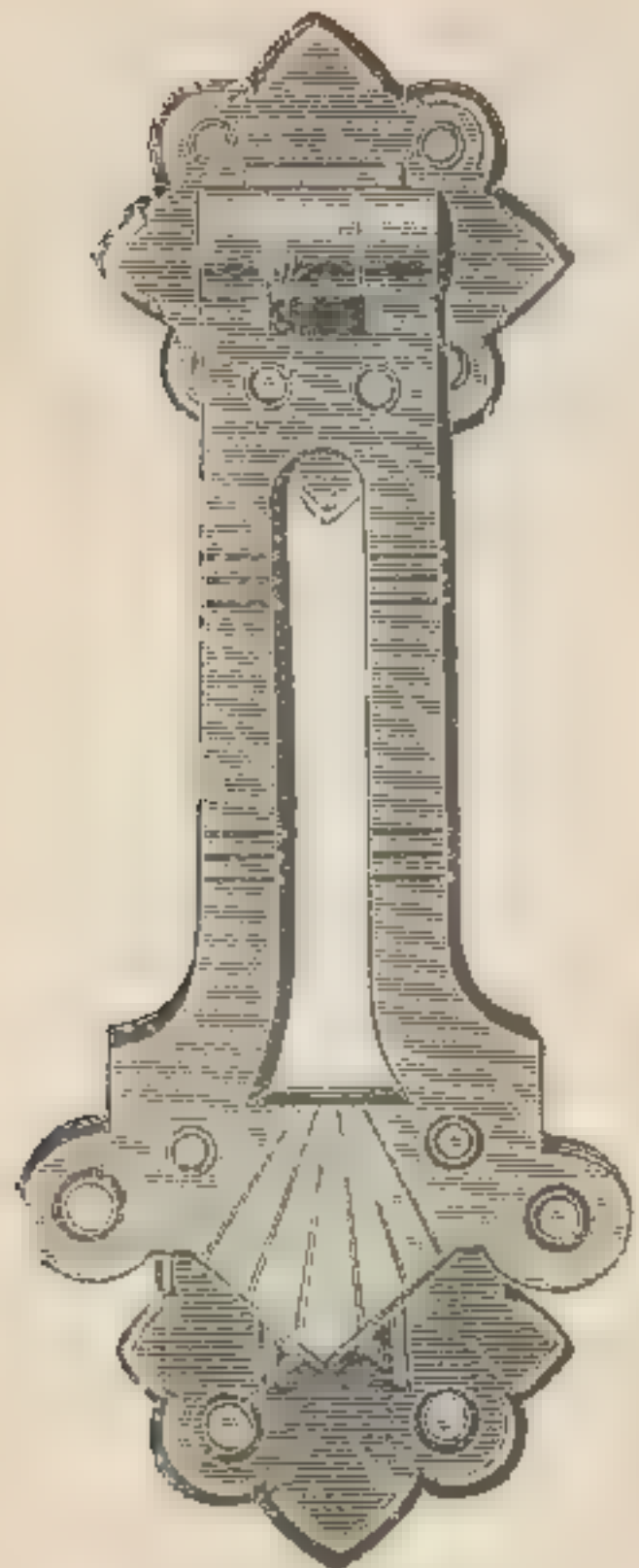
No. 7. 2, 2½, 3, 3½, 4 inch.



No. 8.

PEDESTAL HANDLE

Knockers and Door Knobs.



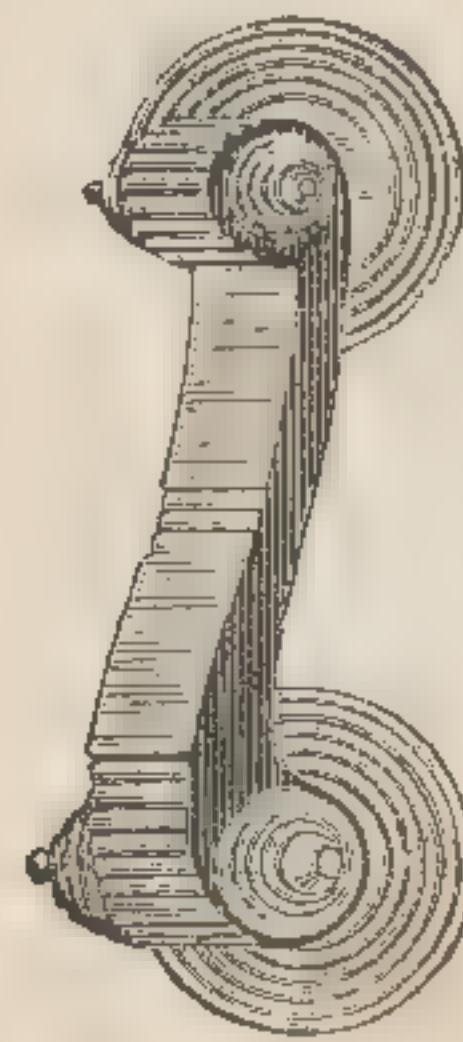
No. 1.



No. 2.
ALL BRASS, AND ANTIQUE COPPER FINISH.



No. 3

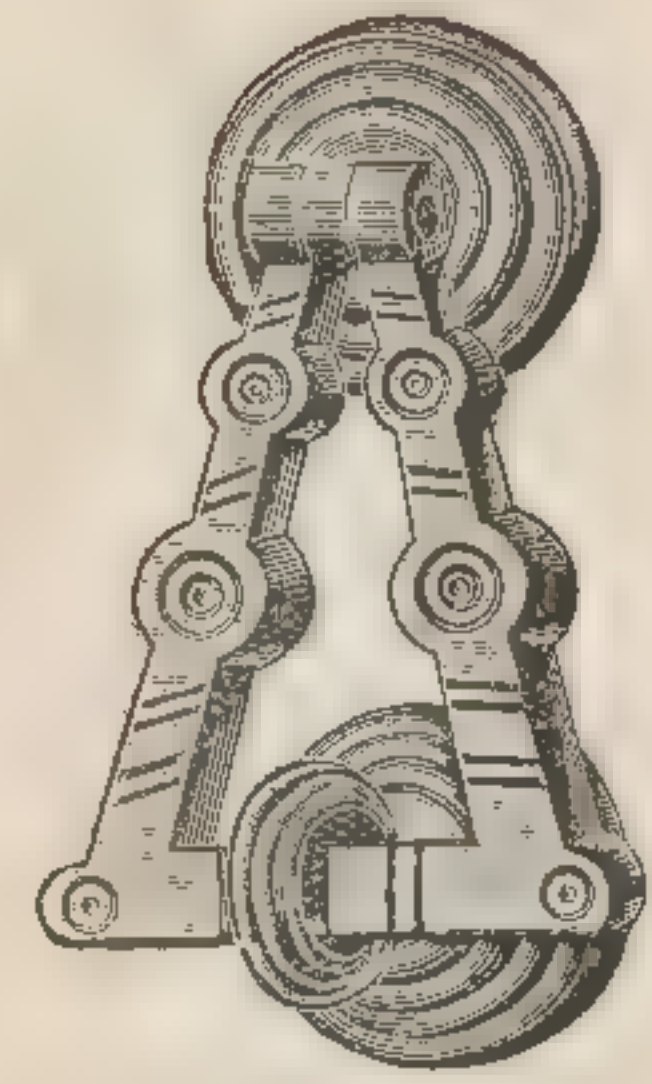


No. 4.



No. 5.

BRONZED IRON.



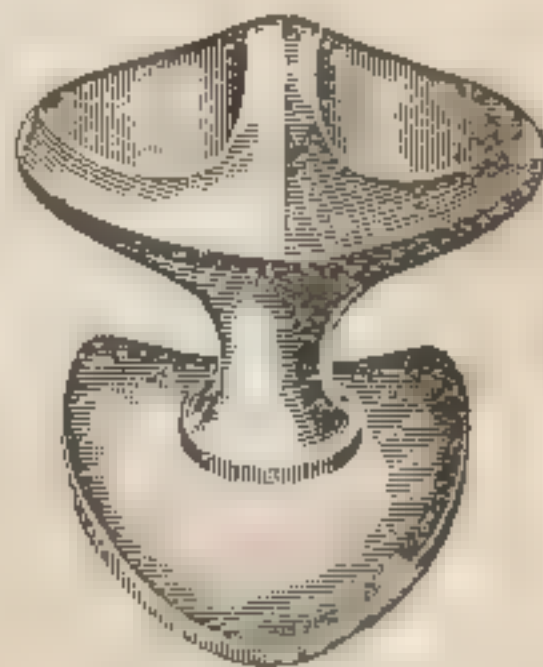
No. 6



No. 1
CRYSTAL AND AMBER



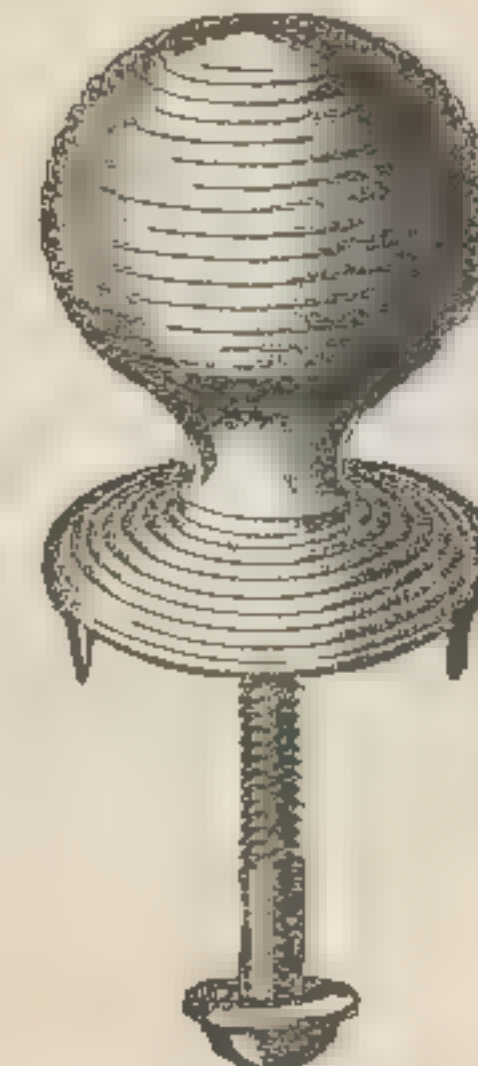
No. 2.



No. 3.
ALL BRASS, AND ANTIQUE COPPER FINISH.



No. 4.



No. 5.



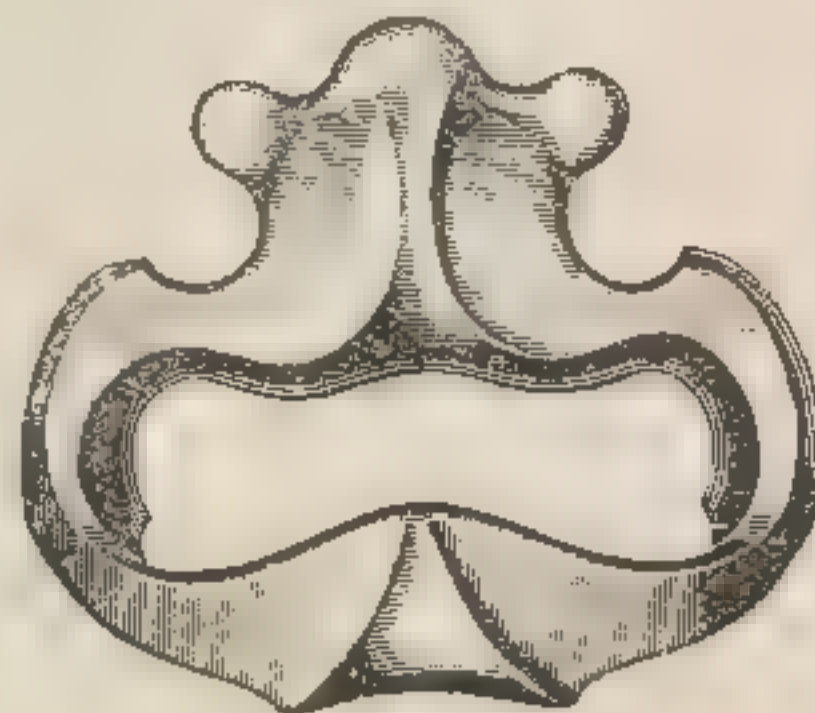
No. 6.
WHITE AND GOLD



No. 7.



No. 8.



No. 9.

IN ALL BRASS, AND ANTIQUE COPPER FINISH.



No. 10.



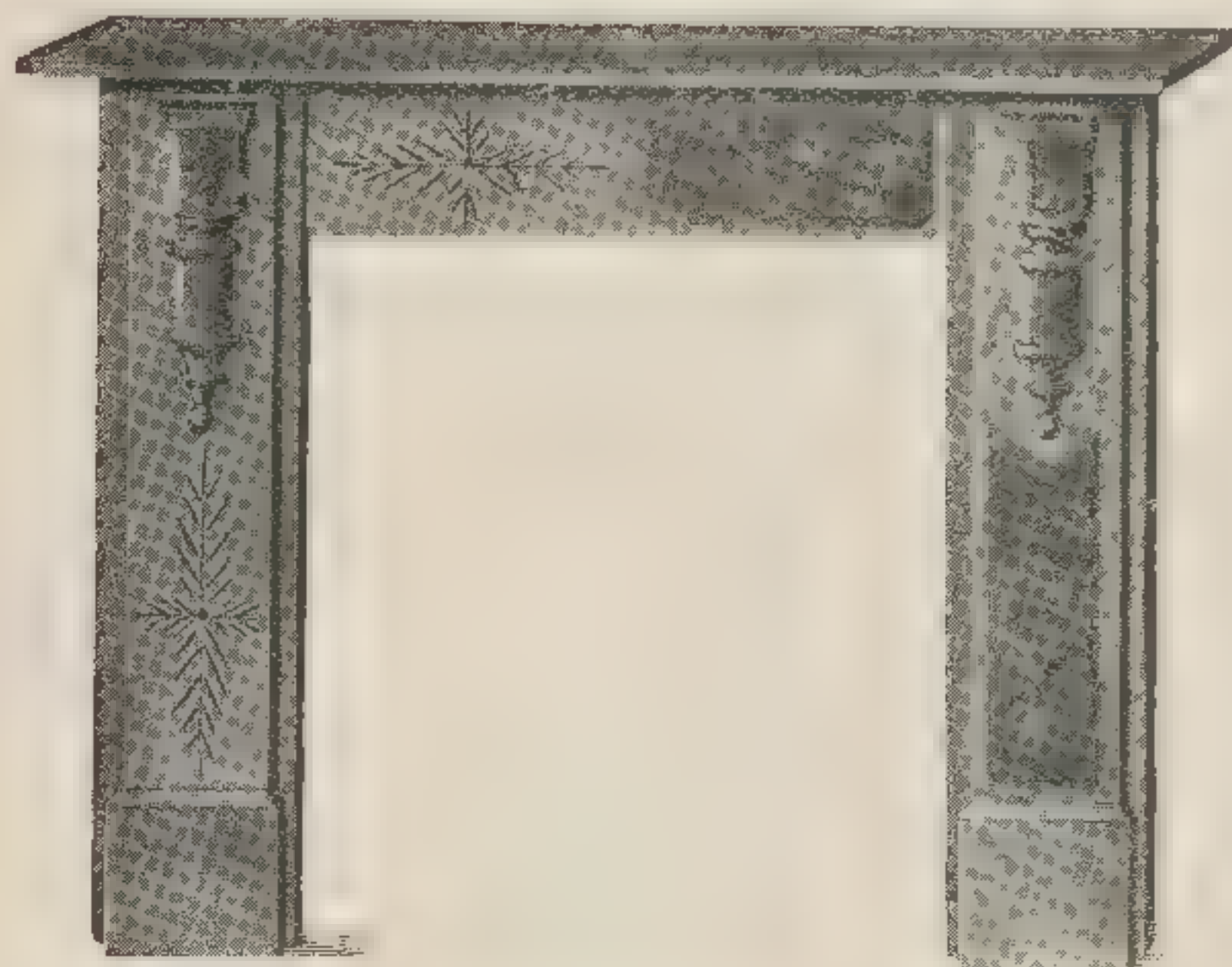
No. 11.

BRONZED IRON.



No. 12.

Mantelpieces.—Wood Mantels.



No. 1

No. 2.



No. 3

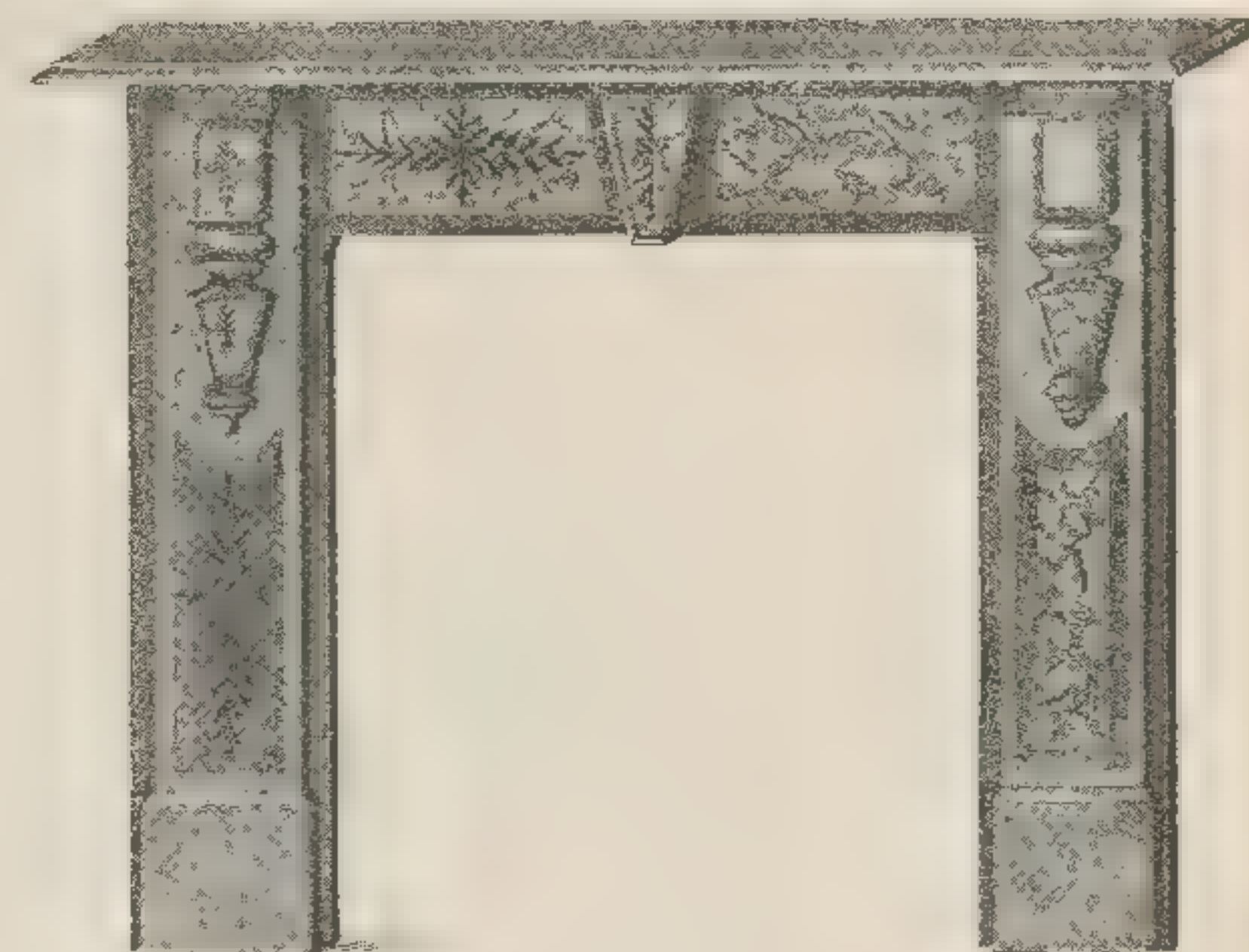
No. 4

ALL
MADE WITH EITHER
SQUARE OR ARCHED
OPENINGS.



No. 5

No. 6



No. 7

No. 8.

Made to our own Designs, in Stained Walnut and Gold, or Imitation Marble. Stock size openings, 2 ft. 11in. x 2 ft. 11 inches, larger or smaller openings, if required.



No. 9.

No. 10.

Wood Mantels.

Continued.



No. 11.

No. 12.

Marble Mantels.

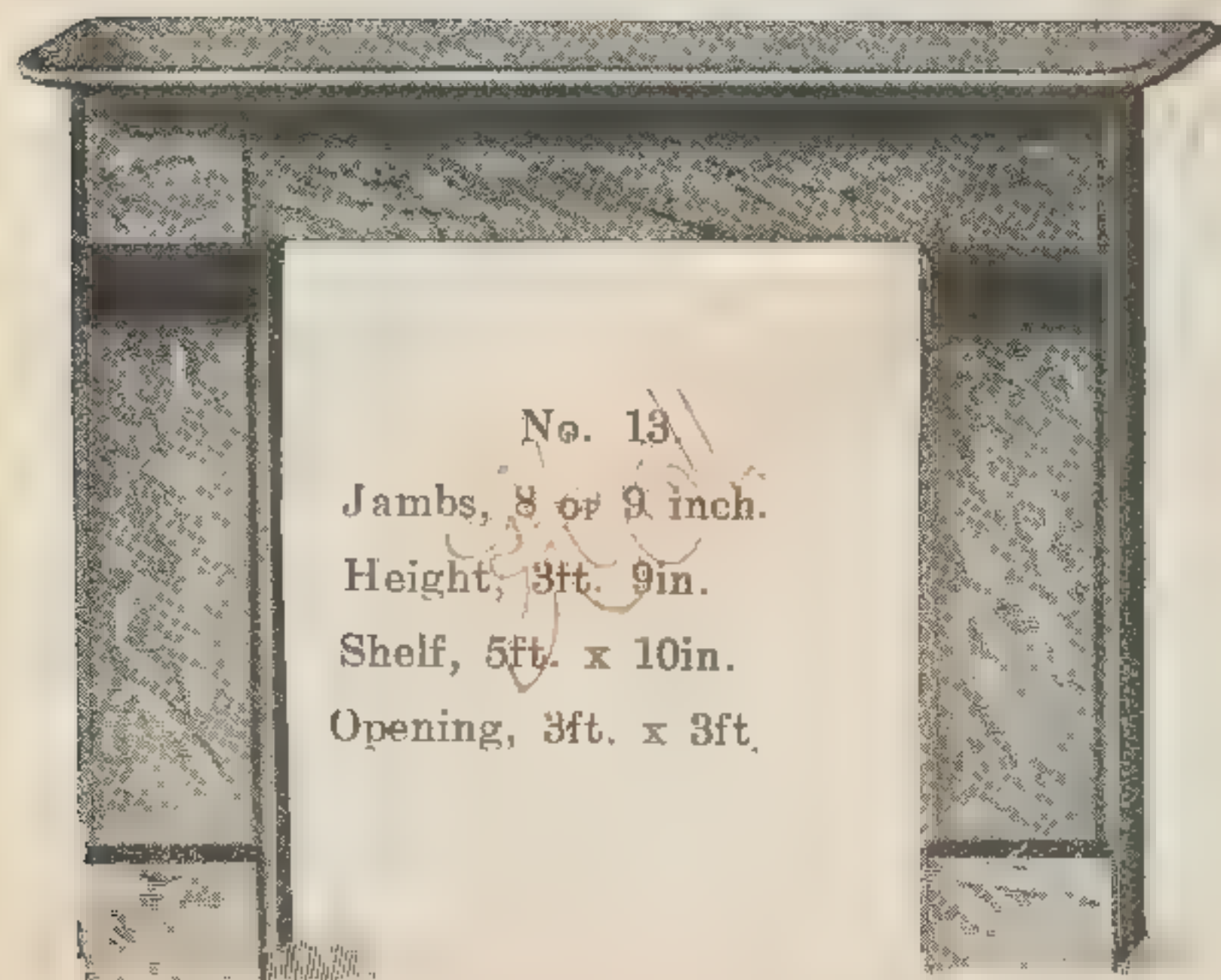
STOCK SIZES.

Made in our own Workshops
with Piers from 8 to 14 inches
wide.

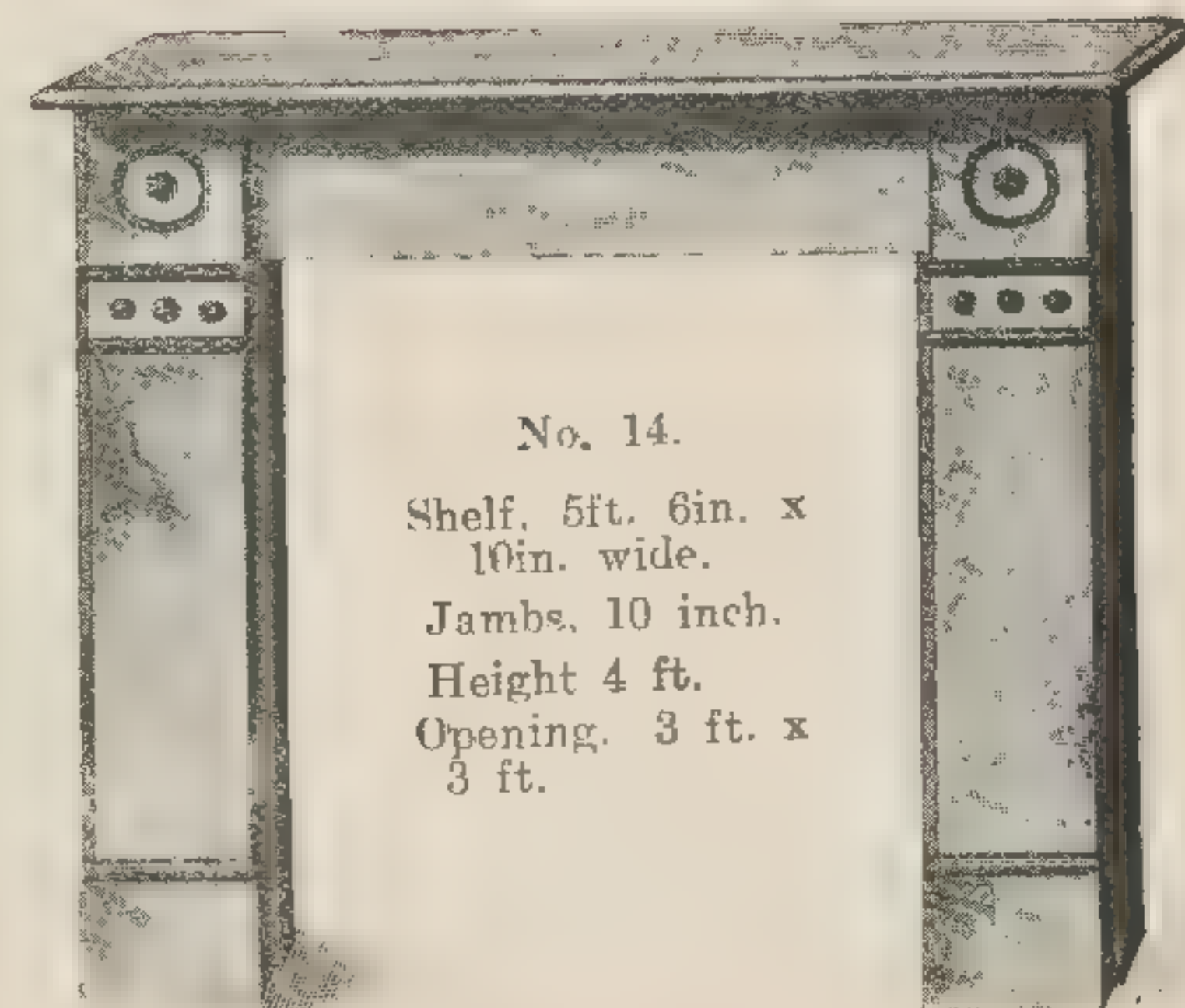
The following Marbles are
stocked:—

SICILIAN (WHITE)
ST. ANNS (GREY AND WHITE)
ROUGE (RED AND WHITE)
BLACK.

Also Marbles from the now
famous Borenore and Spring-
hill (N.S.W.) Quarries.

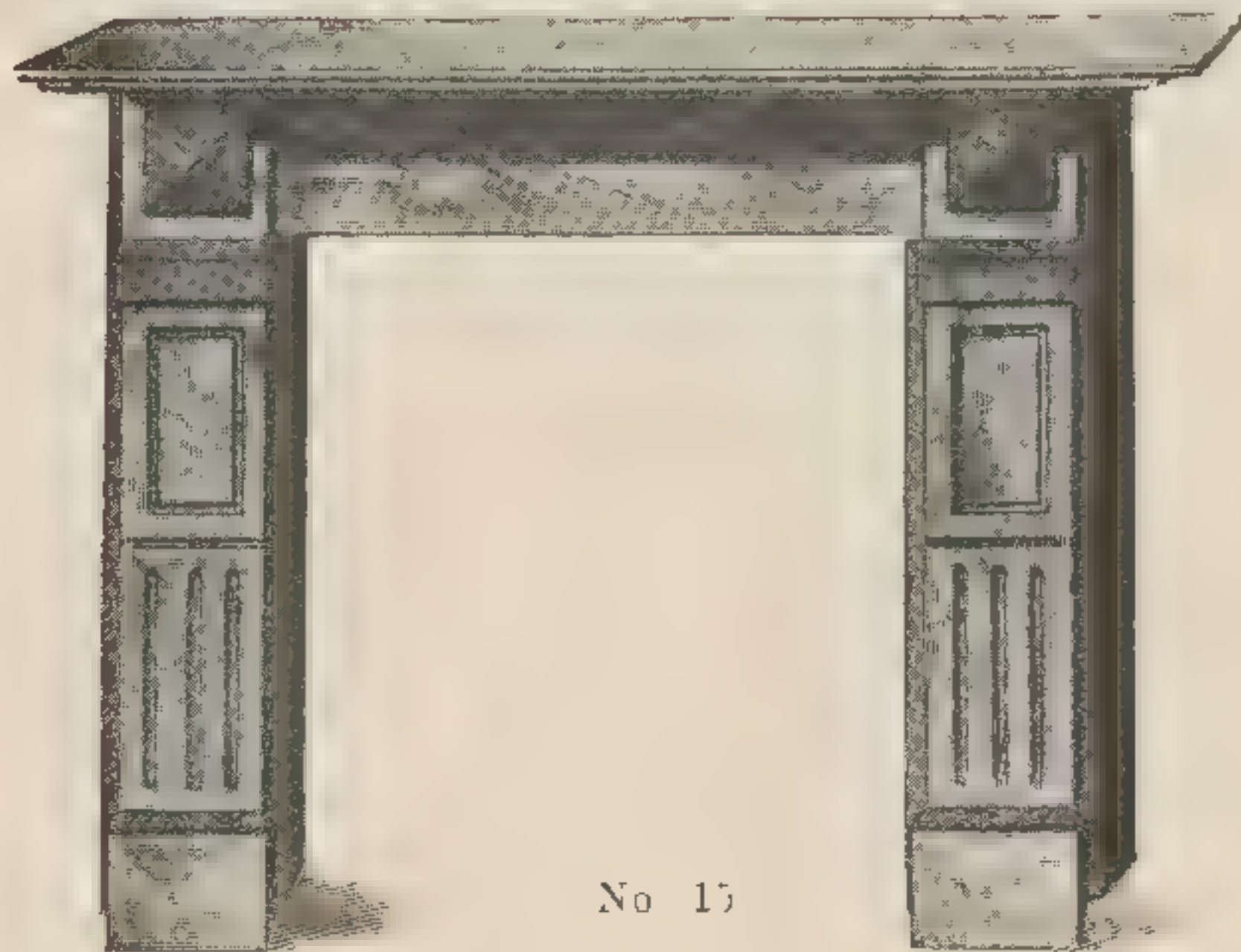


No. 13.
Jambs, 8 or 9 inch.
Height, 3ft. 9in.
Shelf, 5ft. x 10in.
Opening, 3ft. x 3ft.



No. 14.
Shelf, 5ft. 6in. x
10in. wide.
Jambs, 10 inch.
Height 4 ft.
Opening, 3 ft. x
3 ft.

Marble Mantels.—Continued.



No. 15

MARBLES.
WHITE OR COLOURED.

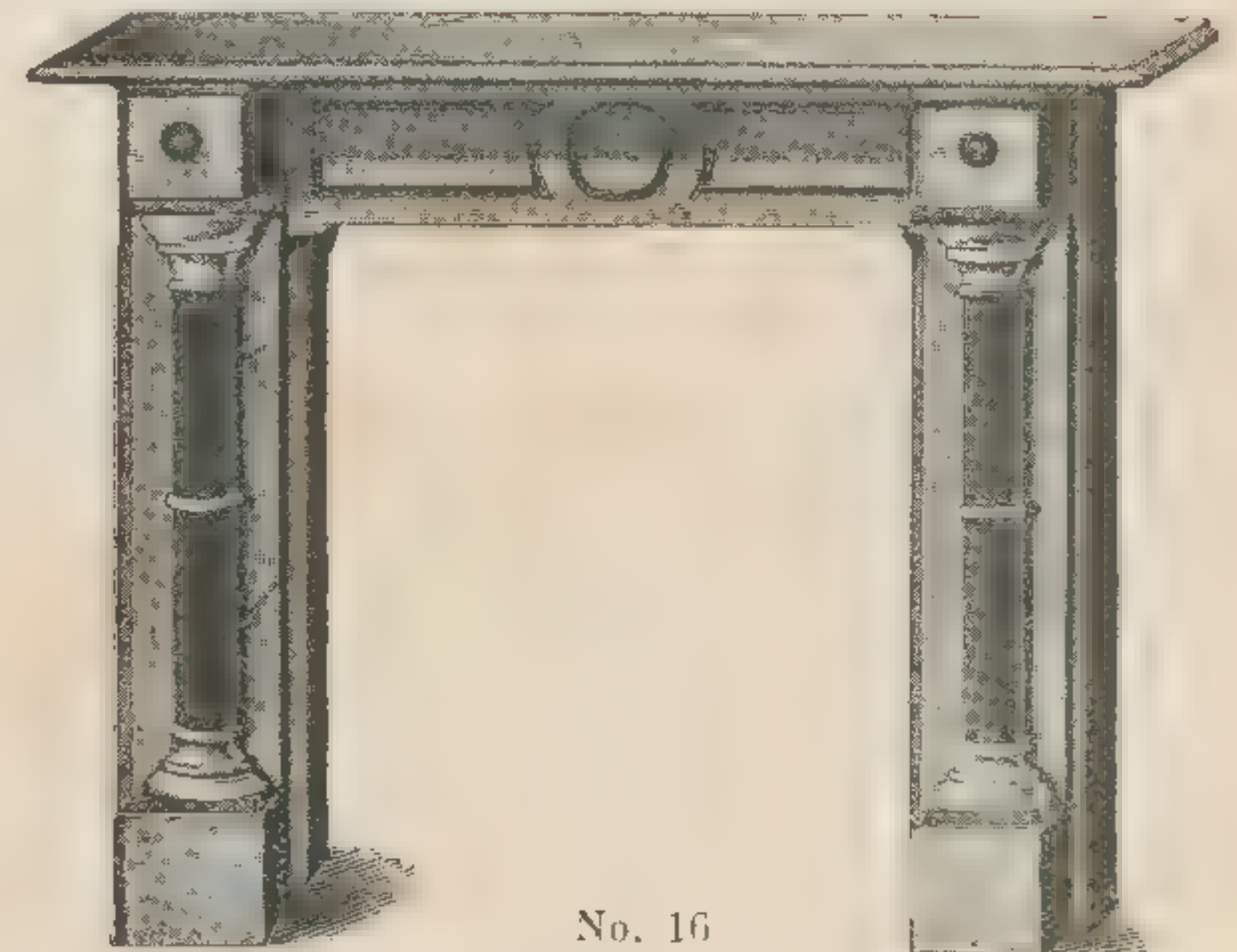
Jambs, 12 inches.

Height, 4 ft.

Shelf, 5 ft. 6in. x 12in.

Opening, 3 ft. x 3 ft.

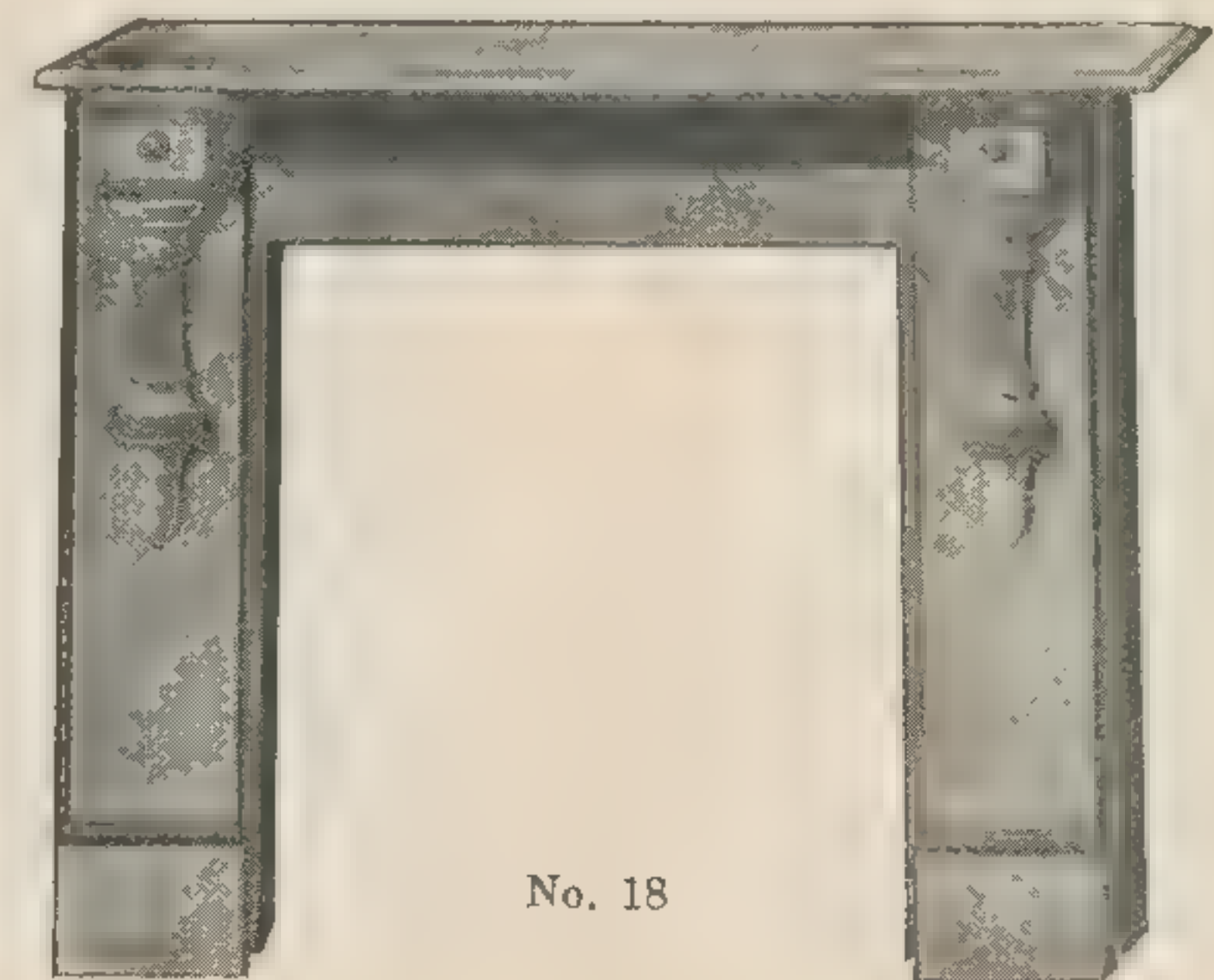
OTHER SIZES MADE
TO ORDER.



No. 16

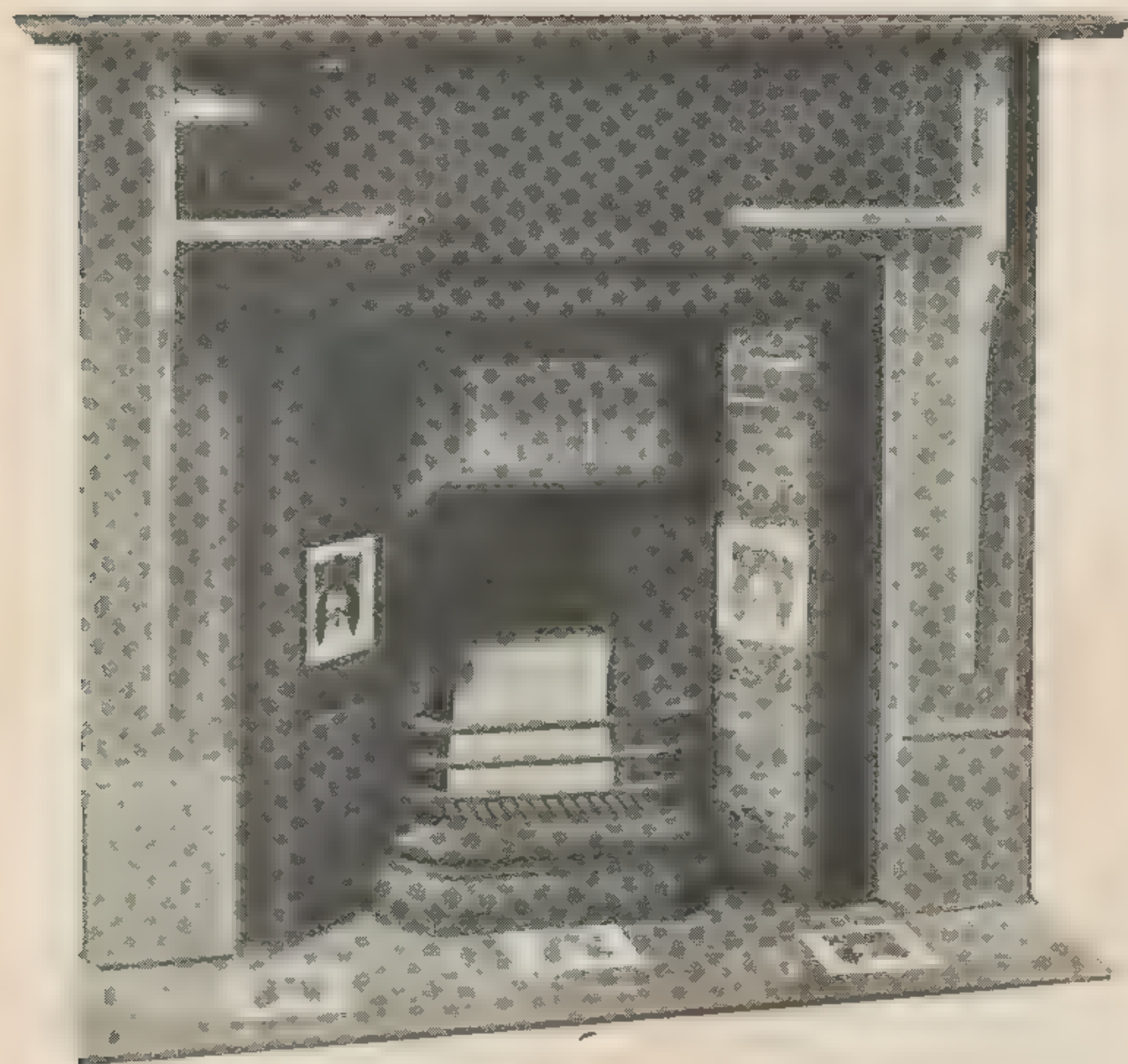


No. 17

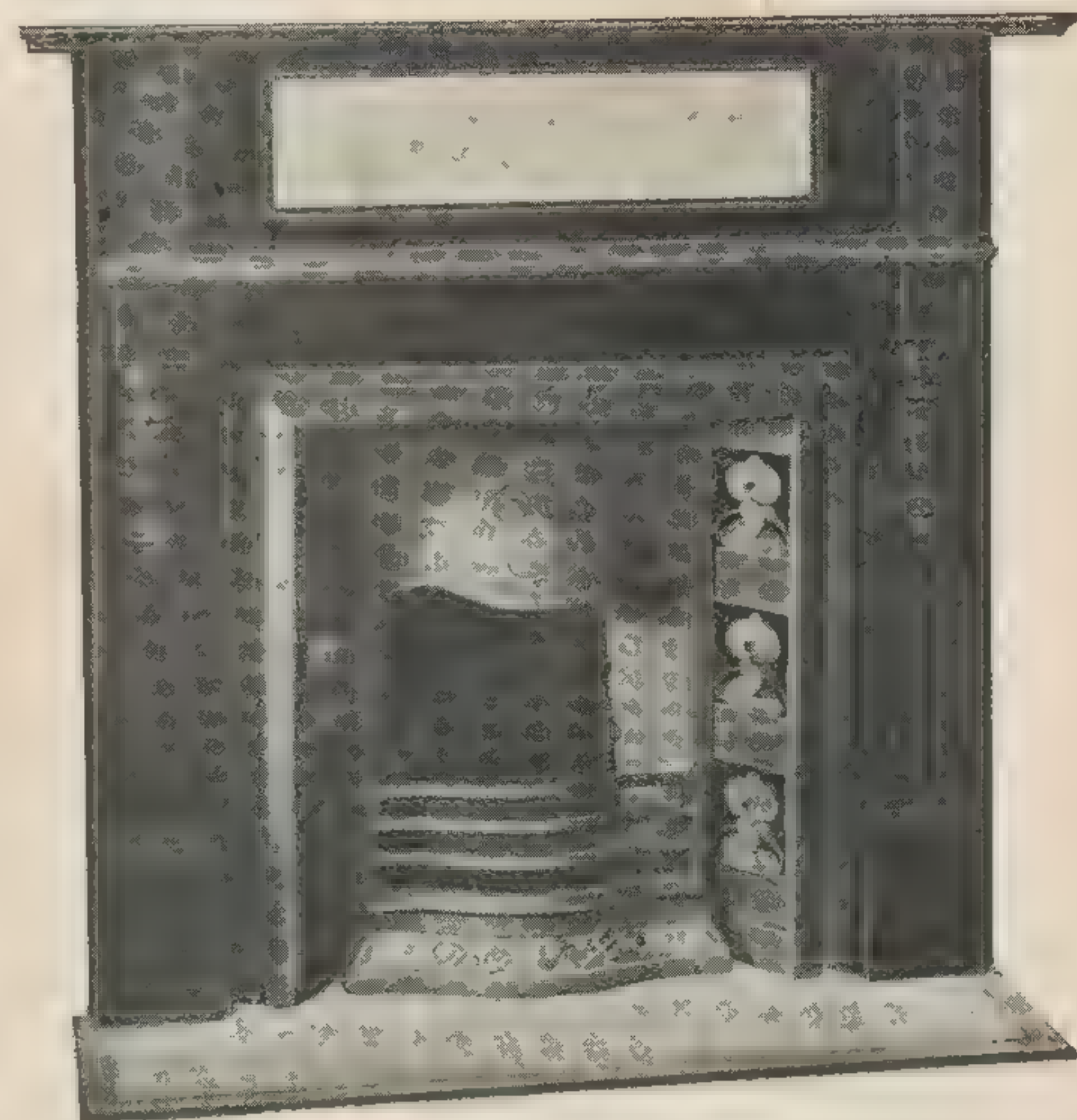


No. 18

Artistic Wood Mantels.



Showing Tiled Grate with Tiled Canopy and Tiled Hearth.



Showing Tiled Grate with Iron Canopy and Plain Enamelled Hearth.

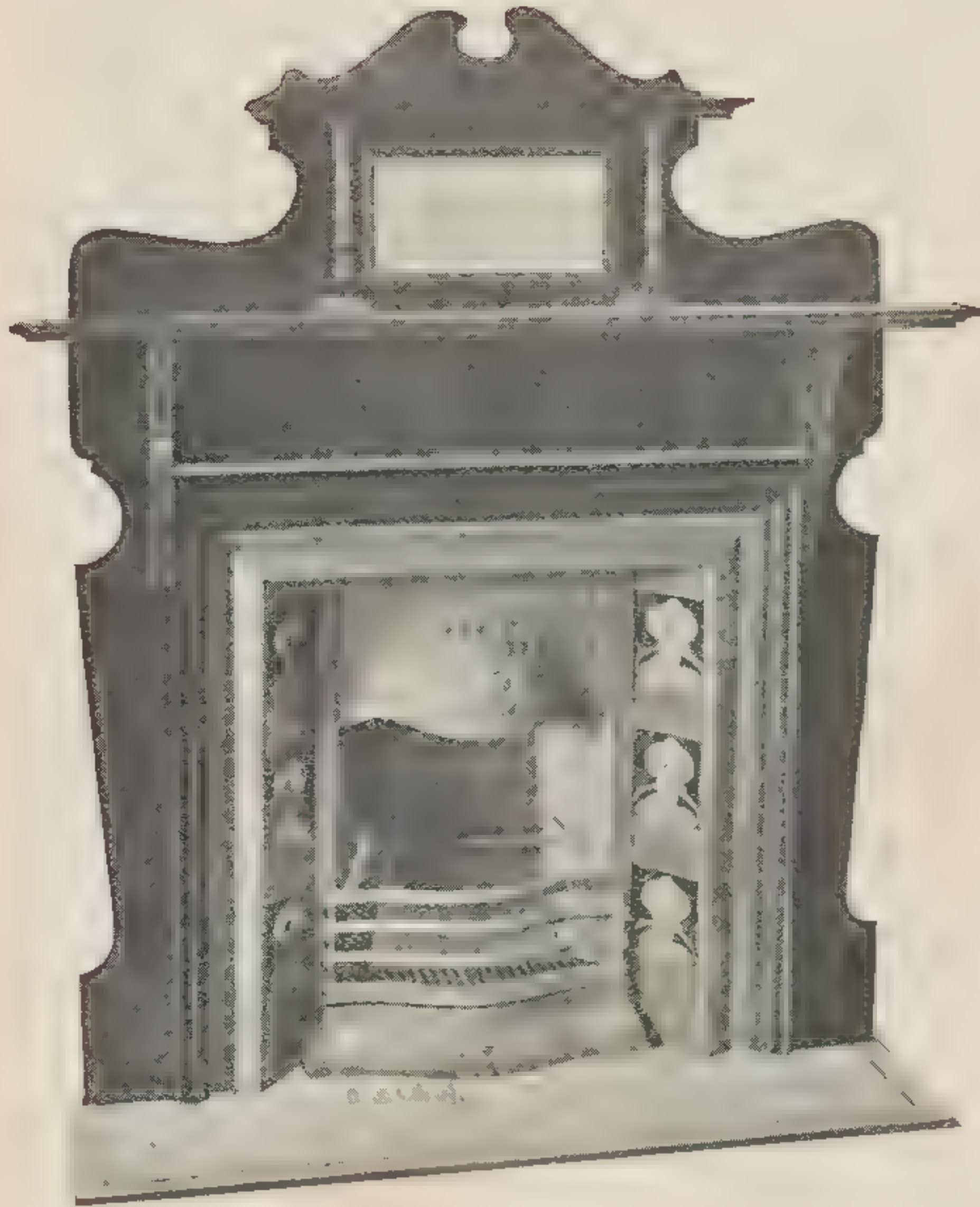
All Wood Mantels can be supplied as follows:—

Pine primed, stained in Walnut, Rosewood, Oak, etc., or, in the solid woods throughout.

Stock Size Openings for 36 in. or 38 in. grates.

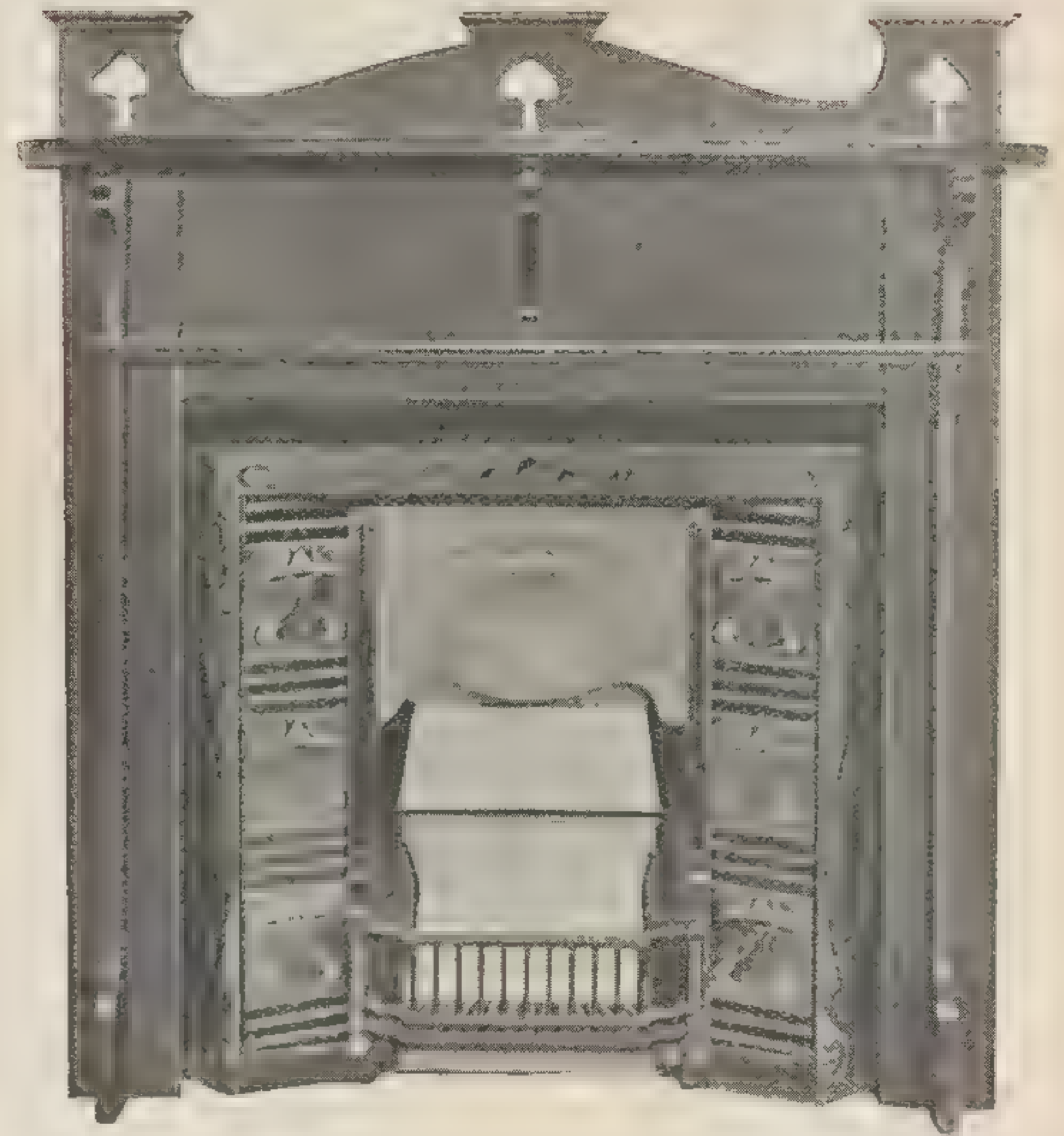
Height, 4 ft. 1 in.
Shelf, 4 ft. 10 in. x 9 in.
Width, 4 ft. 4 in.

Artistic Wood Mantels—Continued.



No. 21.

(With or without Overmantel.)
 Width 4ft. 3in.
 Height 5ft. 9in.
 Shelf 4ft. 10in. x 9in.

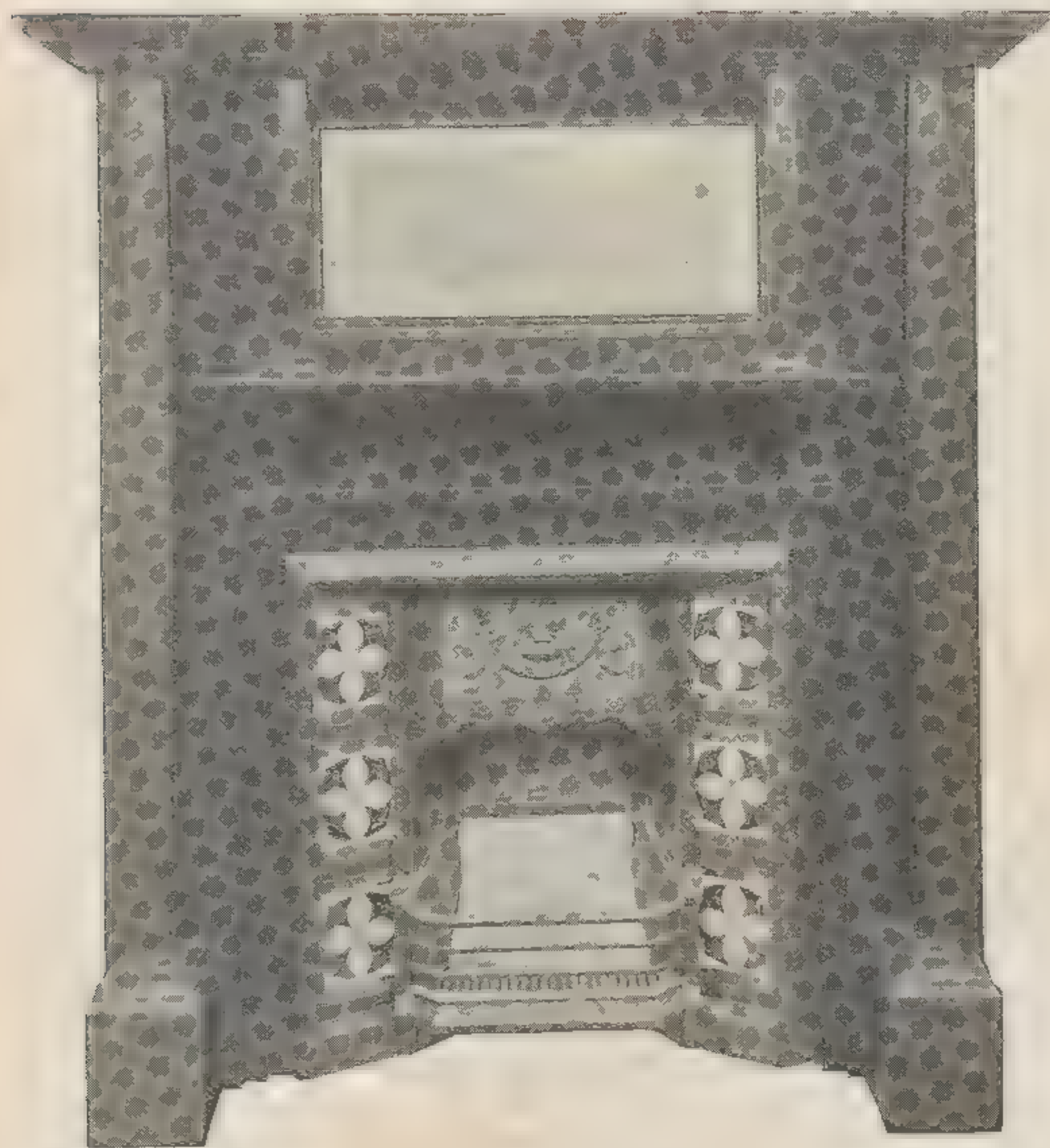


No. 22.

Shaped Top Shelf.
 Width 4ft. 3in.
 Height 4ft. 9in.
 Shelf 4ft. 6in. x 12in.

STOCK SIZE OPENINGS TO SUIT 36in. AND 38in. GRATES. OTHER SIZES TO ORDER.

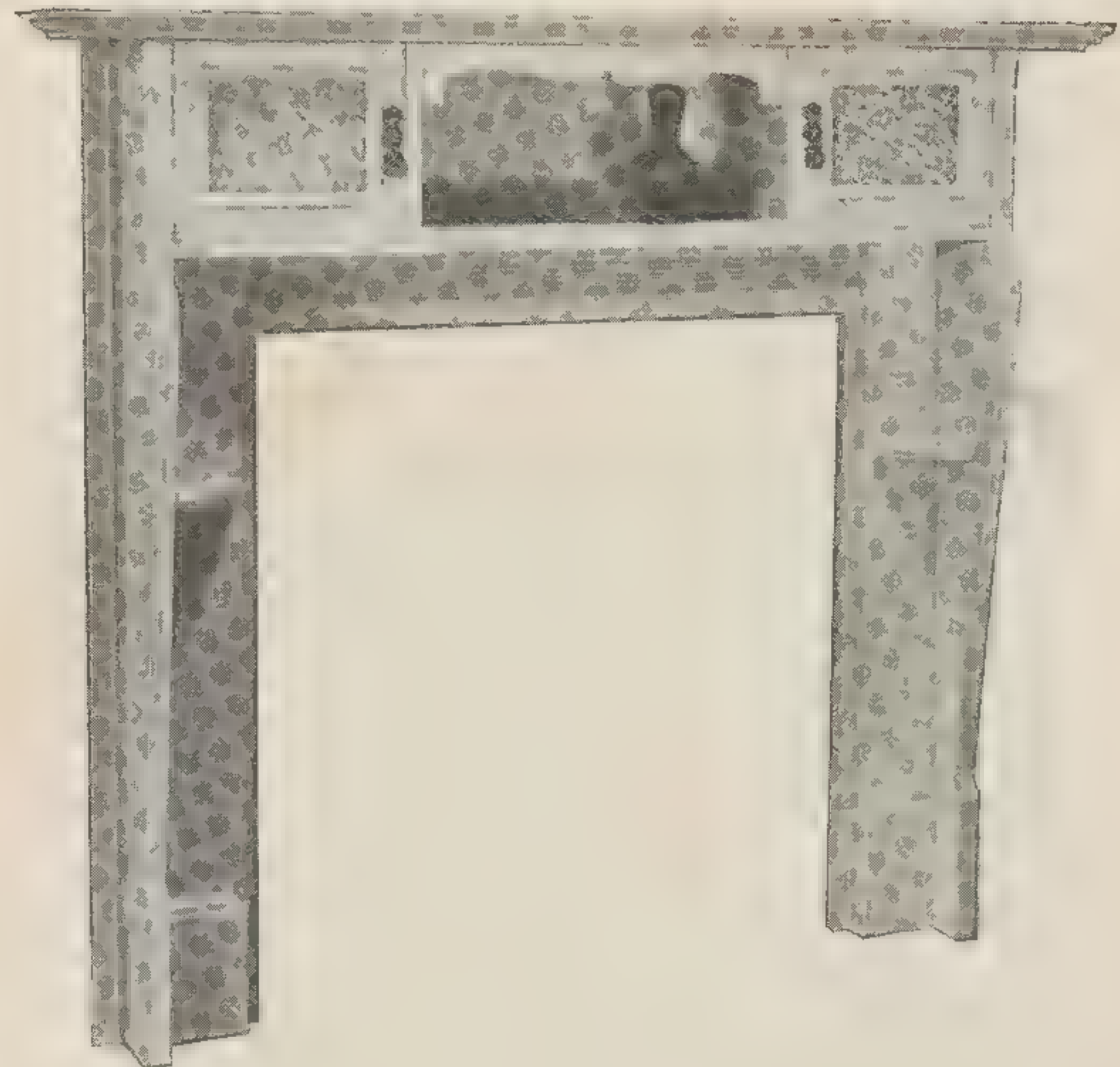
Artistic Wood Mantles—*Continued*



No. 23.

COMBINATION MANTEL AND OVERMANTEL,
WITH BEVELLED GLASS MIRRORS.

Width, 4 ft. 8 in.
Height, 5 ft. 8 in.
Shelf, 5 ft. 1 in. x 12 in.



No. 24.

with two cupboards.

Width, 4 ft. 6 in.

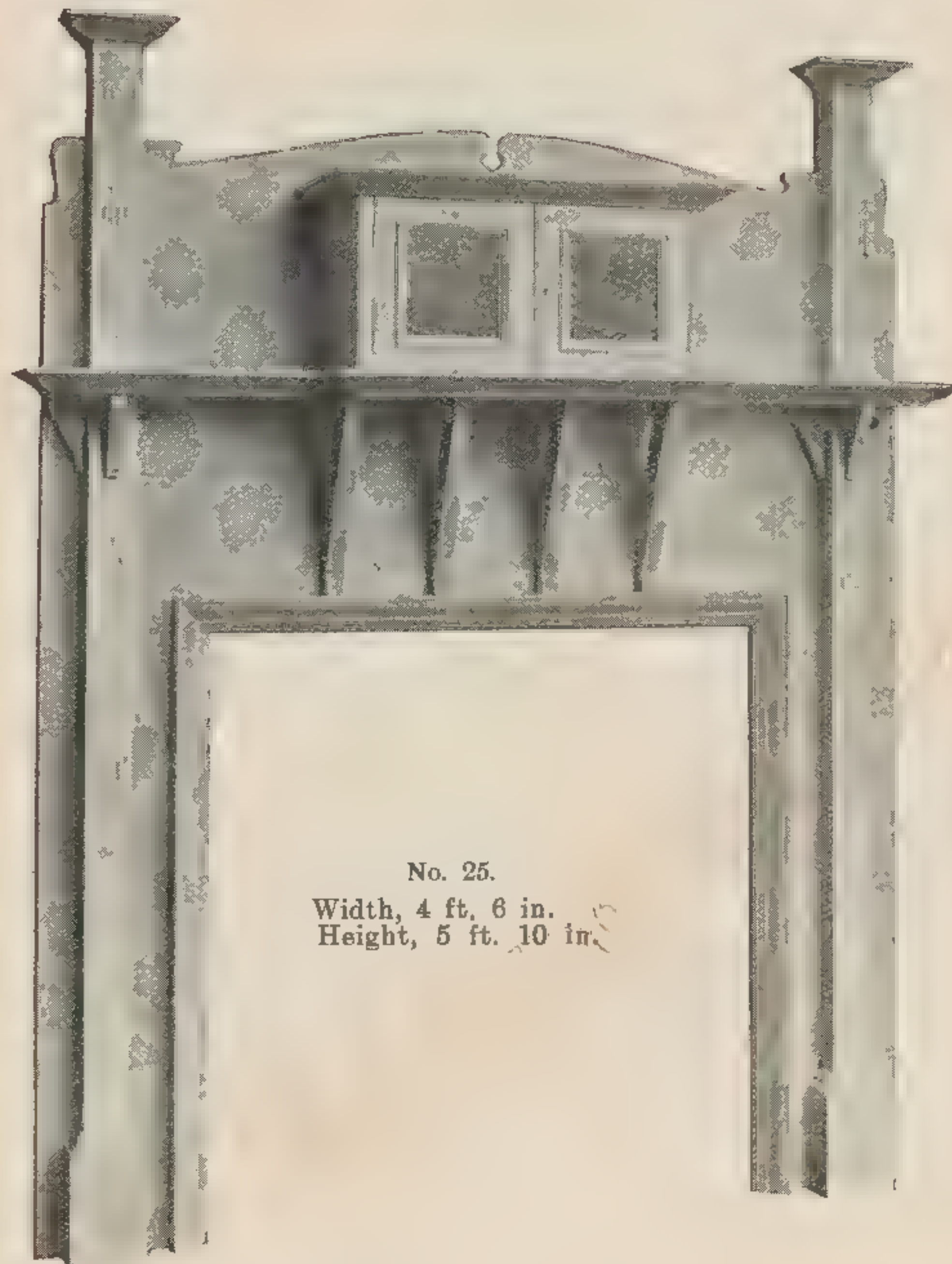
Height, 4 ft. 5 in.

Shelf, 5 ft. 10 in.

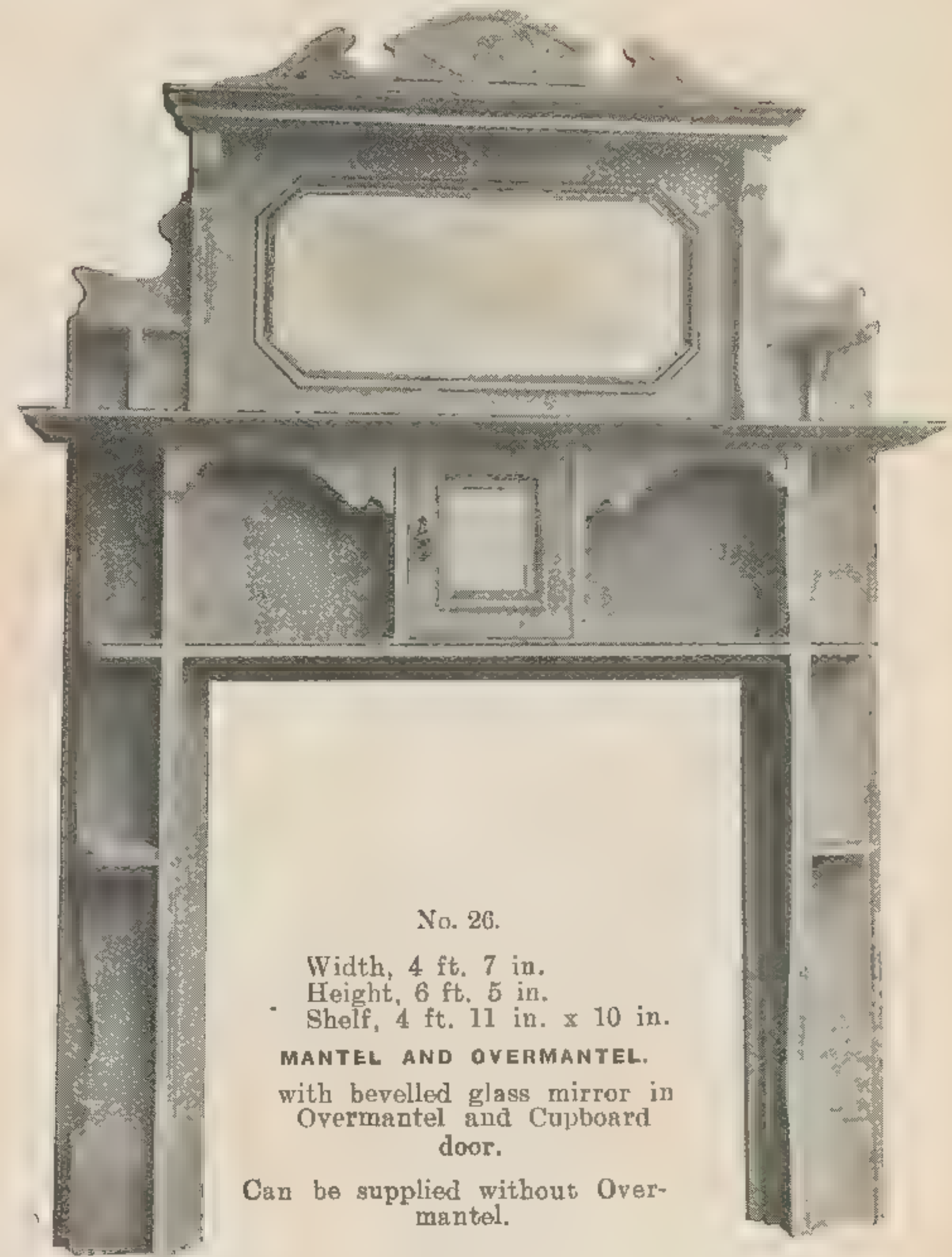
Glass in doors can be supplied in any color, or
with leaded glass.

STOCK SIZE OPENINGS TO SUIT 36 in. AND 38 in. GRATES.
OTHER SIZES TO ORDER.

Artistic Wood Mantels.—*Continued.*



No. 25.
Width, 4 ft. 6 in.
Height, 5 ft. 10 in.

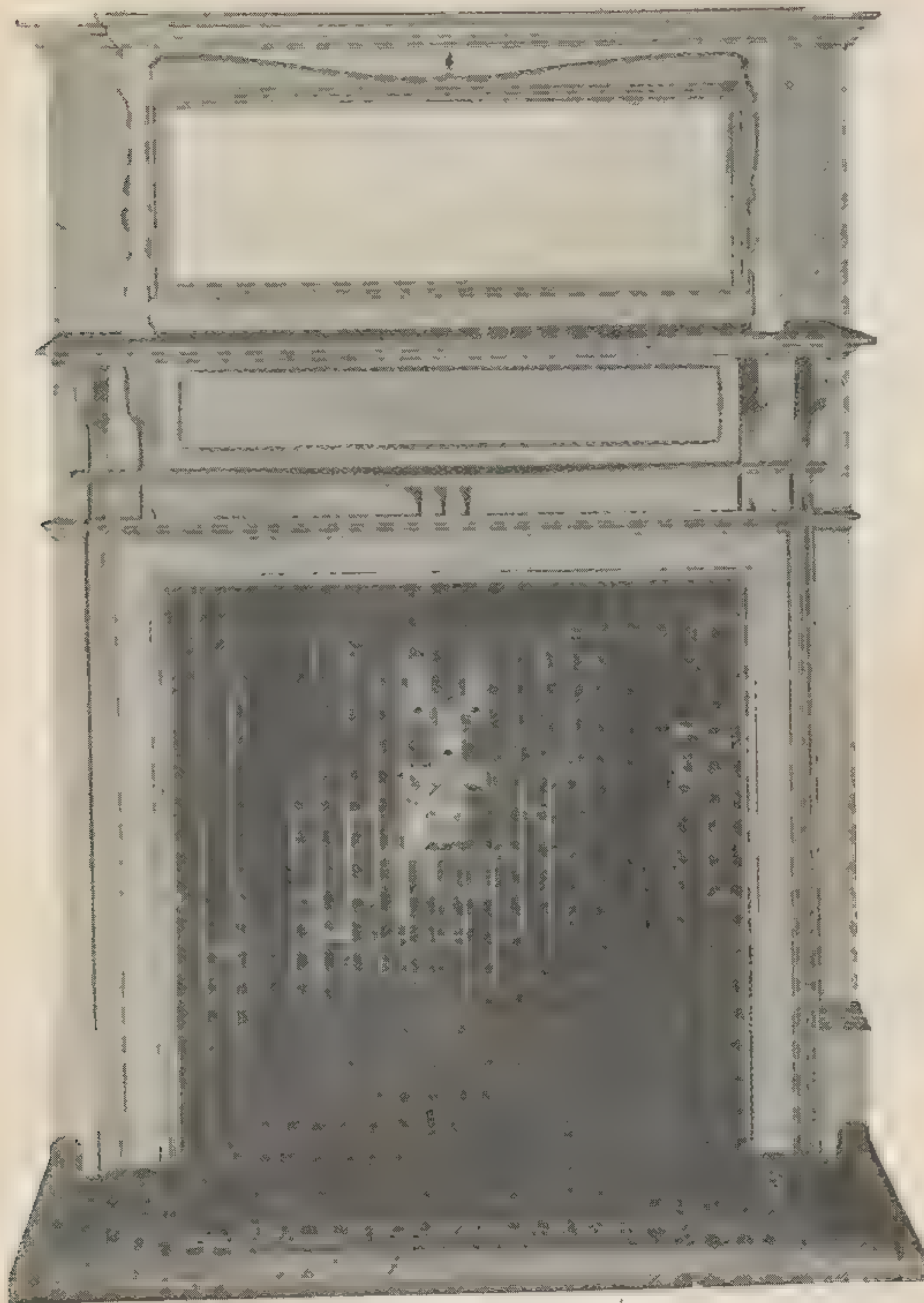


No. 26.
Width, 4 ft. 7 in.
Height, 6 ft. 5 in.
Shelf, 4 ft. 11 in. x 10 in.
MANTEL AND OVERMANTEL.
with bevelled glass mirror in
Overmantel and Cupboard
door.
Can be supplied without Over-
mantel.

STOCK OPENINGS TO SUIT 36 in. AND 38 in. GRATES.

ANY OTHER SIZE OPENING TO ORDER.

Artistic Wood Mantels.—Continued.



No. 27.

Showing Tiled Open Fireplace.
 Width, 4 ft. 4 in. Height, 6 ft. 3 in.
 Shelf, 8½ in. wide.



No. 28

Width, 4 ft. 4 in. Height, 6 ft. 7 in.
 Top shelf, 10 in. wide.

Artistic Wood Mantles.—Continued.



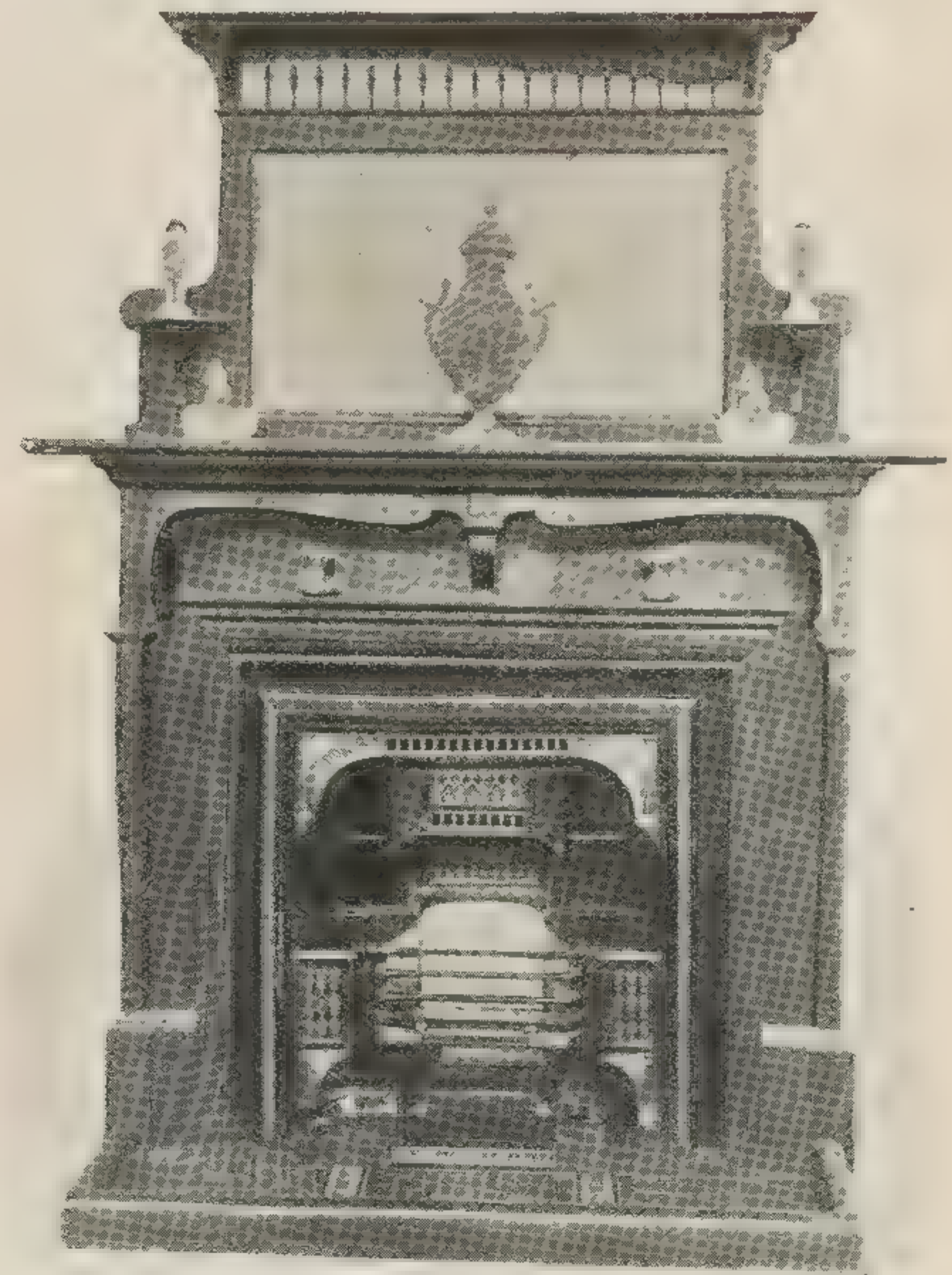
No. 29.

COMBINATION MANTEL AND OVERMANTEL.

Width, 4 ft. 6in.

Height, 6ft. 3in.

Shelf, 5 ft. x 12 in.



No. 30.

MANTEL AND OVERMANTEL.

Can be supplied without Overmantel.

Also shows Marble Kerb Fender, which we make in all sizes and colors.

Width, 4 ft. 6 in.

Height, 6 ft.

Shelf, 5 ft. 2 in.

Artistic Marble Mantels.



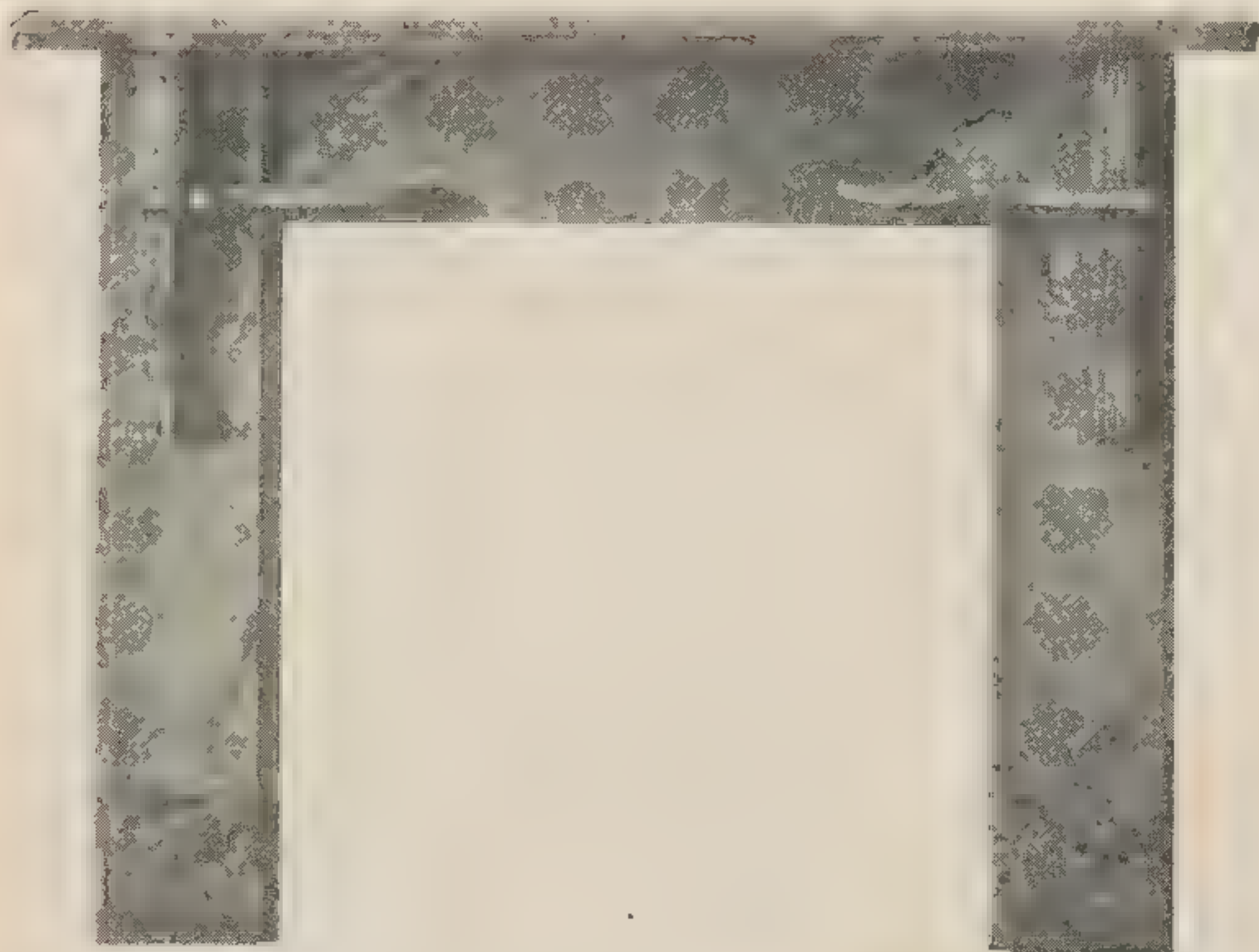
No. 31.

MASSIVE MANTEL, SET IN TILED INGLENOOK OR BAY,
with heavy Corbal Truss and Marble Architrave.

Jambs, 14 inch.
Moulded Shelf, 5 ft. 9 in. x 14 inch x 3 inch thick.
Height, 4 ft. 7 in.
Opening, 3 ft. 1 in. x 3 ft. 1 in.
or, any size to order in marble of any colour.

A FINE HEAVY MANTELPiece, FOR LARGE DINING OR BILLIARD ROOM.

Artistic Marble Mantles. *Continued.*



No. 32.

WHITE, RED, OR GREY MARBLE.

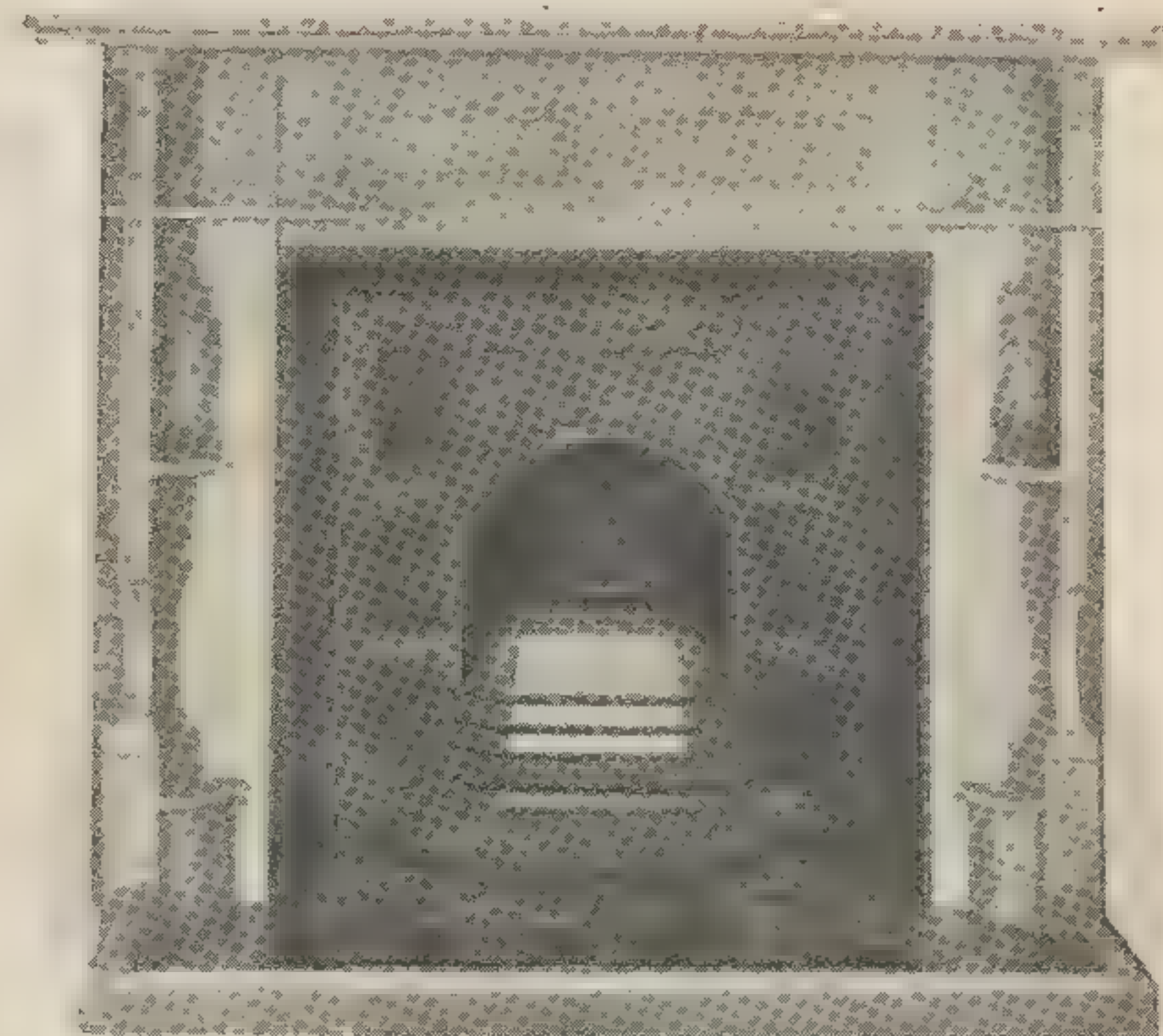
Jambs, 9 inch.

Shelf, 5 ft. 3 in. x 10 inch.

Height, 4 ft.

Opening, 3 ft. x 3 ft.

A neat little Mantelpiece for Cottage Dining Room.



No. 33.

WHITE SICILIAN MARBLE.

Jambs, 10 inch.

Shelf, 5 ft. 2 in. x 12 inch.

Height, 4 ft. 2 in.

Opening, 3 ft. x 3 ft.

This Mantelpiece is very suitable for moderate size Drawing Room.

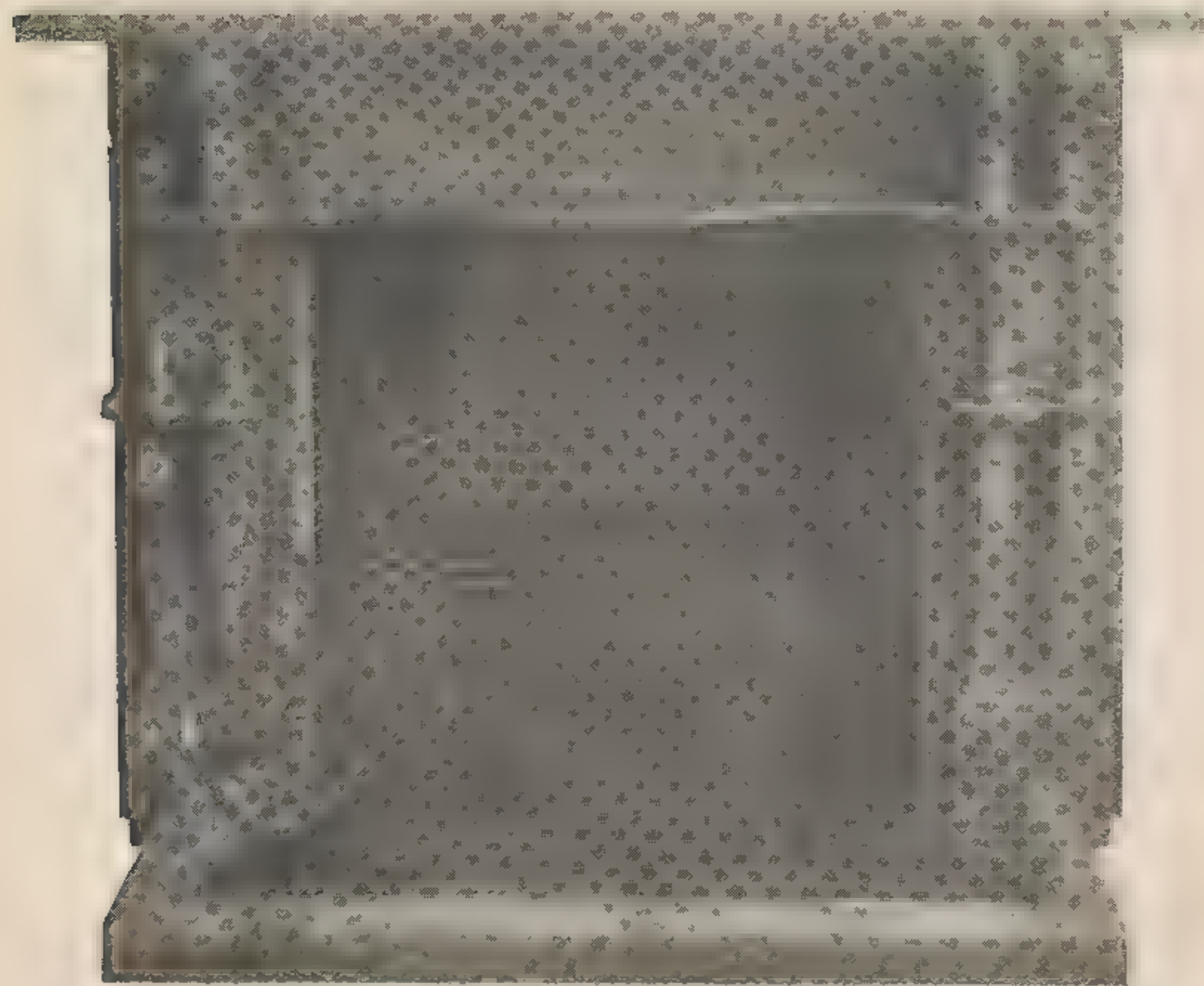


IRON, COPPER MOUNTED, OR WOOD KERBS.

Stock Size, 4 ft. x 12 inches (inside measurement.)

Also, Antique Copper.

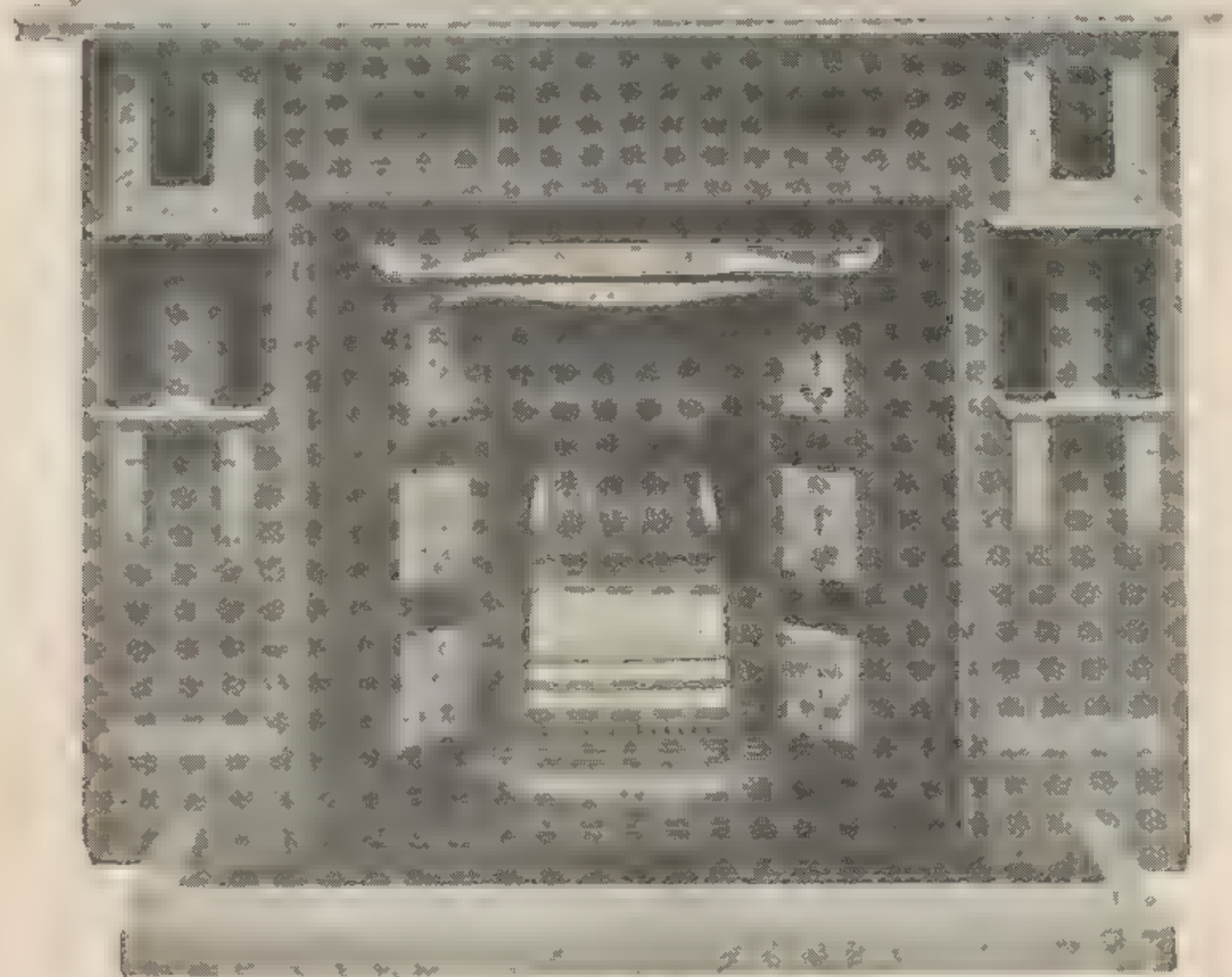
Artistic Marble Mantles. *Continued*



No. 34.

This very fine Mantelpiece, of new design, fitted with Serpentine under Shelf, suitable for Dining or Drawing Room of medium size.

In Red or Grey Australian Marble.
Jambs, 12 inches.
Shelf, 5 ft. 6 in. x 12 in.
Height, 4 ft. 2 inches.
Opening, 3 ft. 1 in. x 3 ft. 1 in.
Showing open fireplace and marble kerb.

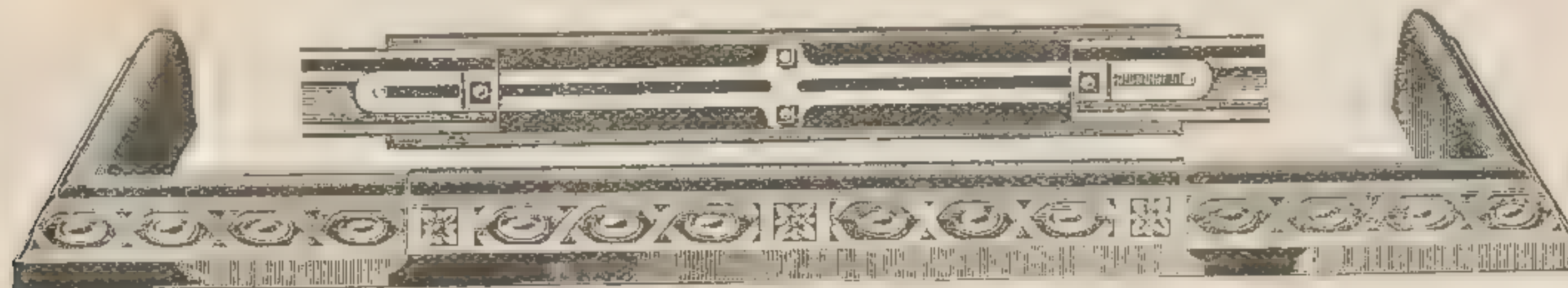


No. 35.

MARBLE MANTELPIECE, in White or Colored.

This is a very pleasing and effective design, and one we can recommend for either Drawing or Dining Room.

Jambs, 13 in.
Shelf, 5 ft. 8 in. x 13 in.
Height, 4 ft.
Openings, 3 ft. 1 in. x 3 ft. 1 in.



ADJUSTABLE IRON KERBS.

Can be used to fit any size hearth.

Artistic Mantels.—Continued



This handsome Mantelpiece, bold in design, is very suitable for large, lofty rooms.

Janb., 16 in.

Seat, 3 ft. 3 in. x 11 in.

Height, 4 ft. 11 in.

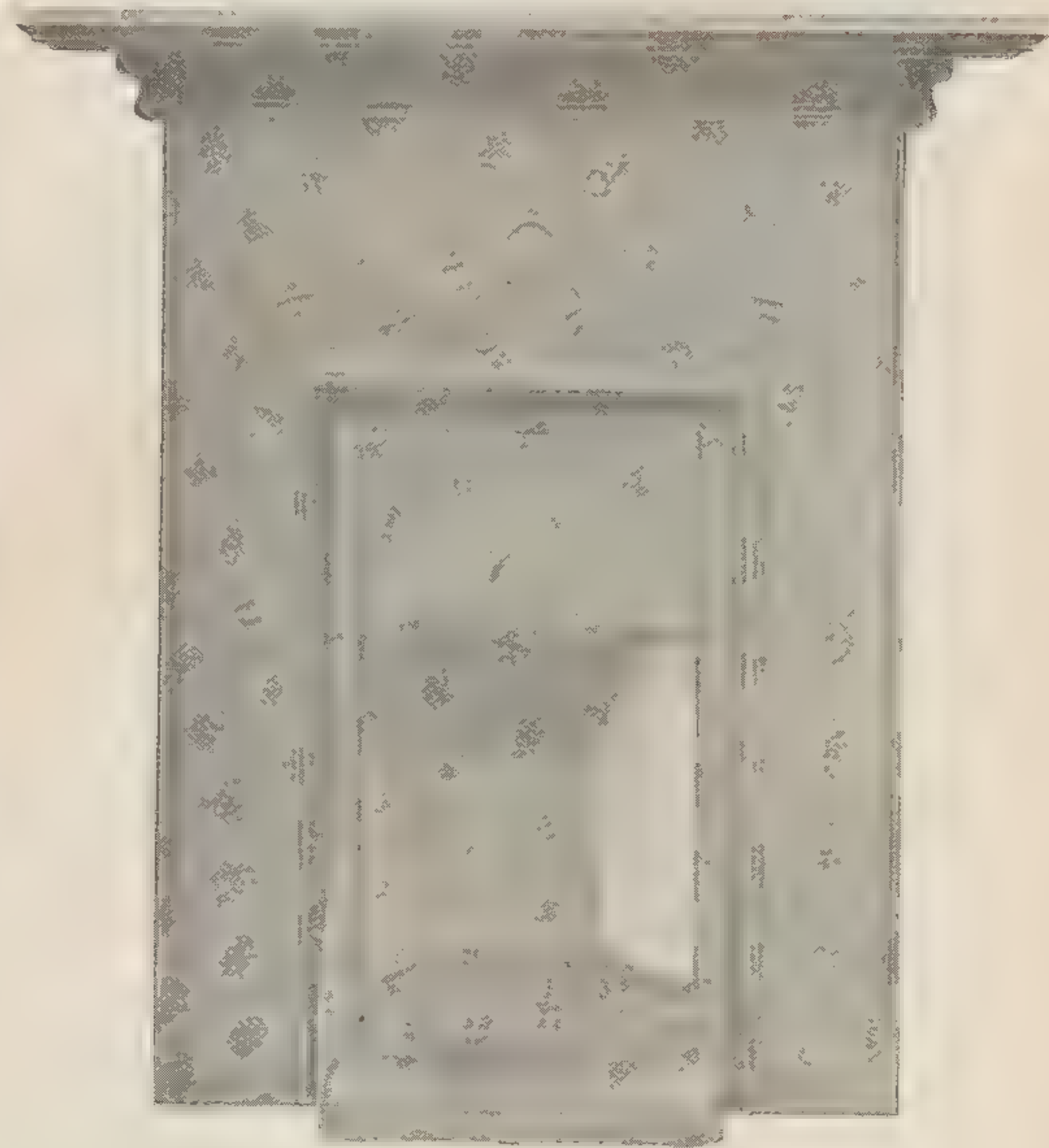
Opening, 3 ft. 3 in. x 3 ft. 3 in.

Red or Grey Australian
Marble



SECTIONS OF MARBLE KERBS.

To match any Mantelpiece; Stock Size, 48 x 12 inches, inside measurement. Any size made to order.



FINE CAST IRON COMBINATION MANTEL AND GRATE.

Height, 4 ft. 3 in.; Width, 3 ft.; Shelf, 3 ft. 10 in.

Can also supply Mantel-Grates prepared for tiles.

Height, 4 ft. 3 in.; Width, 2 ft. 8 in.; Fire, 14 in.

Height, 4 ft. 6 in.; Width, 3 ft. 6 in.; Fire, 16 in.

The "Air-Pit Fires."



SLABBED BRIQUETTES AND TILES SURROUND.

Size 40 x 40 inches overall. 18 inch fire.

"Delft," "Marle," or Plain Surface.

FAIENCE KERB, as shown,

"Delft" or "Marle," or Plain Surface.



SLABBED BRIQUETTES AND TILES HOB SURROUND.

Size 40 x 40 inches overall. 18 inch fire.

"Delft," "Marle," or Plain Surface.

TILE KERB, as shown, "Delft," "Marle," or Plain Surface.

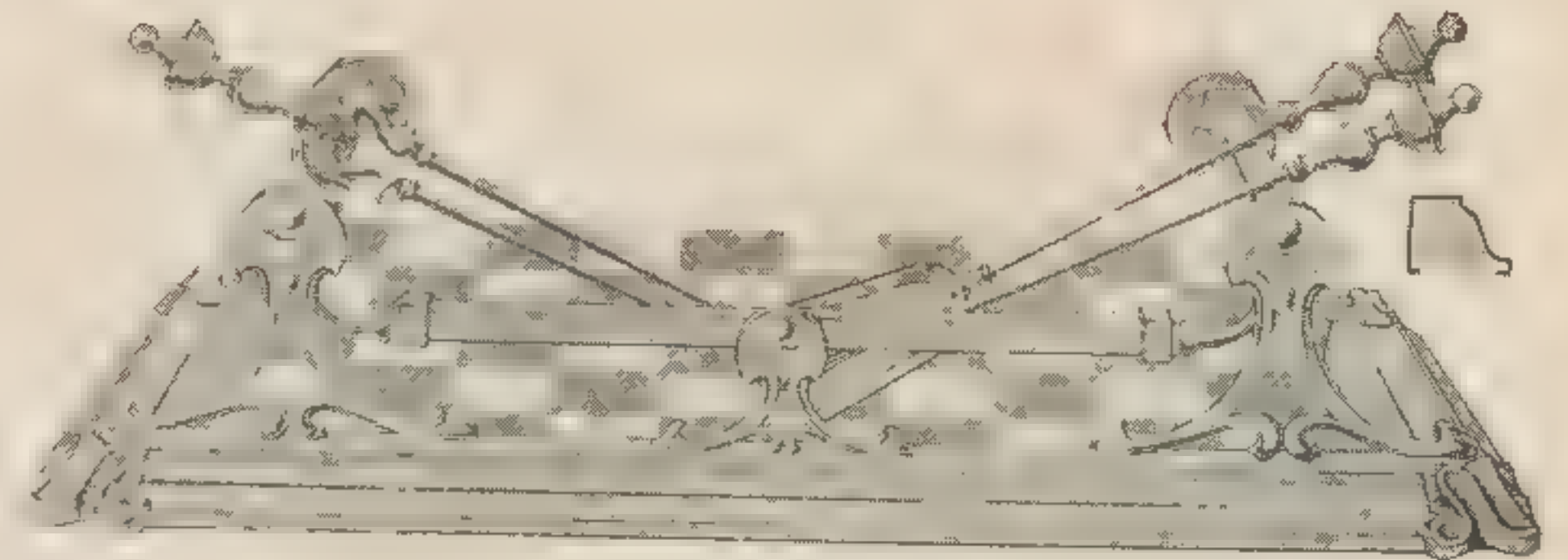
OTHER DESIGNS AND SIZES IN STOCK

Kerb Suites for Tiled Hearths.

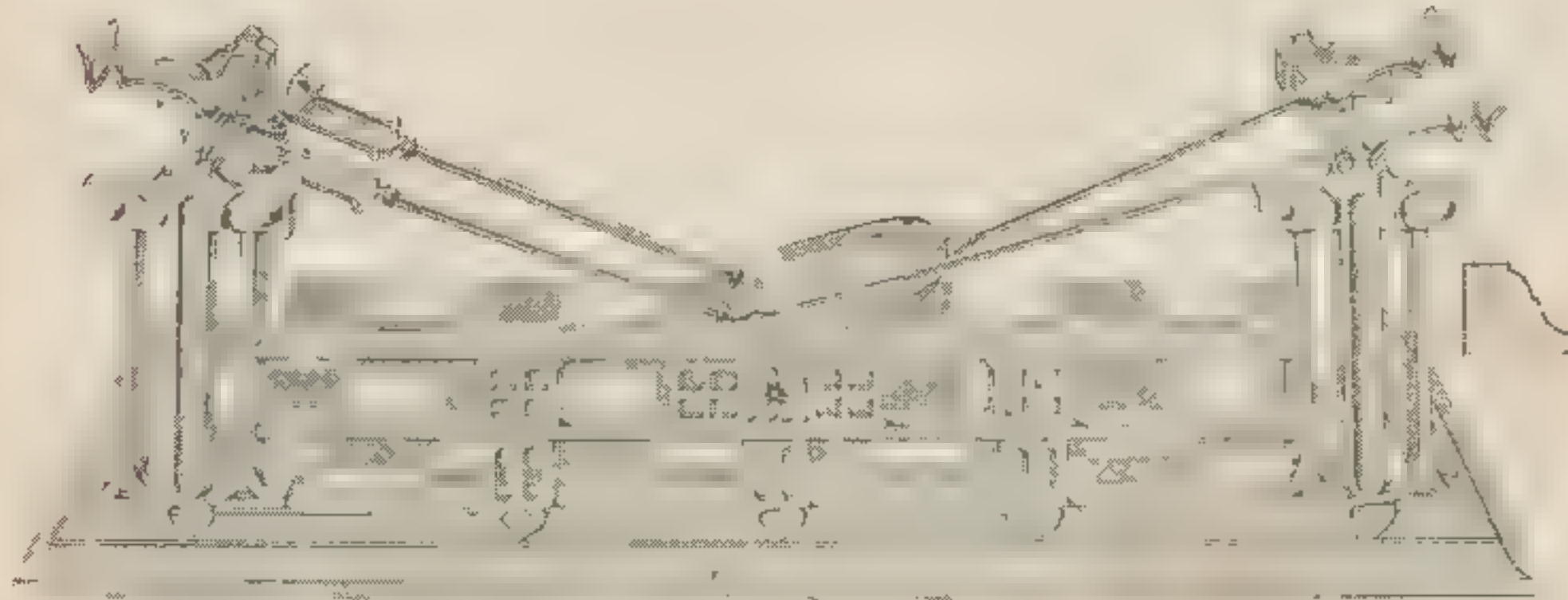


No. 1.

SOLID BRASS KERB SUITE, CONSISTING OF FENDER WITH SUPPORTS AND SET OF SOLID BRASS FIRE IRONS.

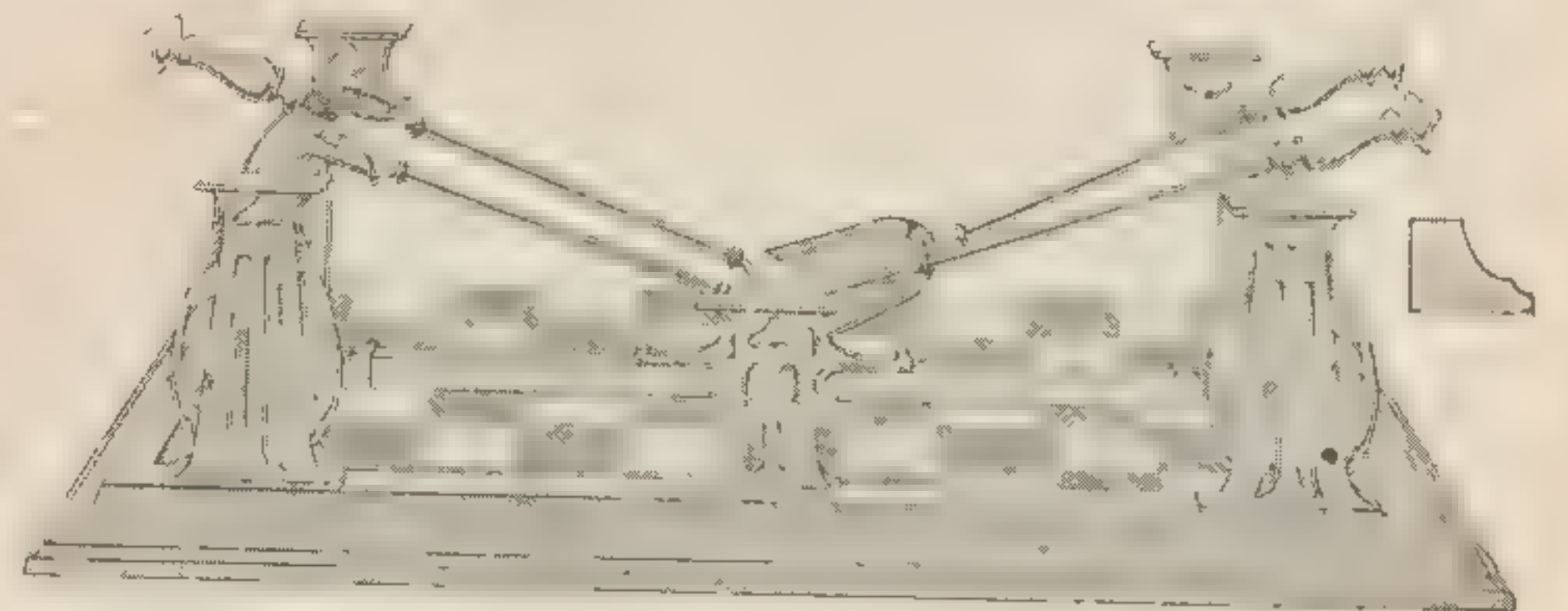


No. 2.



No. 3.

CAN ALSO BE SUPPLIED IN ANTIQUE COPPERED FINISH.



No. 4



No. 5.

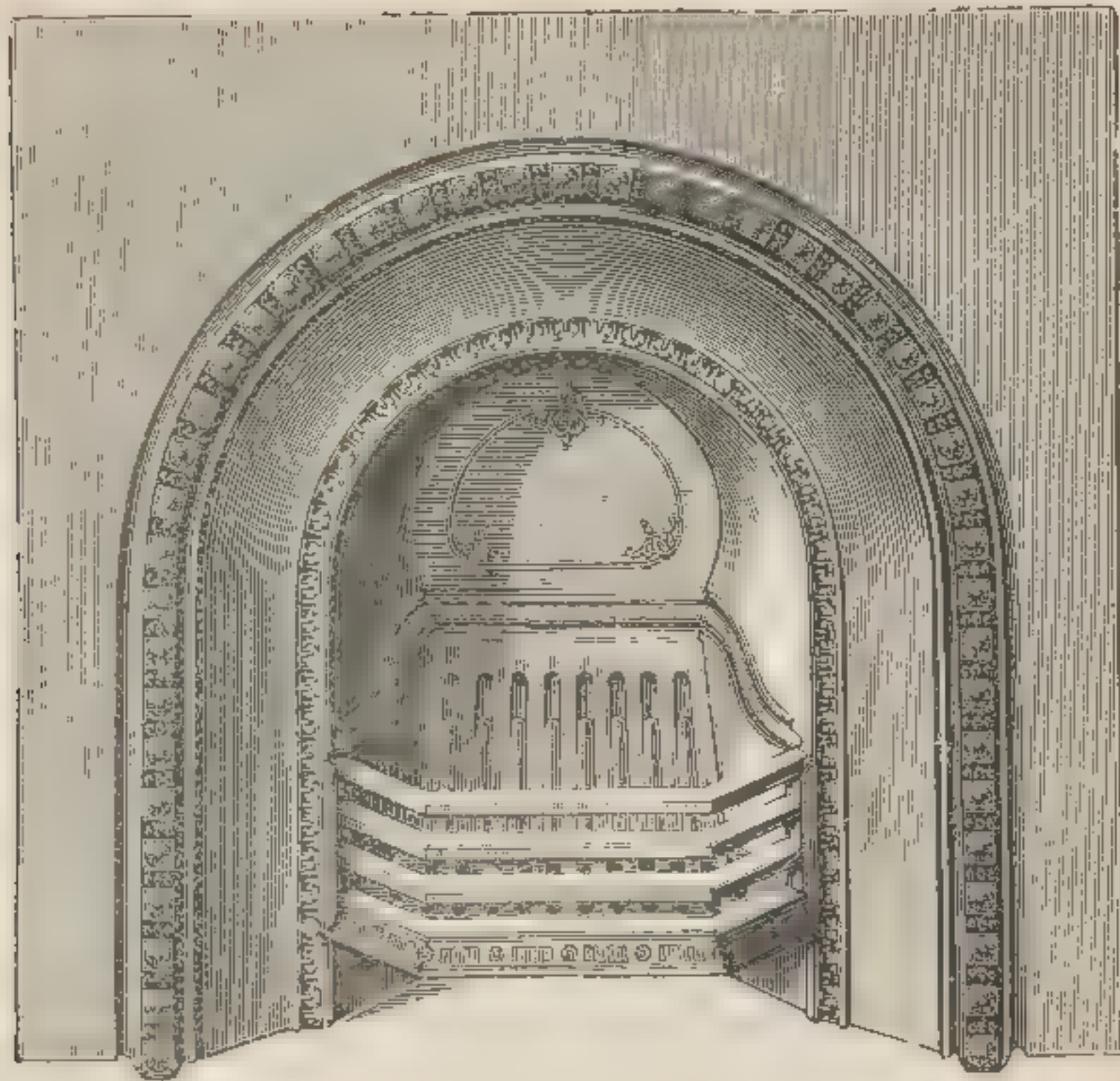
BEST FINISH, STOVE BLACKED, IRON AND BRASS, OR COPPER, KERB SUITES, FOR TILED HEARTHES, IN GREAT VARIETY.

STOCK SIZE, 48 in. x. 12 in. OTHER SIZES MADE TO ORDER.



No. 6.

Grates.



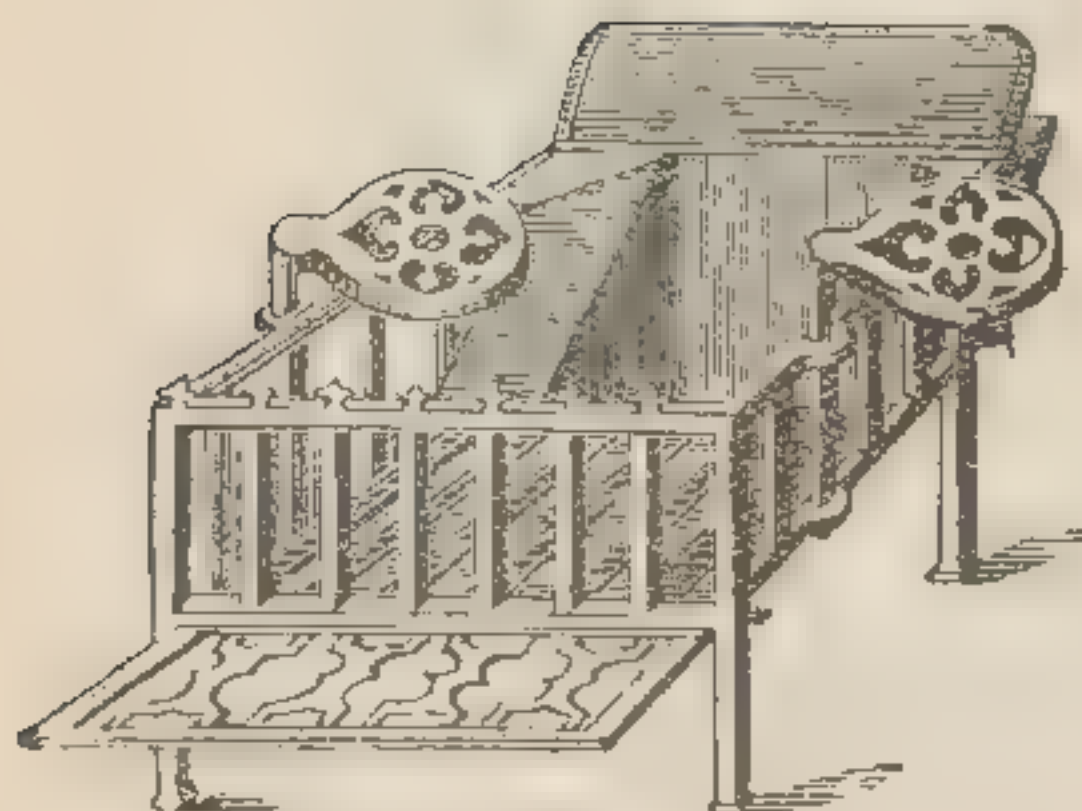
No. 1.

REGISTERED GRATE, FINE CAST OR POLISHED.
30, 32, 34, 36 x 36, 38 x 38, 40 x 40 inches.
Fire Boxes, 16, 18, 20, 22 inches.



No. 2.

HOBB REGISTER GRATE.
36 x 36, 38 x 38 inches



KENT GRATE.

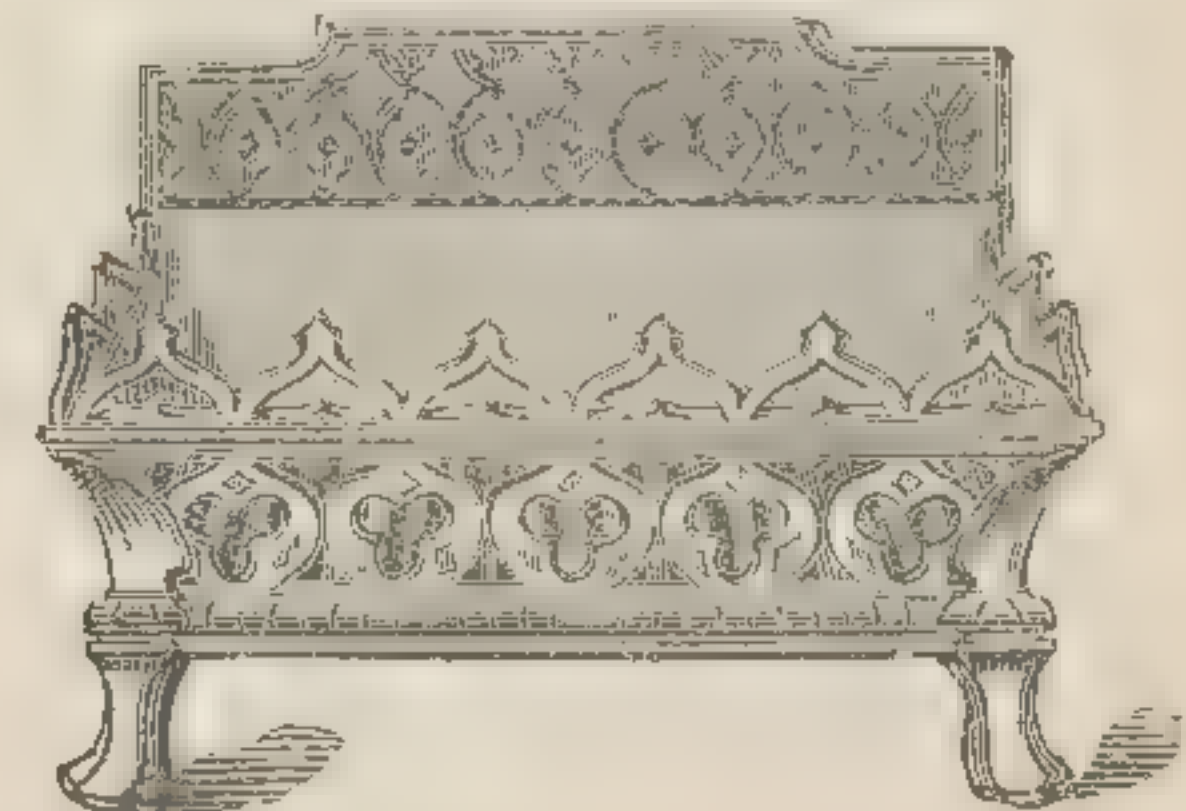
12 and 14 inch.



No. 3.

HALF REGISTER GRATES.

34 and 36 inch.

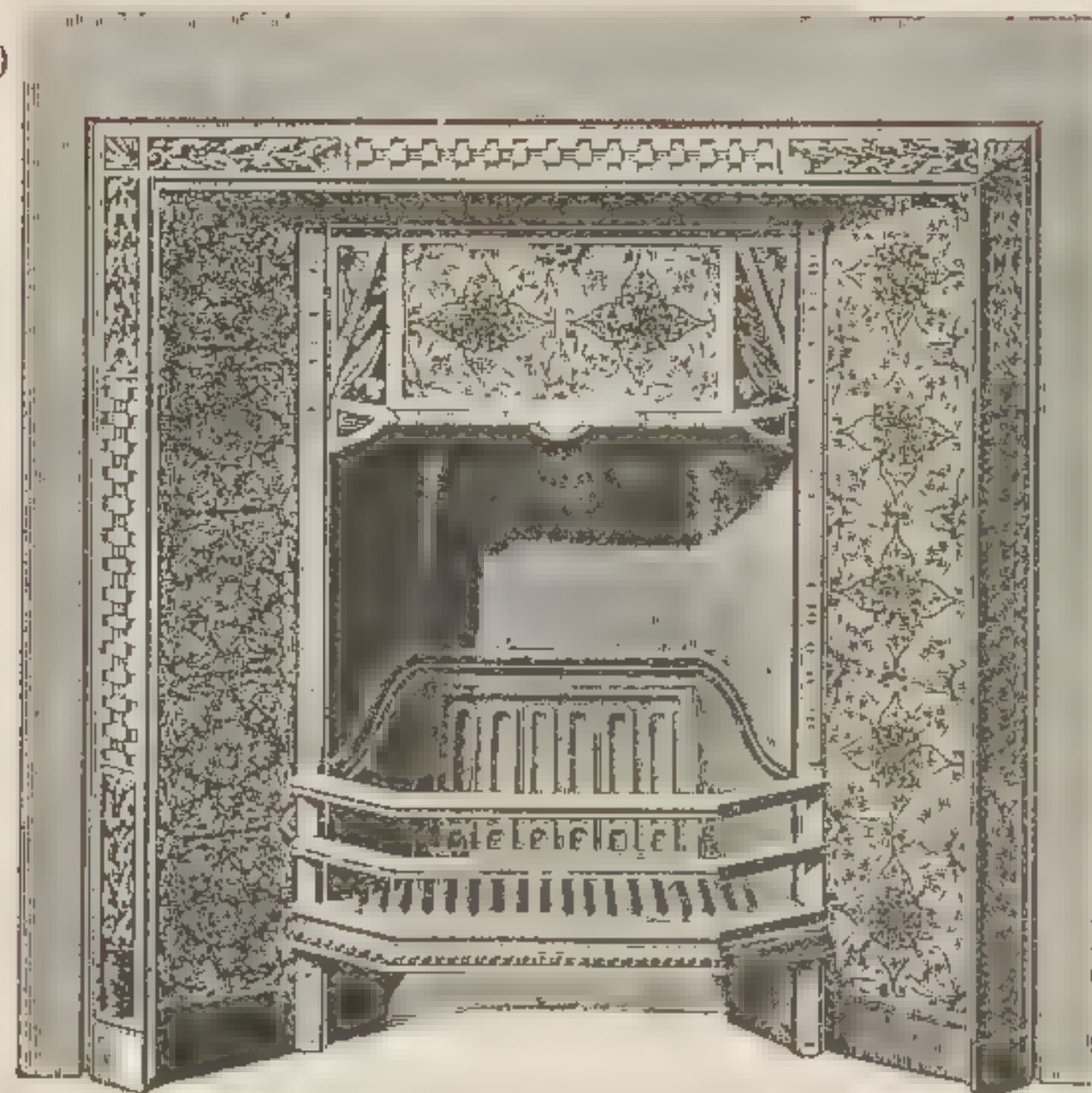


GOTHIC HALL GRATE.

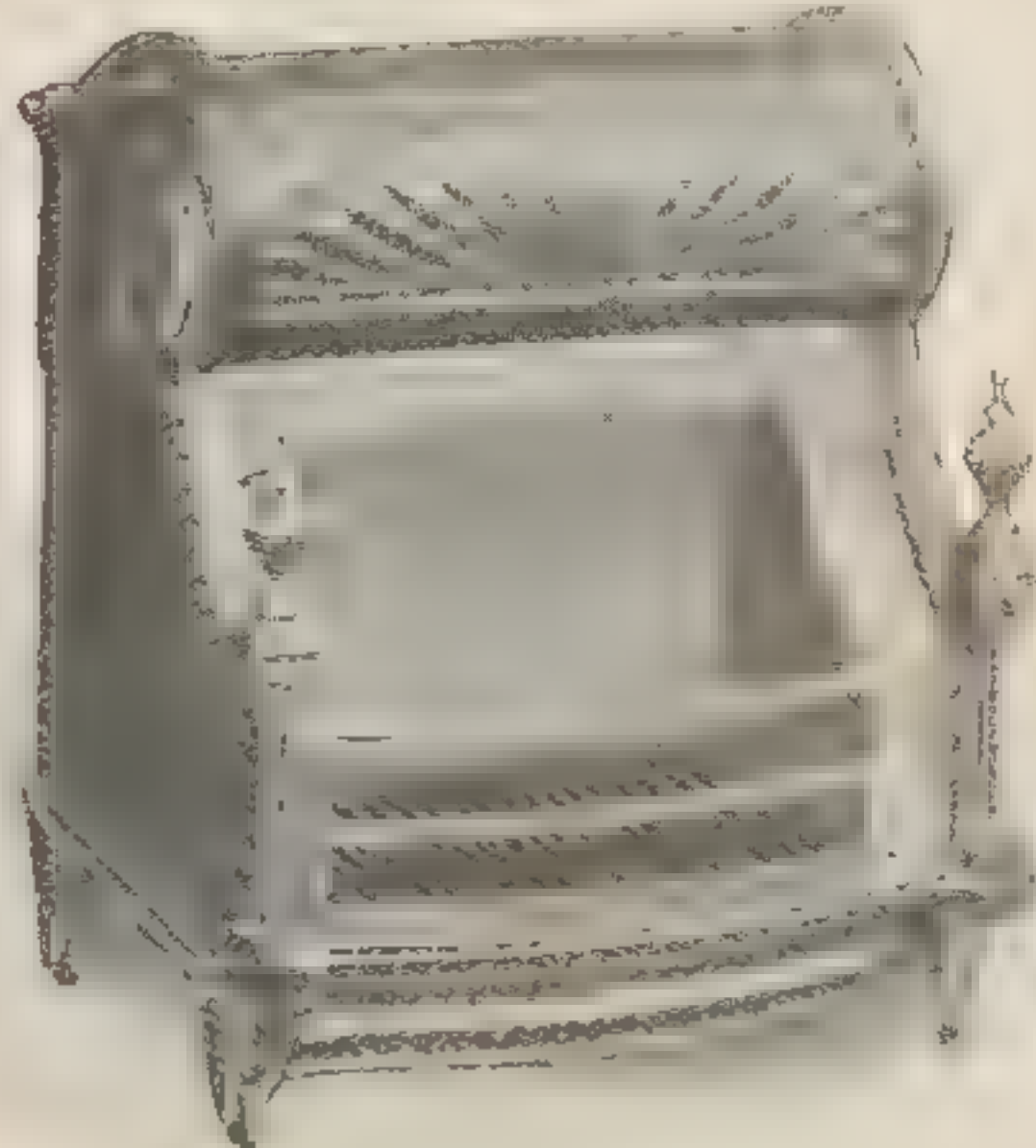
13½in., 16in., 19in., and 22in.

Grates.

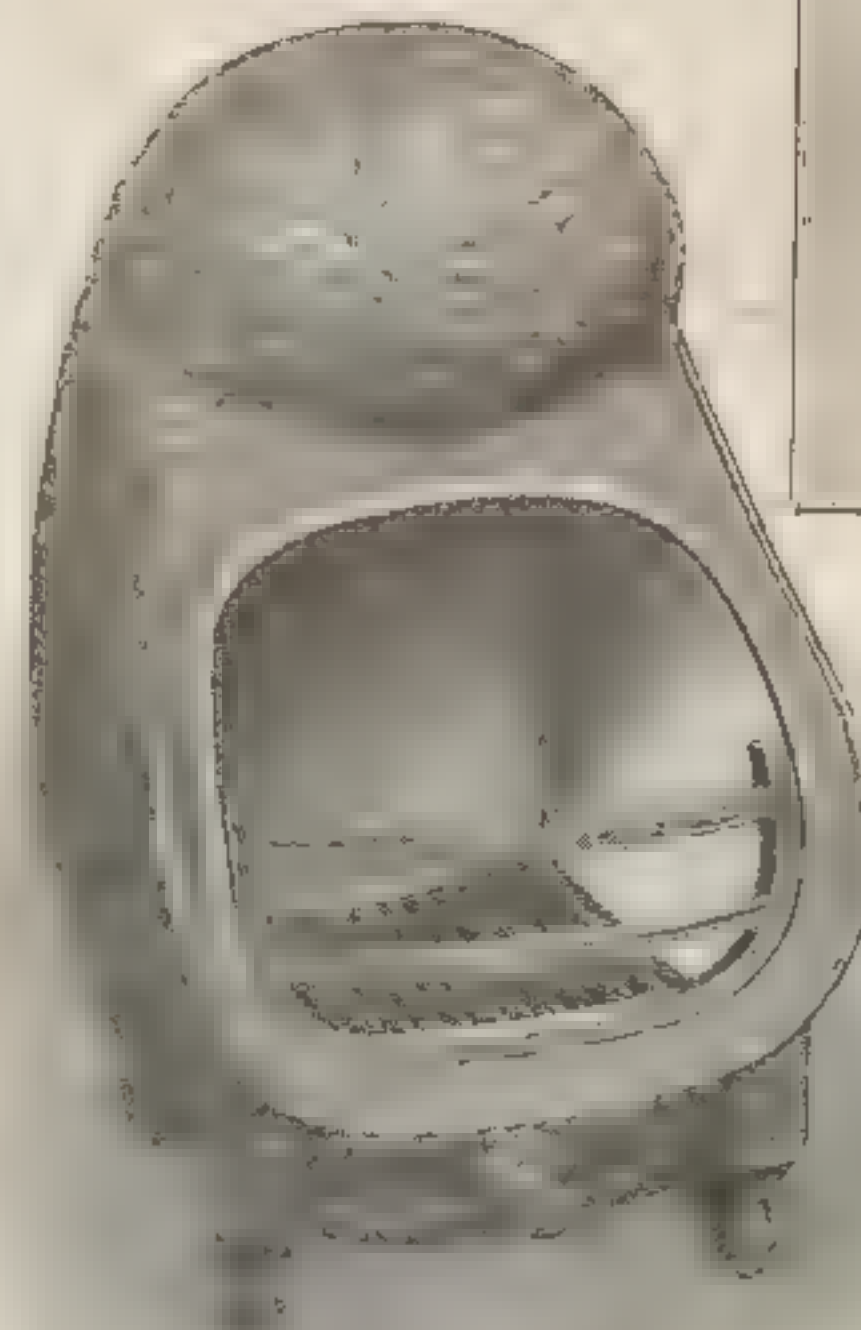
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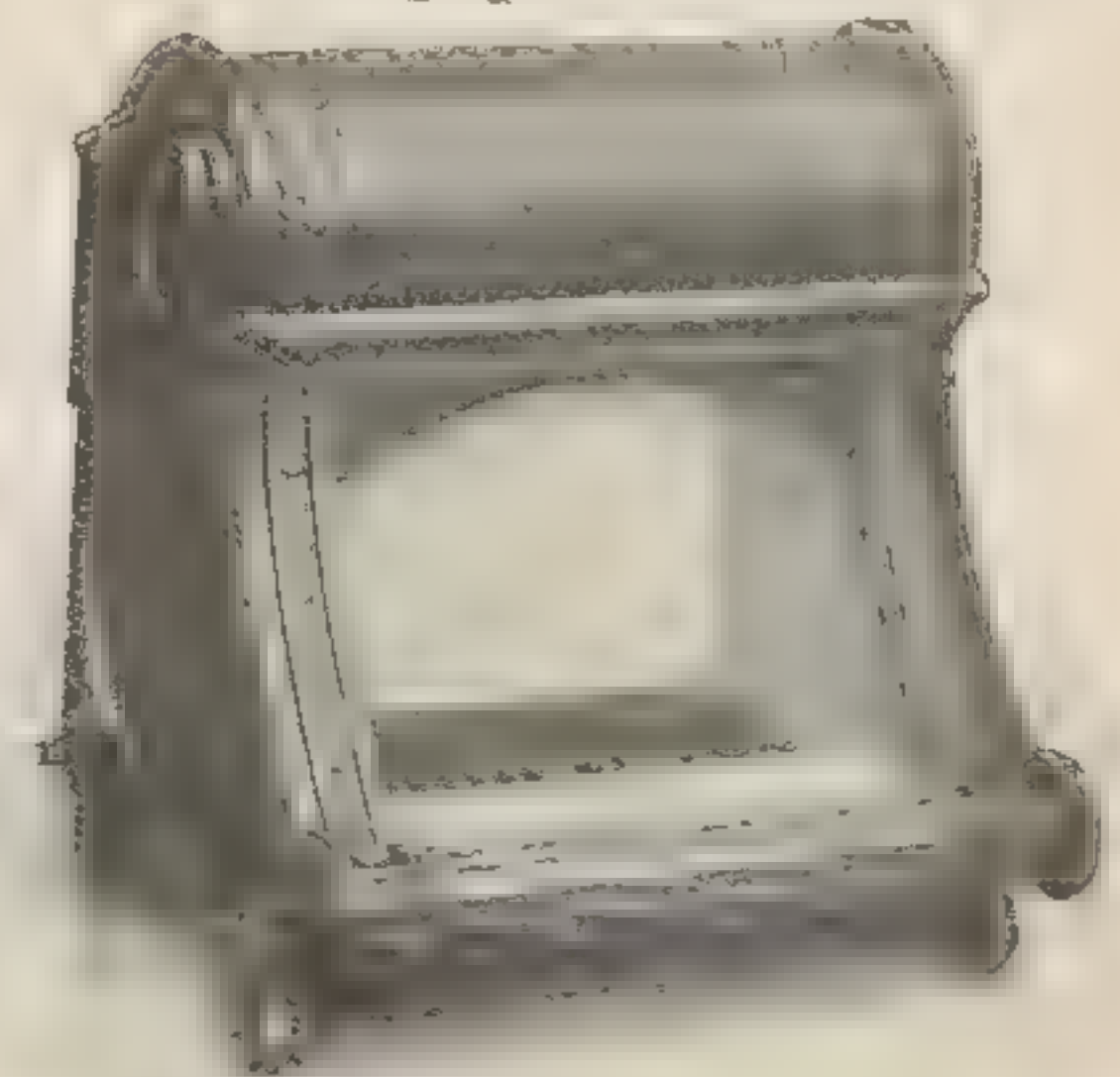
No. 4. **TILED GRATE, WITH IRON CANOPY.**
Fine Cast, or Polished.
38 x 38 inches



No. 5. **TILED GRATE, WITHOUT CANOPY.**
Fine Cast, or Polished.
38 x 38 inches.



No. 2.
NAUTILUS GRATES.
Particulars as to fixing on application.



No. 3.

No. 1.

These grates are slow combustion, fire back lined, and will burn any description of fuel. Three times more heat from fuel consumed than any other grate made. No smoke, no dust, perfect regulation of draught. They are the acknowledged cure for smoky chimneys. These are used with great success in one of the leading Hotels in Sydney where they were previously very much troubled with smoky chimneys.



Grates

Continued.

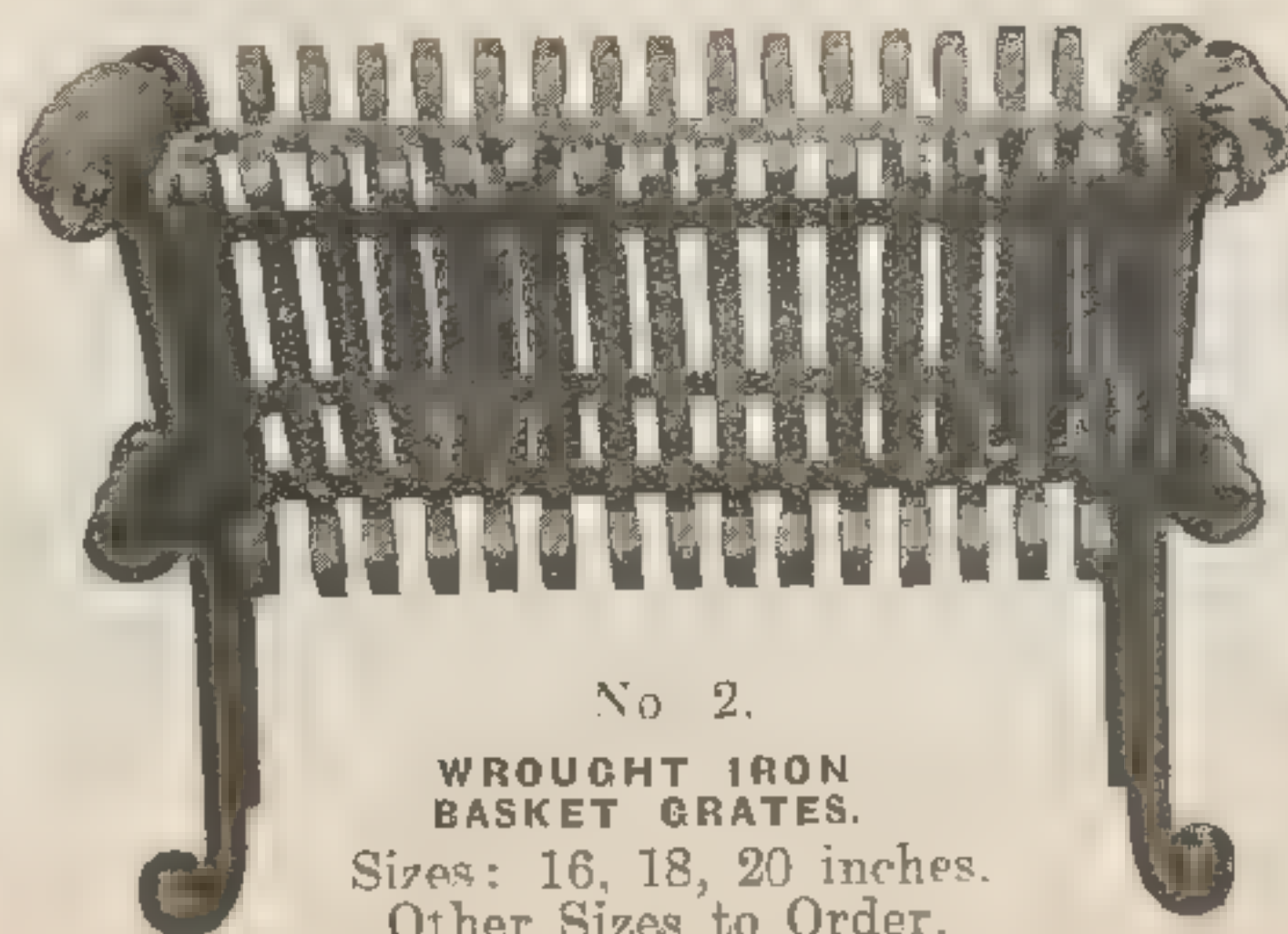


No. 6.
**TILED REGISTERED GRATE, WITH POLISHED ANTIQUE
 COPPER, BRASS OR IRON CANOPY.**
 Semi-Slow Combustion Fret.
 Full-down front bars; four-piece brick back.
 38 x 38 inches.

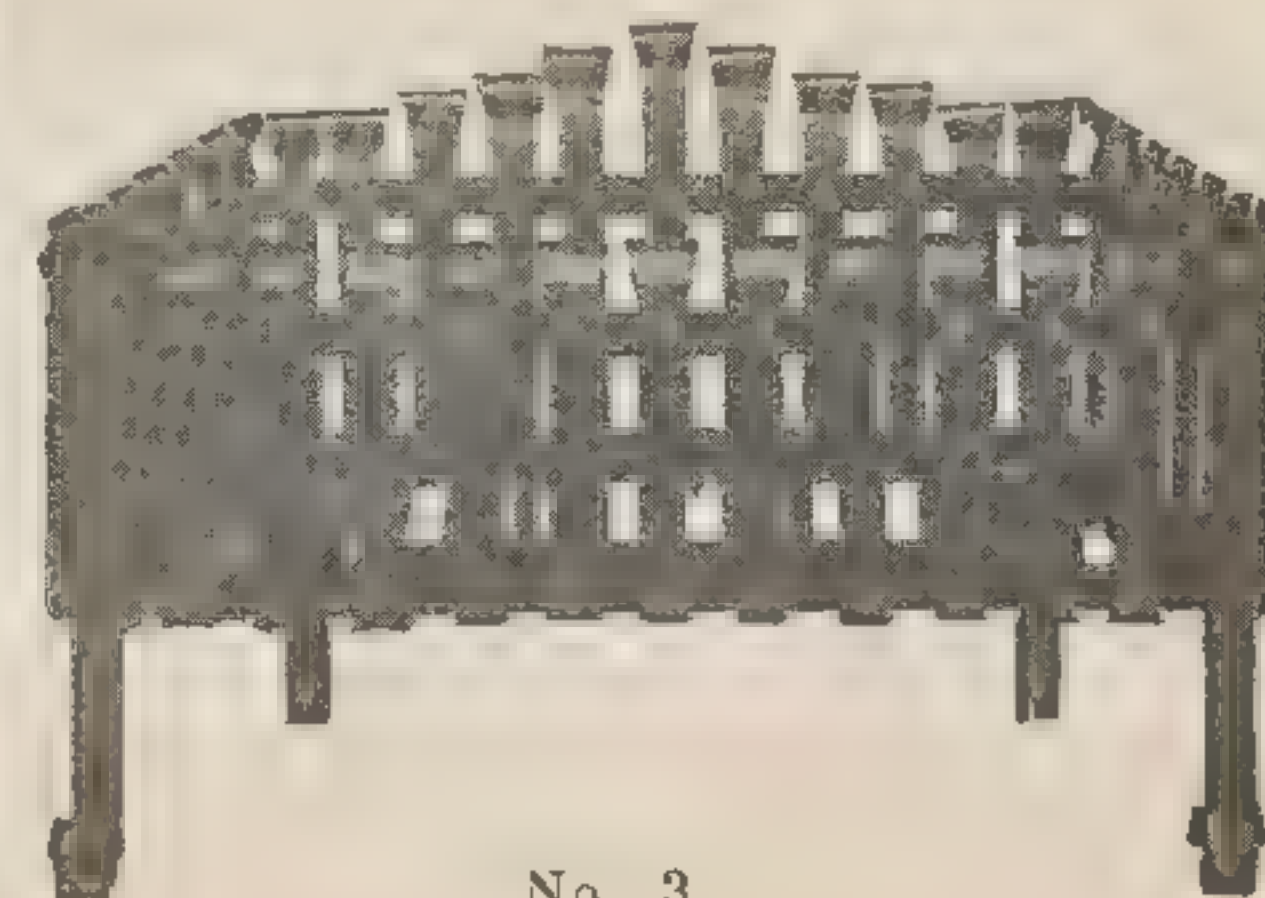
No. 7.
TILED REGISTERED GRATE, WITH IRON OR COPPER CANOPY,
 Semi-Slow Combustion Fret.
 38 x 38 inches.



No. 1.



No. 2.
**WROUGHT IRON
 BASKET GRATES.**
 Sizes: 16, 18, 20 inches.
 Other Sizes to Order.



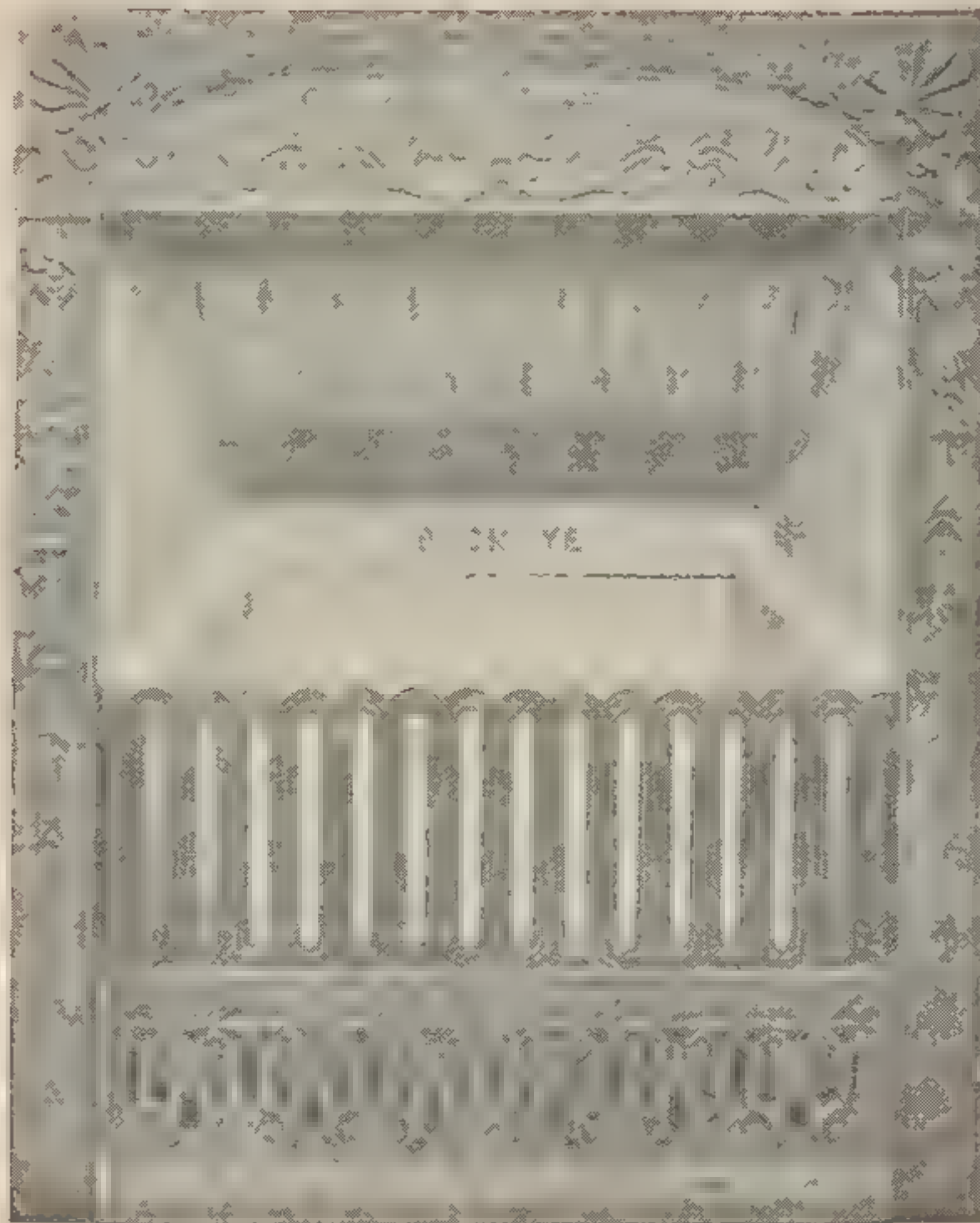
No. 3.

Grates.

Continued.

This Grate is one of the most economical, practical, and satisfactory fire-grates made. It is fitted with two dampers, which can be operated to control the fire, and prevent smoky chimneys, and puffing of smoke into room.

Can be supplied in dull black or electro-bronzed finish.



BUCKEYE INTERIOR GRATE.

Open view, showing curved top, which reflects the heat into room.
30½ in. wide, 30½ in. high, 24 in. grate.

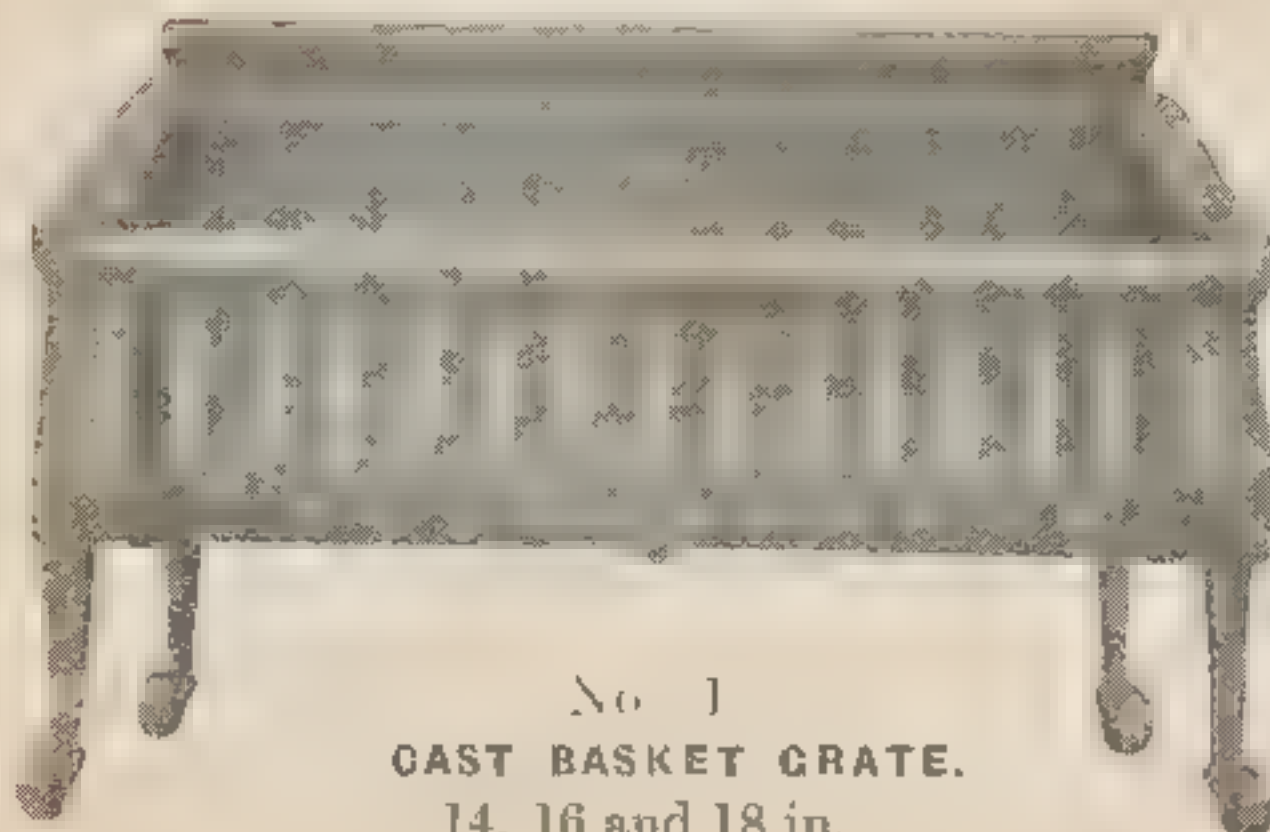


ASH PAN WITH VENETIANS.

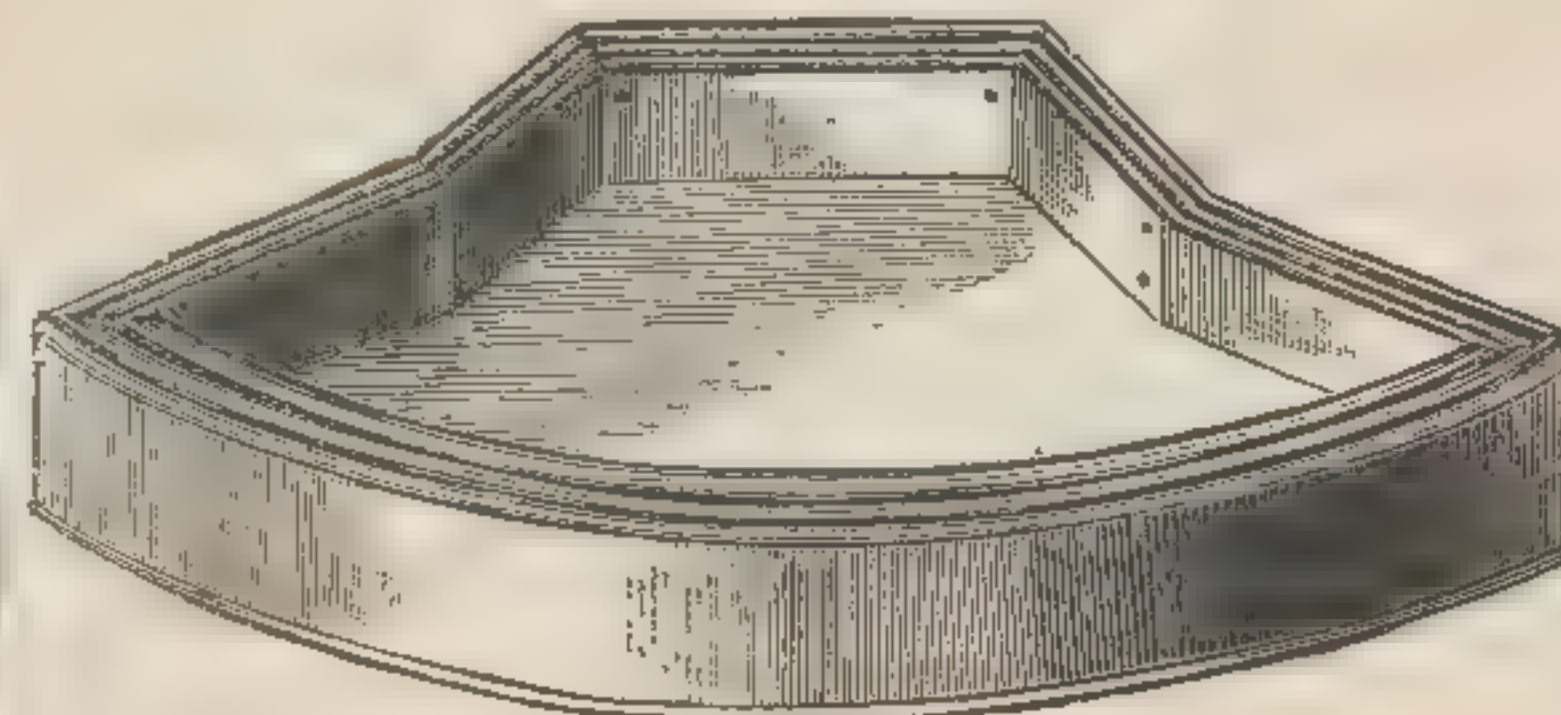


BUCKEYE INTERIOR GRATE.

Closed view, showing loose summer piece in position.
30½ in. wide, 30½ in. high, 24 in. grate

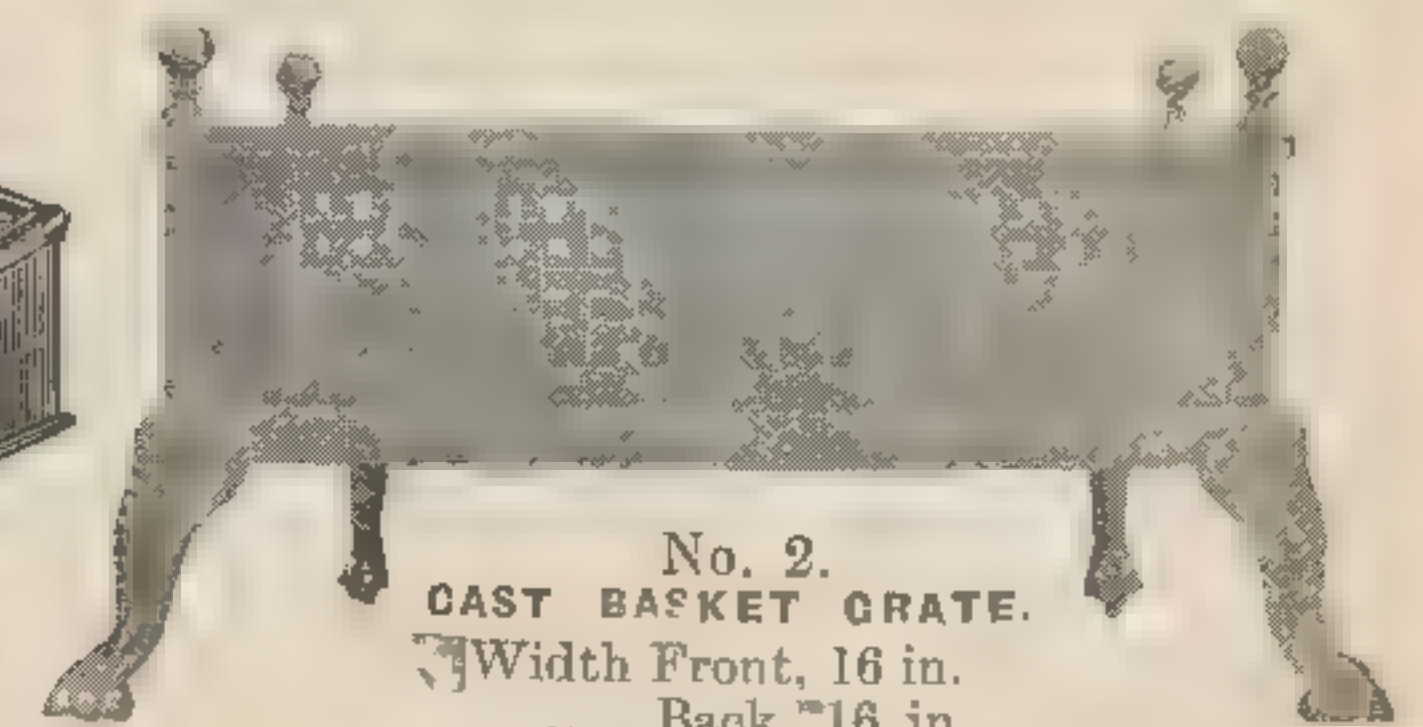


**No. 1
CAST BASKET GRATE.**
14, 16 and 18 in.



ASH PANS.

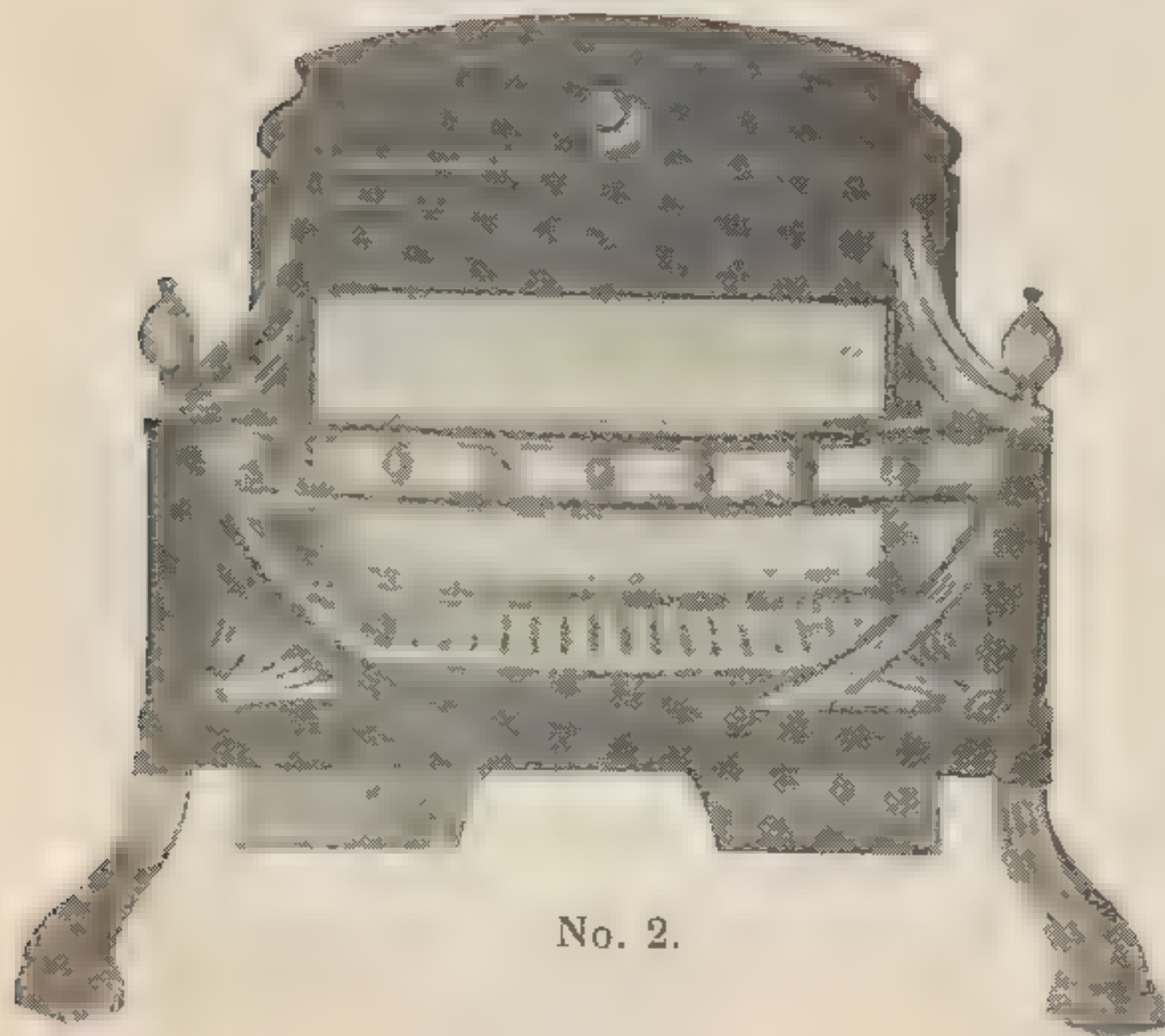
Stocked to suit all stocked sizes of Grates.
Any size made to order.



**No. 2.
CAST BASKET GRATE.**
Width Front, 16 in.
" Back, 16 in.
Depth 10 in.

Grates. - Continued.

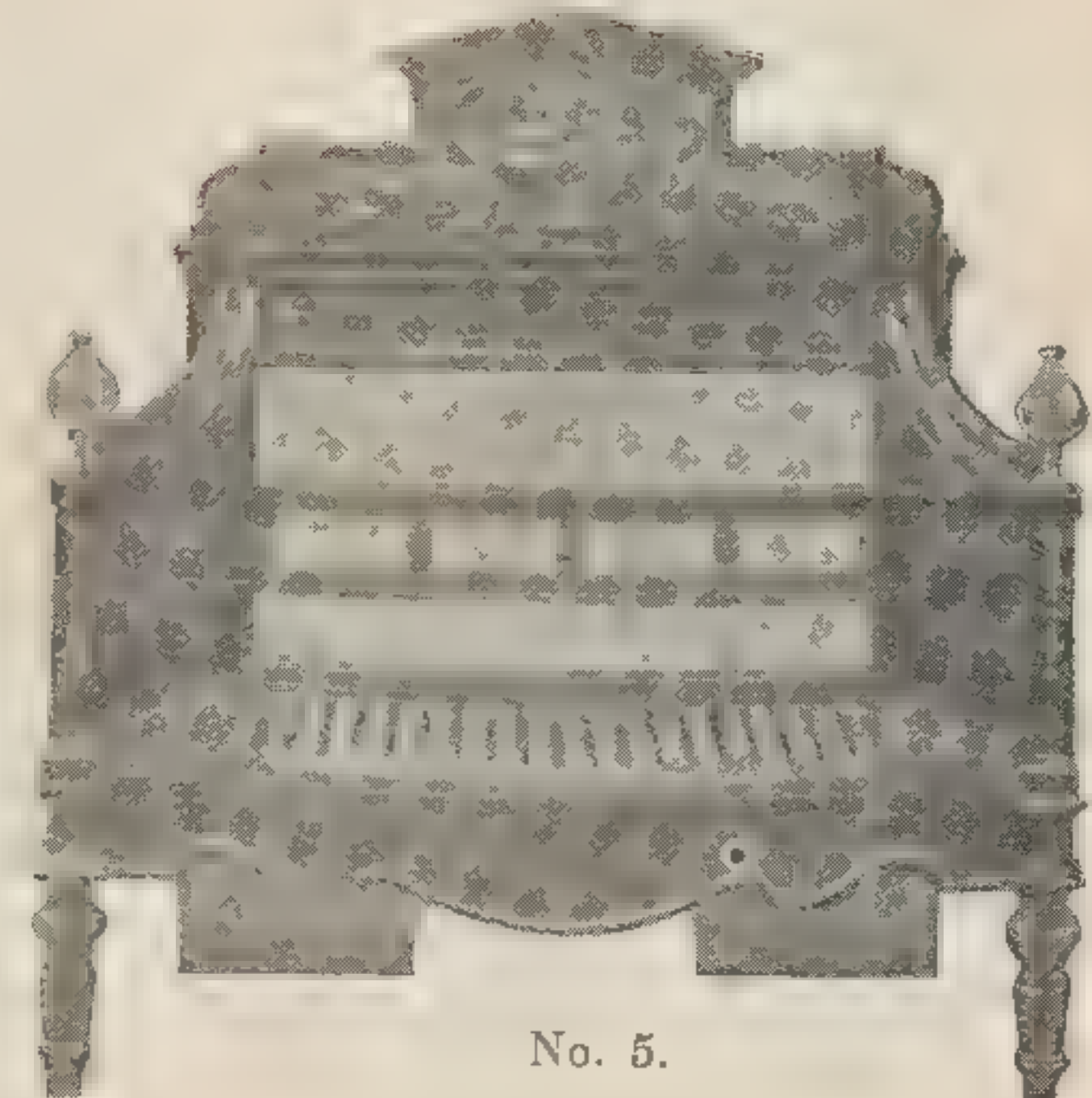
DOG GRATES



No. 2.
20 in. Fire.
Fine Cast, Brick Back.

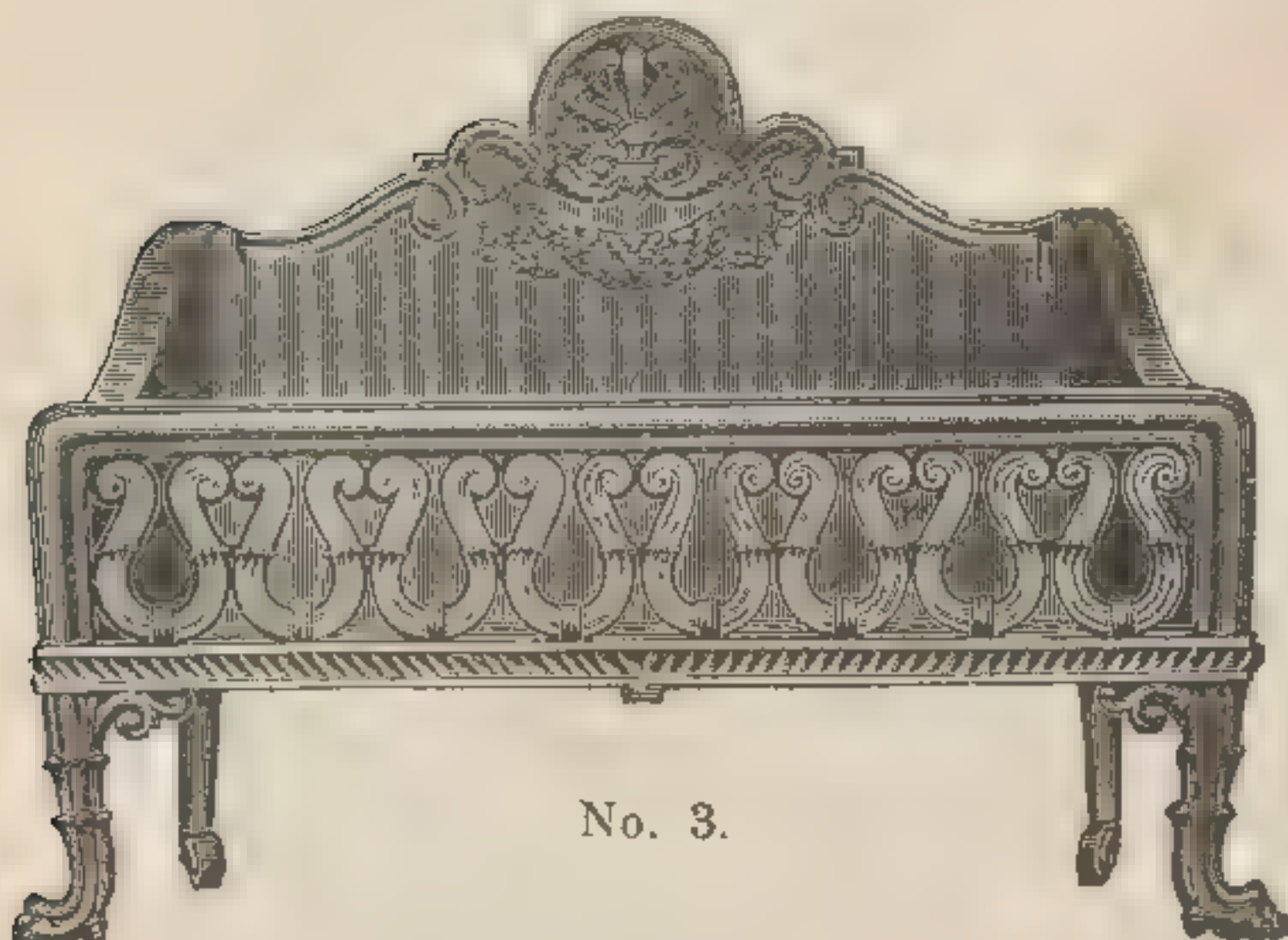


No. 4.
Width—Front, 18½ in.
" Back, 15 in.
Depth, 12½ in.
Fine Cast, Iron Back.

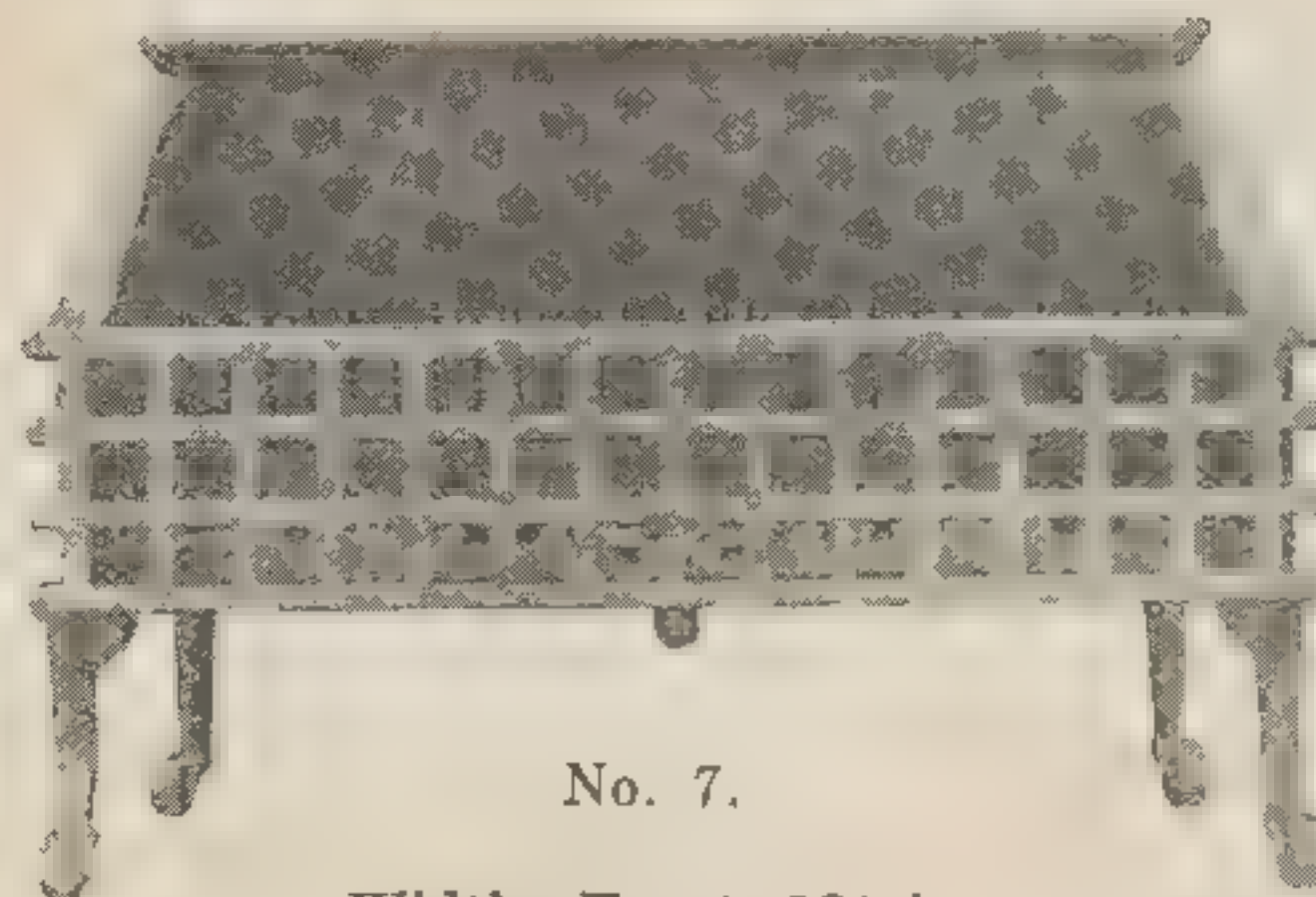


No. 5.
20 in. Fire.
Fine Cast, Brick Back.

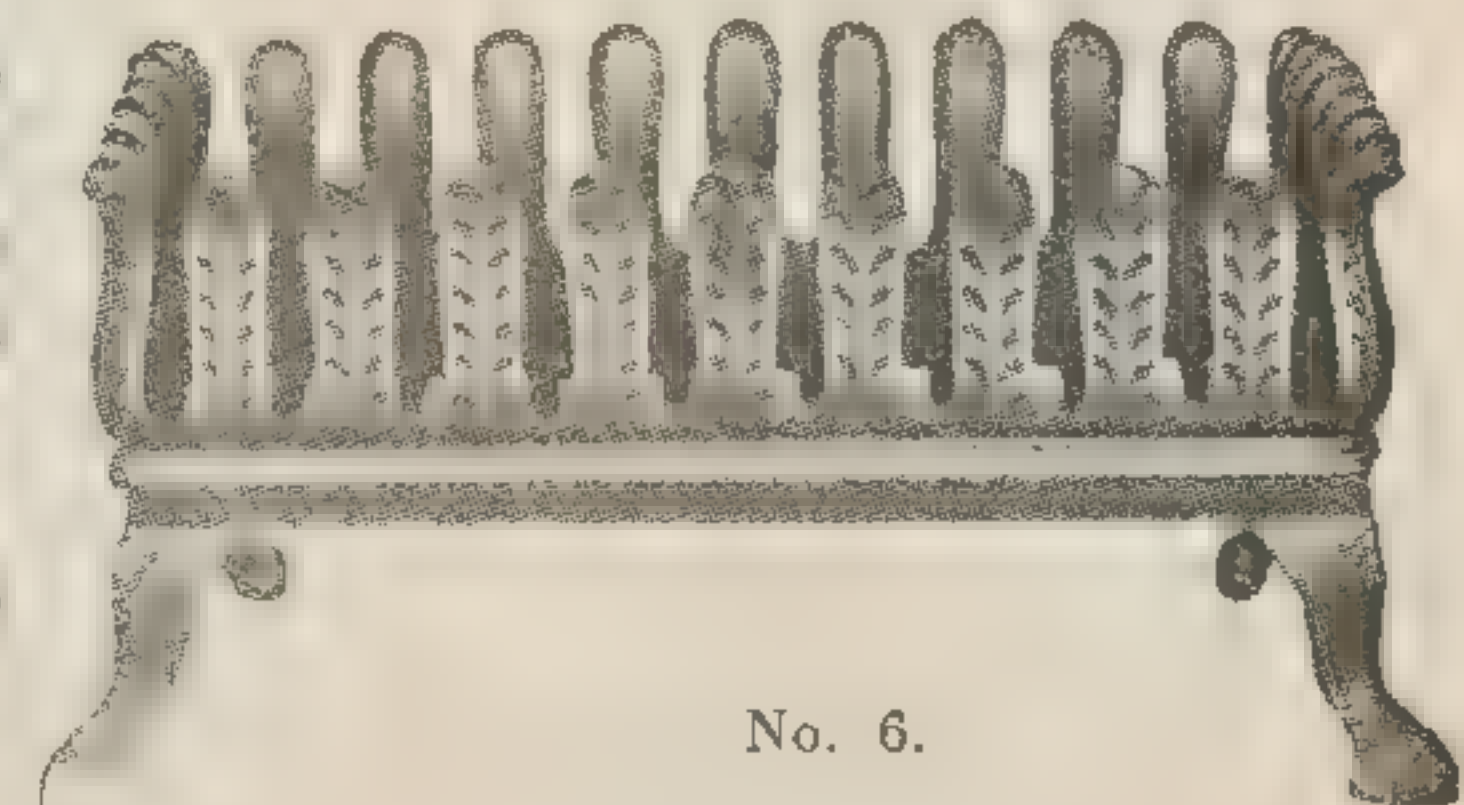
Cast Iron Basket Grates.



No. 3.
Width—Front, 21 in.
Back, 18 in.
Depth, 12 in.



No. 7.
Width—Front, 18½ in.
Back, 17½ in.
Depth, 11½ in.



No. 6.
Width—Front, 20 in.
Back, 20 in.
Depth, 13½ in.

A LARGE VARIETY IN STOCK.

INTERIOR GRATES, With Slow Combustion Frets, Brick Back, in 4 Pieces.



No. 1.
20in. x 38in., FINE CAST,
With Fret.
Iron Back and 1 Brick.



No. 2. 18in. x 30in., FINE CAST,
With Fret.
Ditto Ditto, 3rd Finish,
With Brass-beaded Canopy.



No. 3.
22in. x 38in., BEST FINISH,
Iron or Copper Canopy.



No. 4.
21in. x 30in., FINE CAST,
Iron Canopy with Brass Bead.



No. 5.
21in. x 30in., FINE CAST,
With Fall-down Front Bar
to form a Trivet; Iron Canopy.



No. 6.
22in. x 38in., BEST FINISH,
Copper Canopy.



No. 7.
22in. x 38in., BEST FINISH,
Copper Canopy with Fall-down Front Bars.
Patent Shaker Bottom Grate for ejecting ashes.



No. 8.
22in. x 30in., BEST FINISH,
With Copper Repousse Canopy.

Fire Dogs and Trivets.



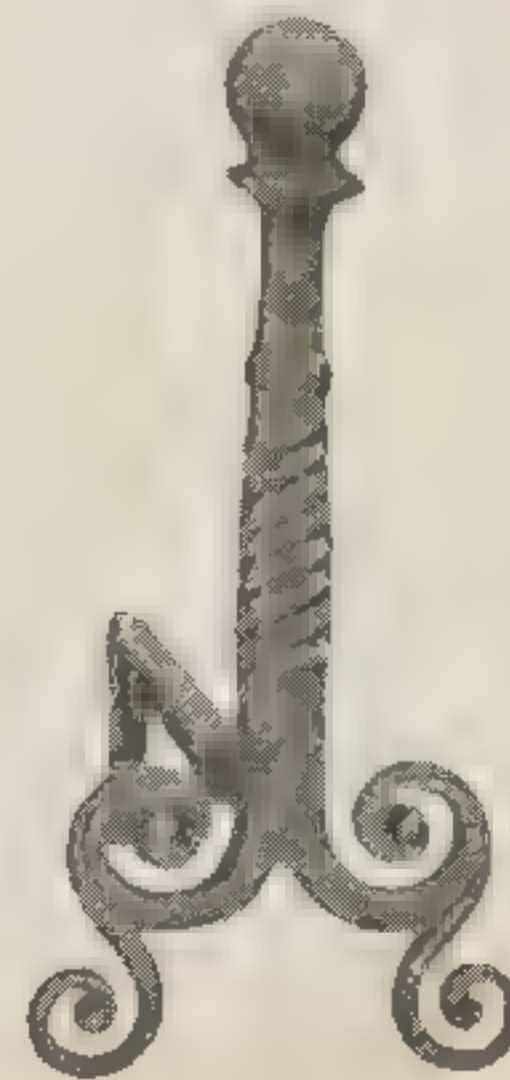
No. 1.



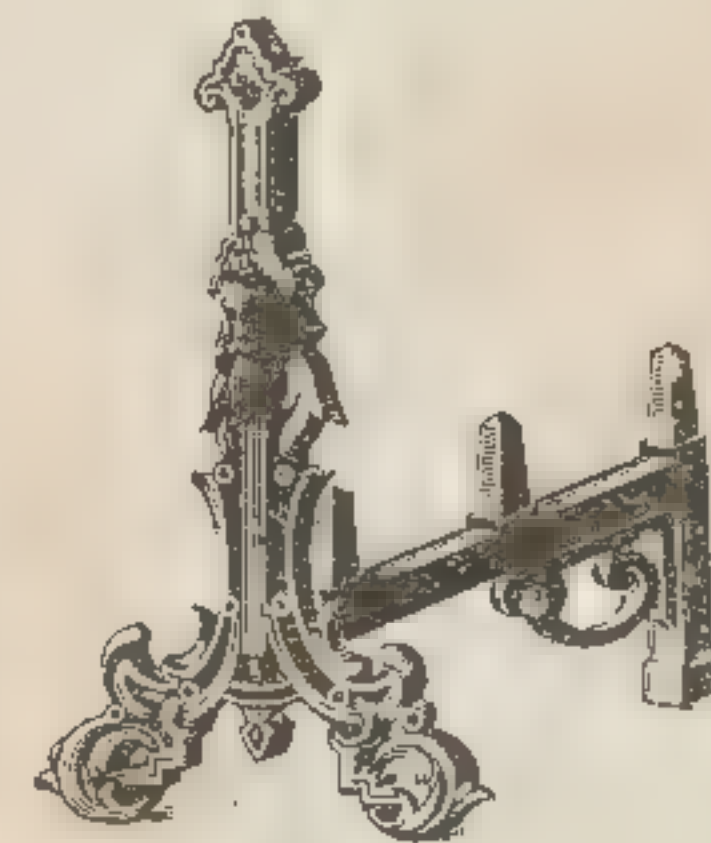
No. 2.



No. 3.



No. 4.

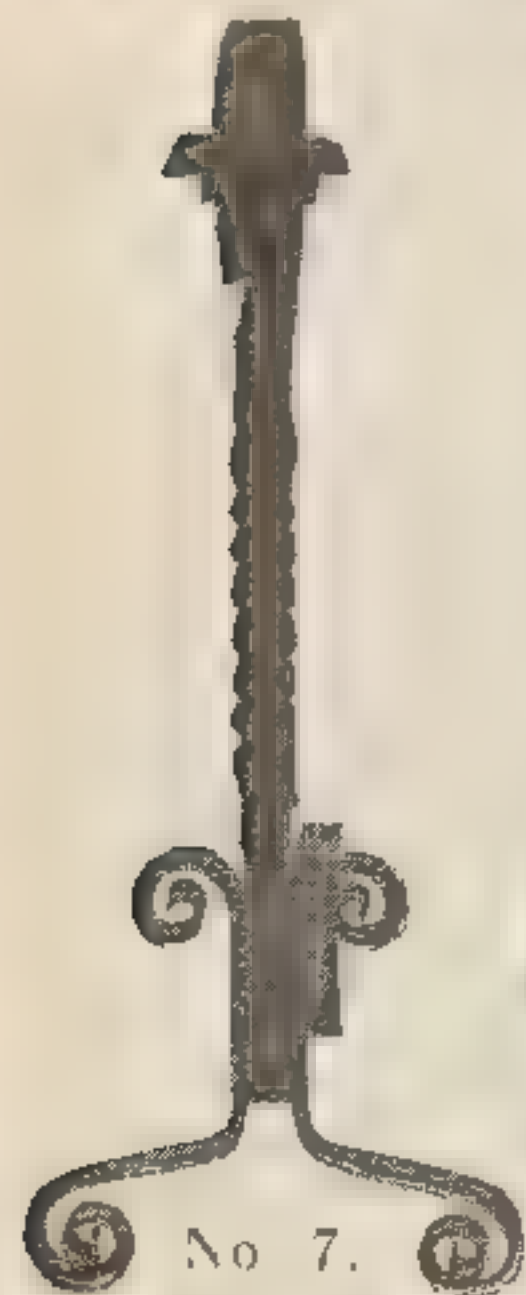


No. 5.



No. 6.

CAST-IRON FIRE DOGS.



No. 7.



No. 8.



No. 9.



No. 10.



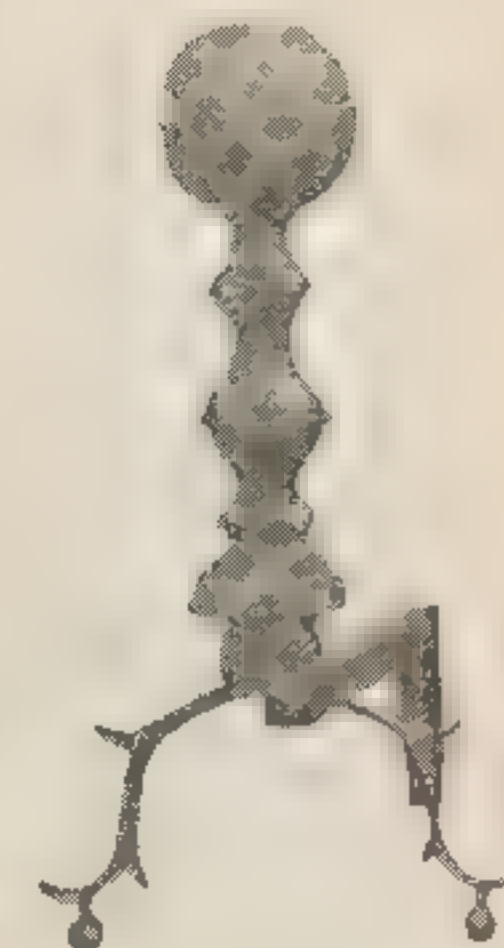
No. 11.



No. 12.



No. 13.



No. 14.

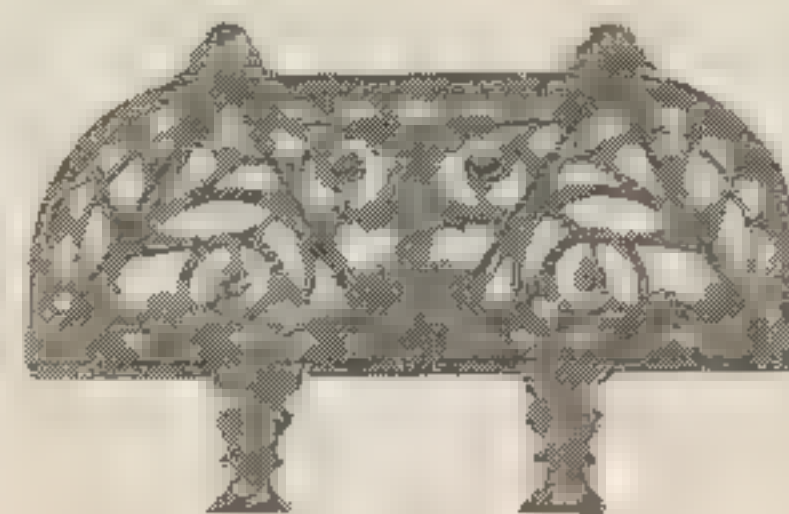
BRASS FIRE DOGS.



No. 1.



No. 2.

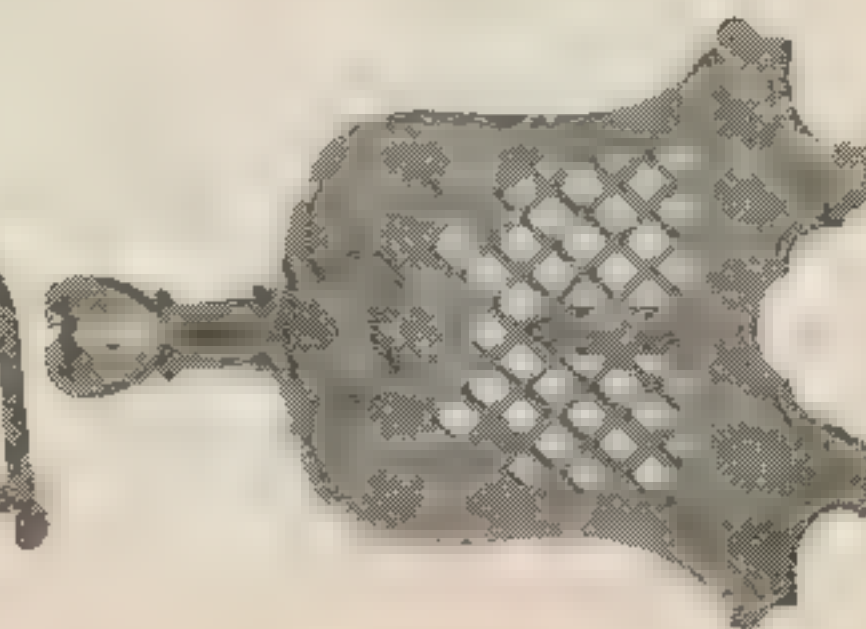


No. 3.

CAST-IRON TRIVETS.



No. 4.

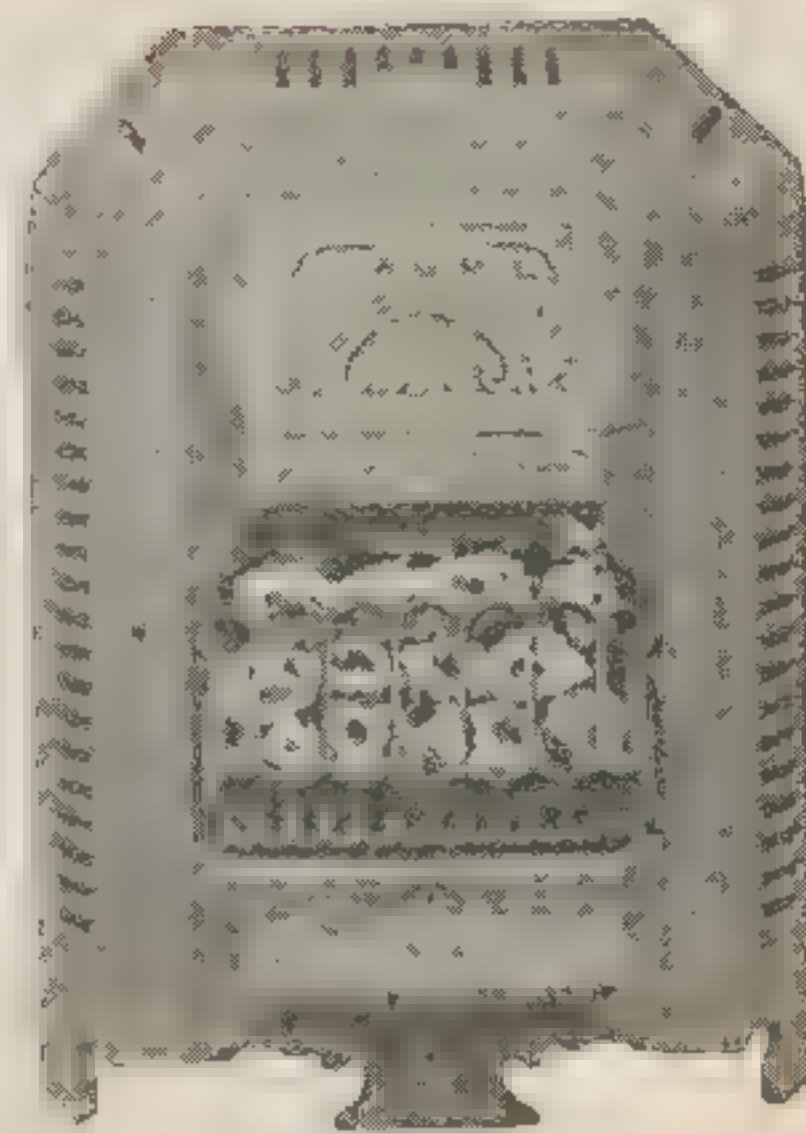


No. 5.

Gas Heating Stoves.



No. 1.



No. 2.



No. 3.



No. 4.

Nos. 1, 2, 3, 4, and 5.
GAS HEATING STOVES, IN IRON ENAMEL, OR MAJOLICA ENAMEL.
Fitted with Gas Fire Burner and Asbestos Balls.



No. 5.



No. 6.



No. 7.

PORTABLE, GLAZED WARE GAS HEATING STOVES.

No. 6, Fitted with Patent Super-heated Gas Burners and Fireclay Deflectors.

Nos. 7 and 8, Fitted with "Patent Ball Fire" and "Non-lighting Back Burner."

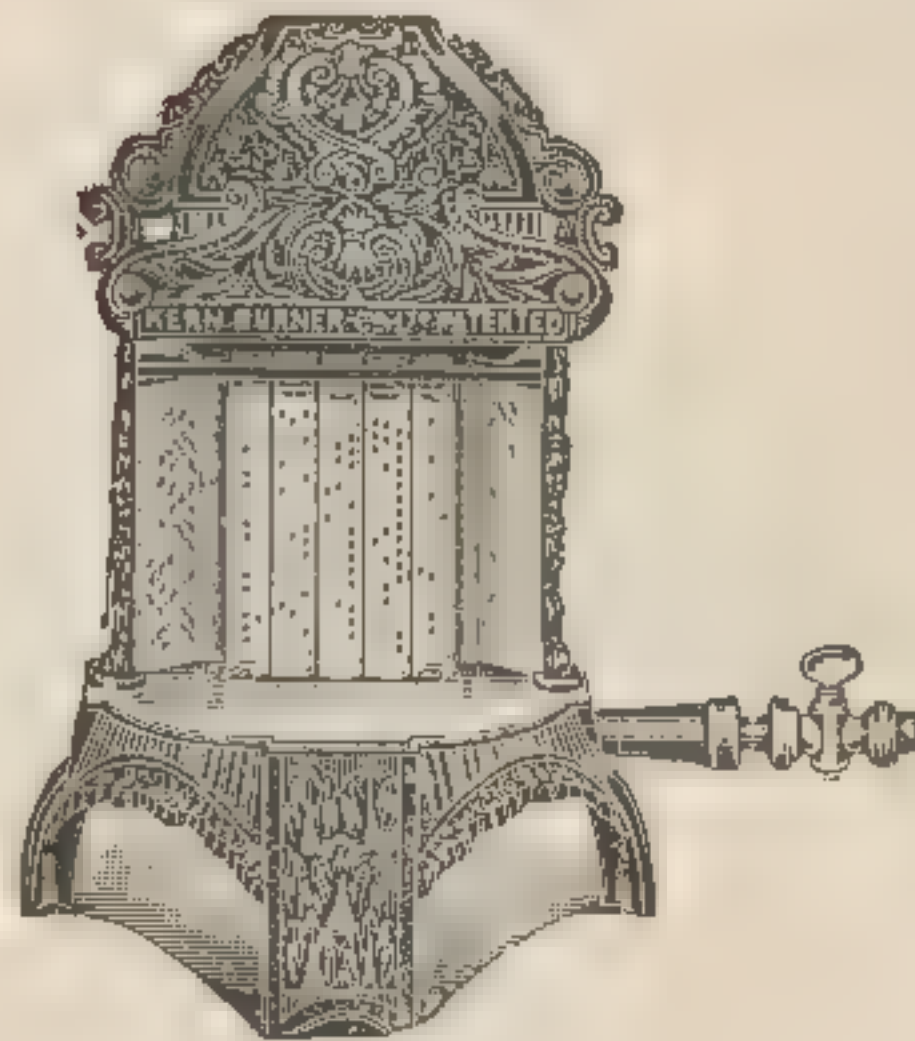


No. 8

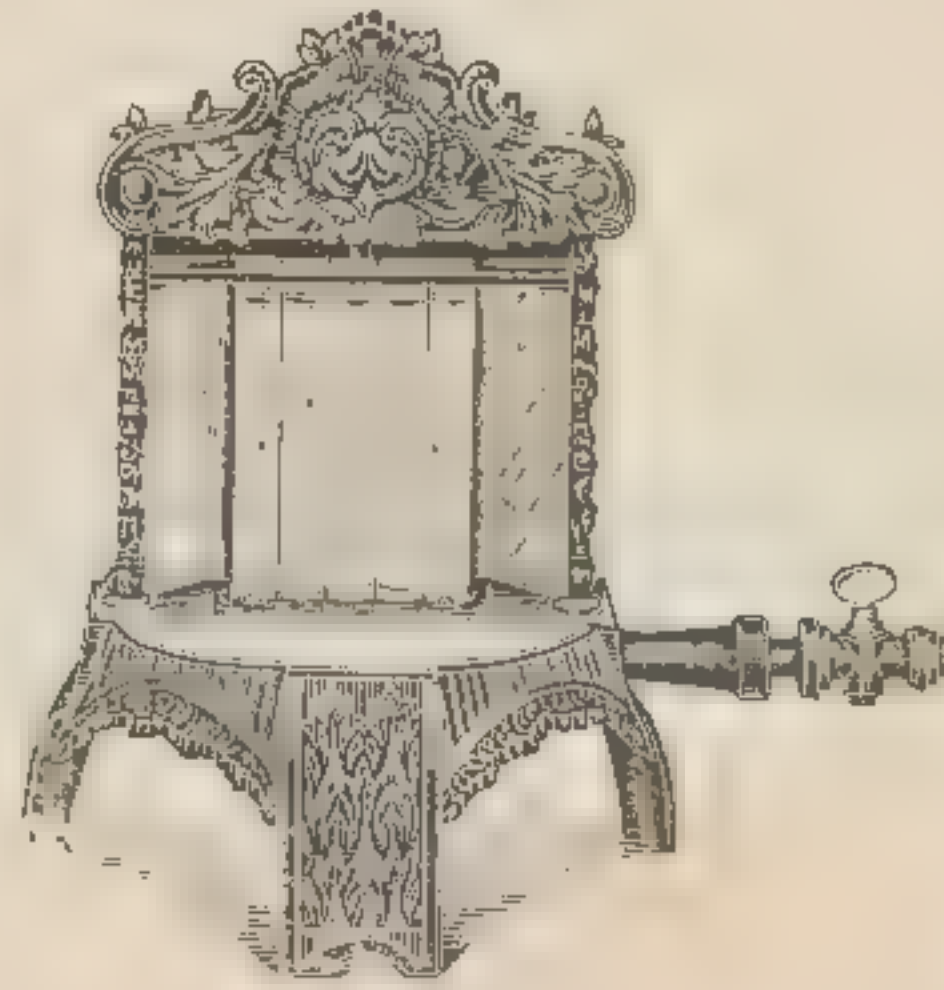
Gas Heating Stoves, Etc.



No. 9.



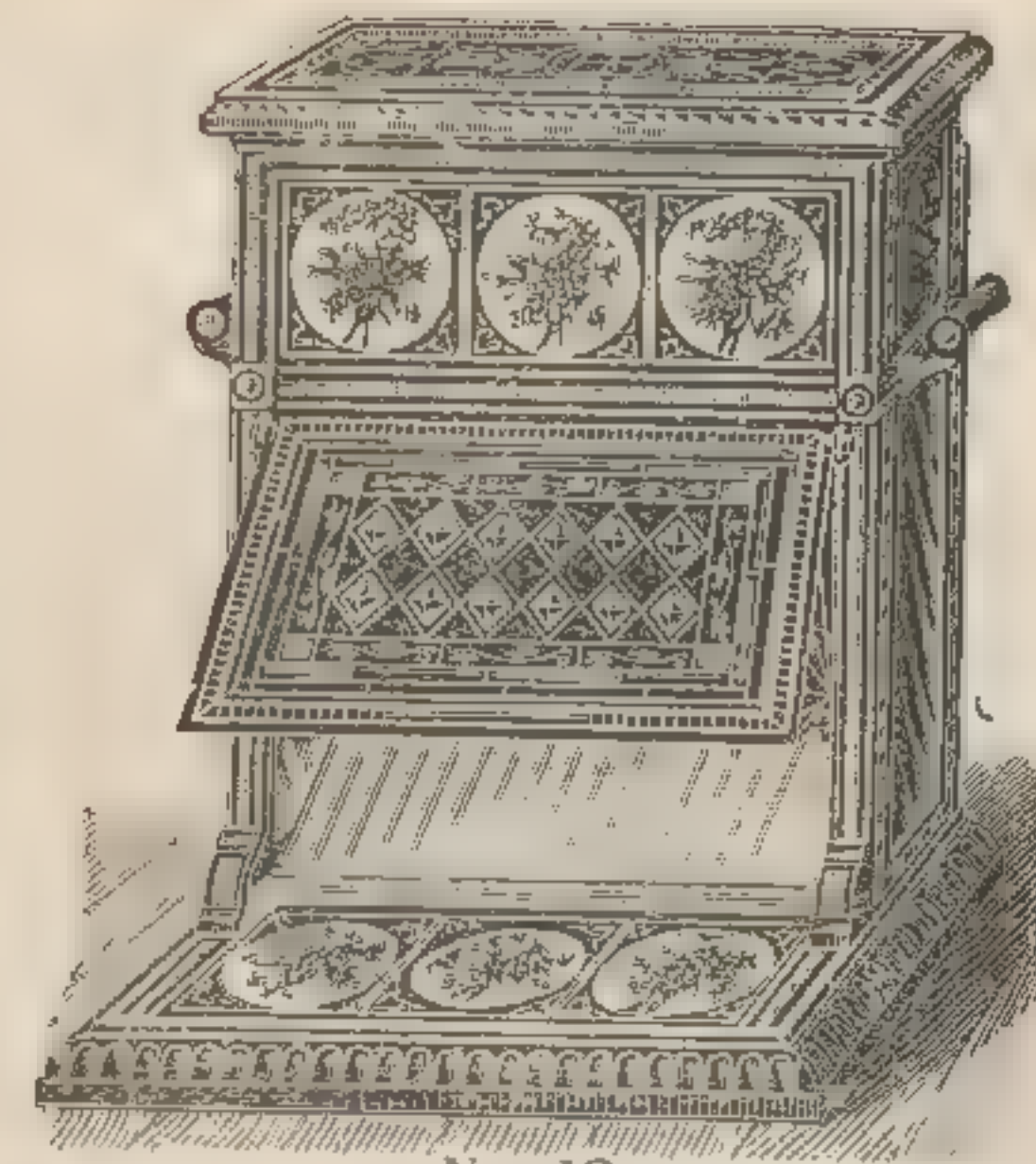
No. 10.



No. 11.

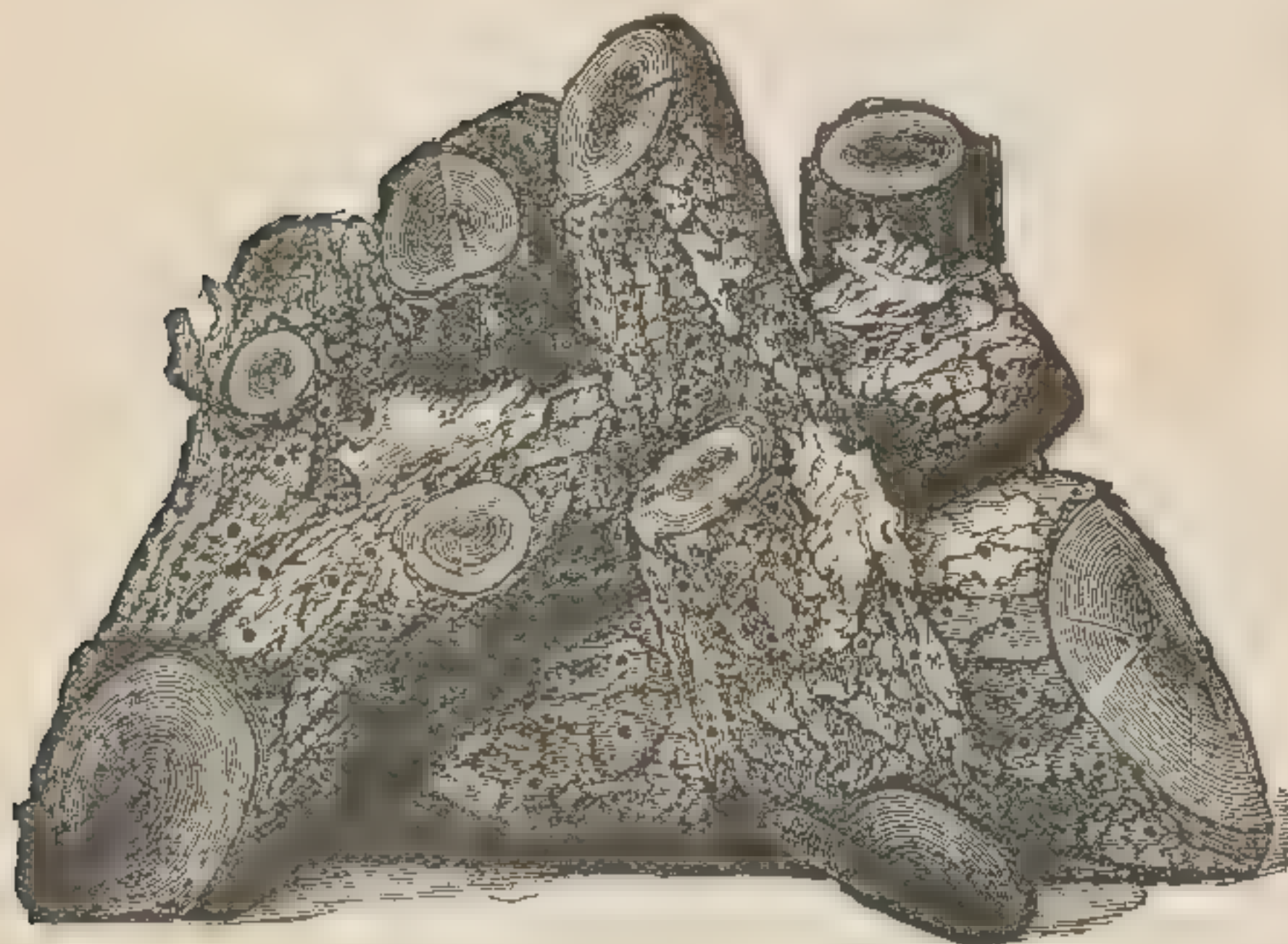
Nos 9, 10, and 11.

"KERN" PATENT GAS RADIATORS,
Fitted with Fireclay Tubes. Made in Various Ceramic Enamels or Art Black



No. 12.

ORNAMENTAL GAS HEATING STOVE,
Fitted with Asbestos Fibre-covered Fireclay
Deflectors.

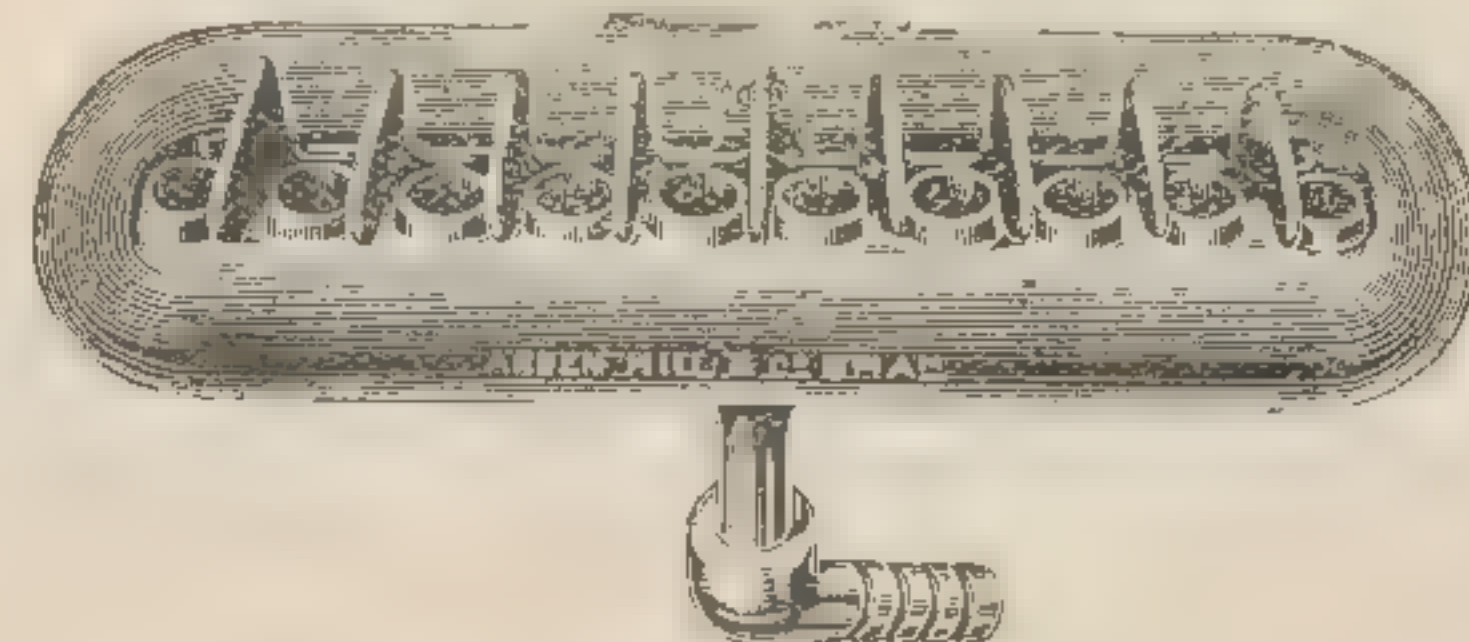


COUNCIL BRAND GAS LOG FIRE.
12, 14, 16 inch.

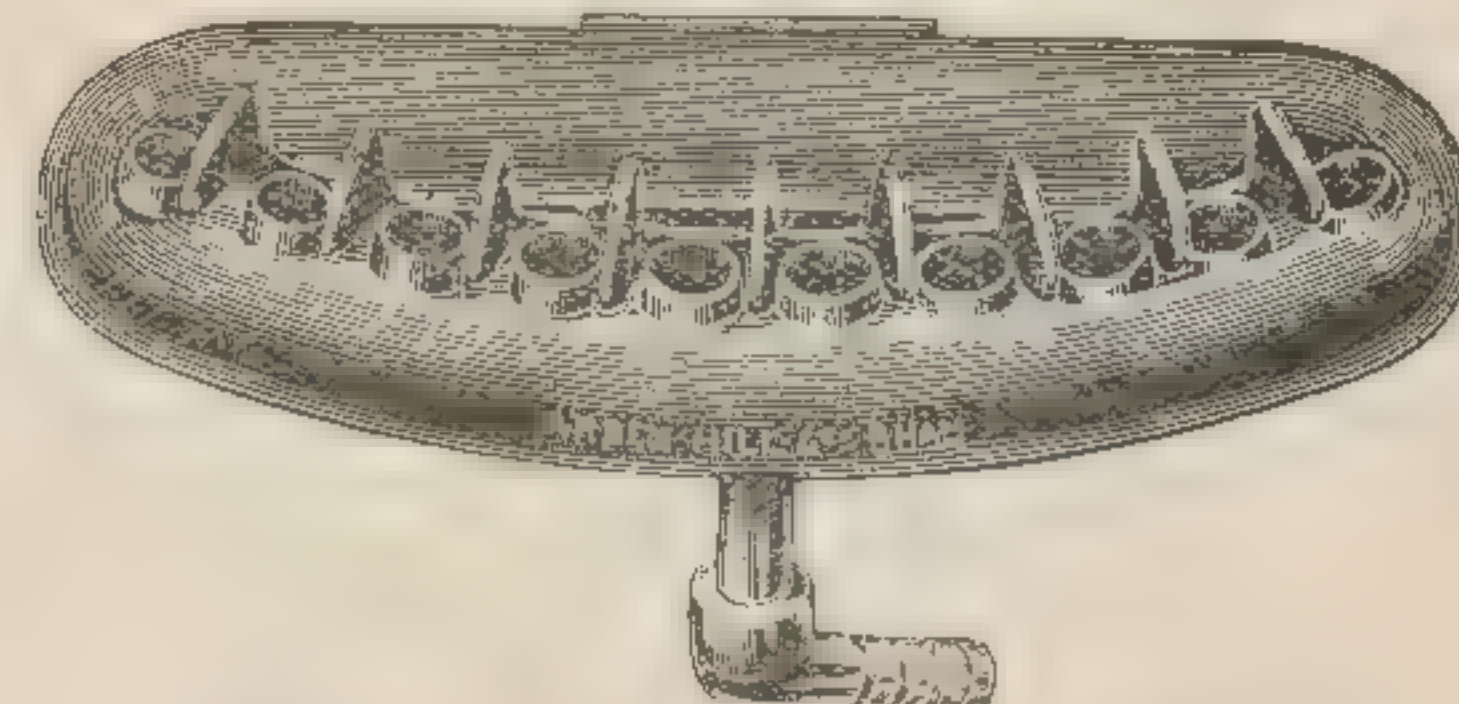
3-STICK GAS LOG FIRE.
12, 14, 16, 18 inch.



Section showing
Asbestos Gas Fire
Complete, fixed in
an ordinary Regis-
tered Grate.



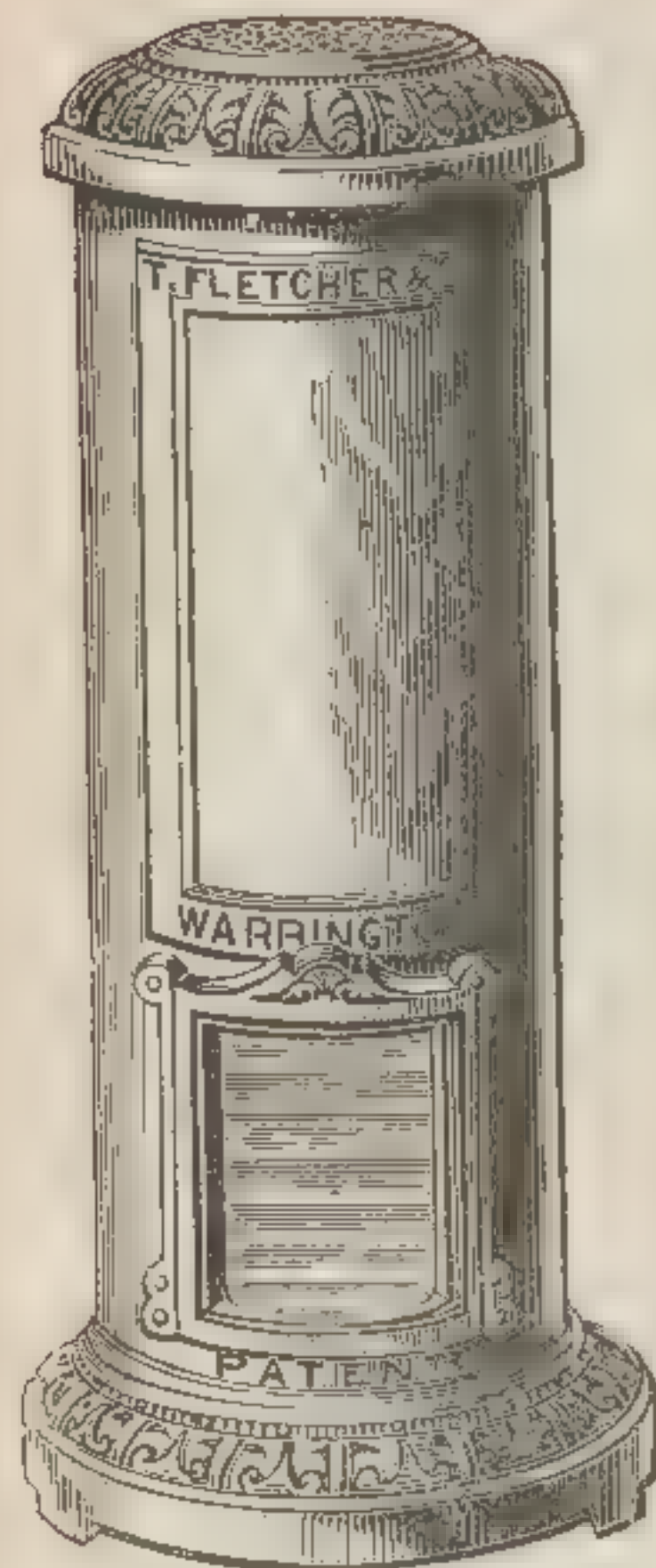
STRAIGHT GAS BURNER FOR ASBESTOS FIRES
8, 10, 12, 14, 16 inch.



CIRCULAR GAS BURNER FOR ASBESTOS FIRES,
8, 10, 12, 14, 16 inch.

ALSO. CIRCULAR GAS LOGS FOR ORDINARY GRATES.

Gas Rings, Etc.



GAS HEATING STOVE.

Patent Non Condensing Syphon Stoves,

Fitted with flat flame illuminating burners and copper reflector, without flue.

Sizes.

21 in. high x 10 in. diam.

26 in. high x 18 in. wide,

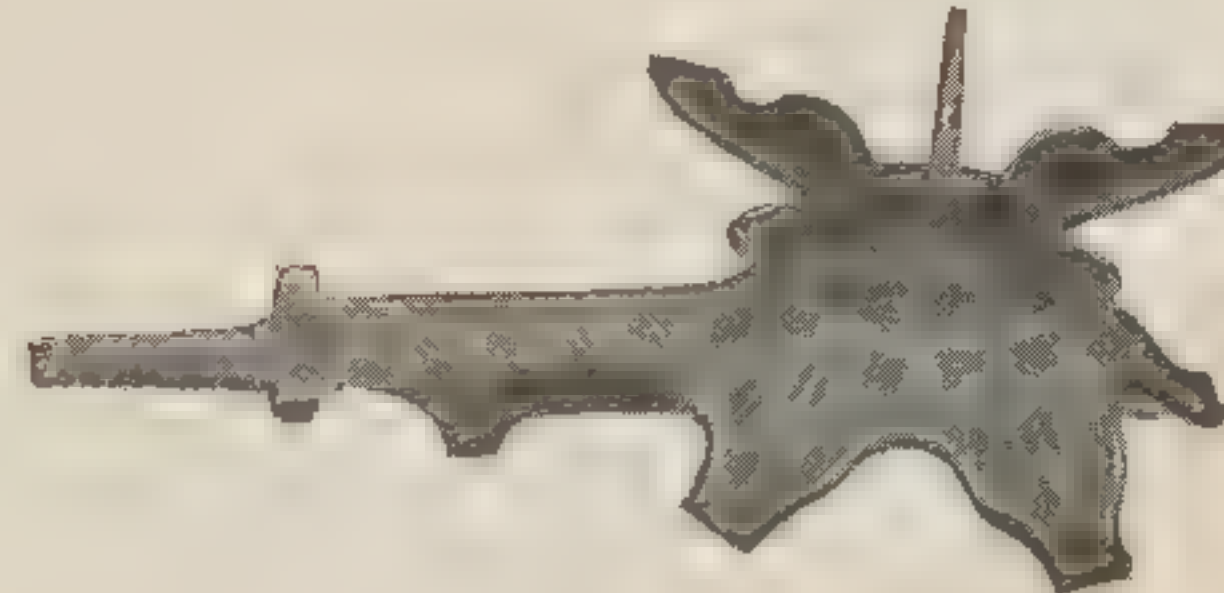
and 10 in. back to front.

28 in. high x 13 in. diam.

Very Suitable Stoves for Offices, etc.



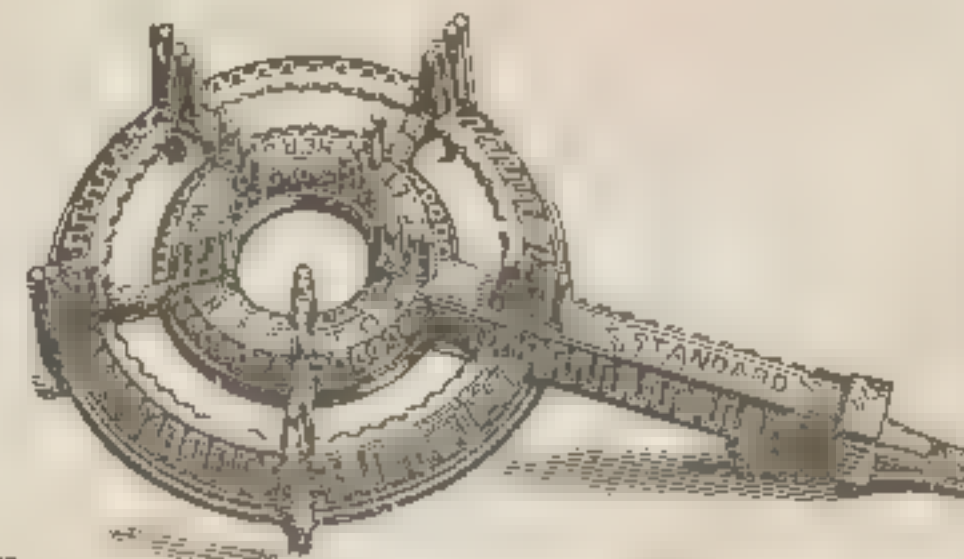
No. 1—4½, 5½, 6½ in.



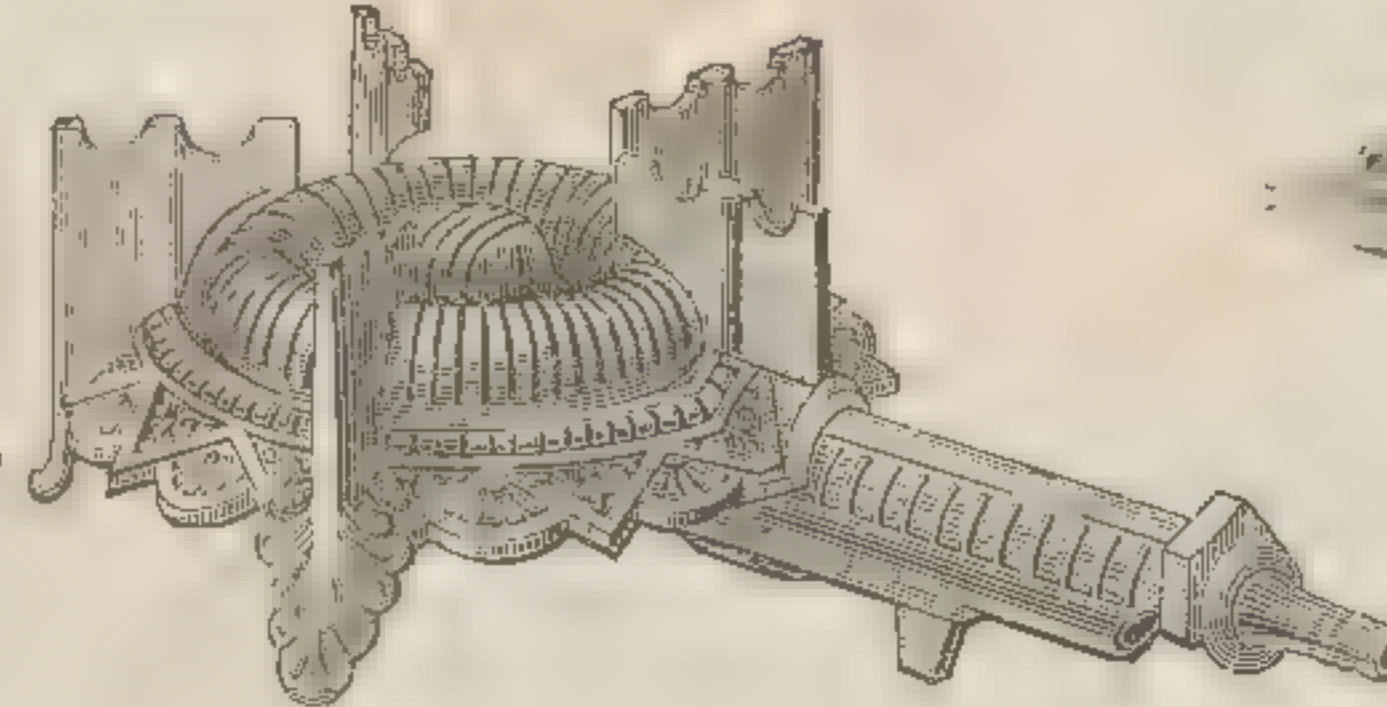
No. 2—5½ in. diam.



No. 3. 4½, 5½, and 6 in. diam.



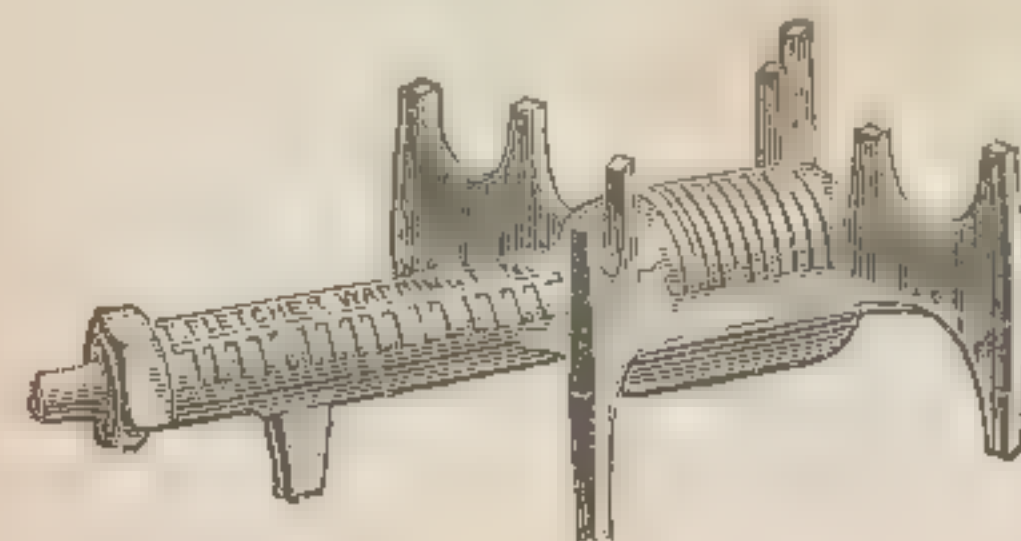
No. 4.
5½, 6½, and 8½ in. diam.



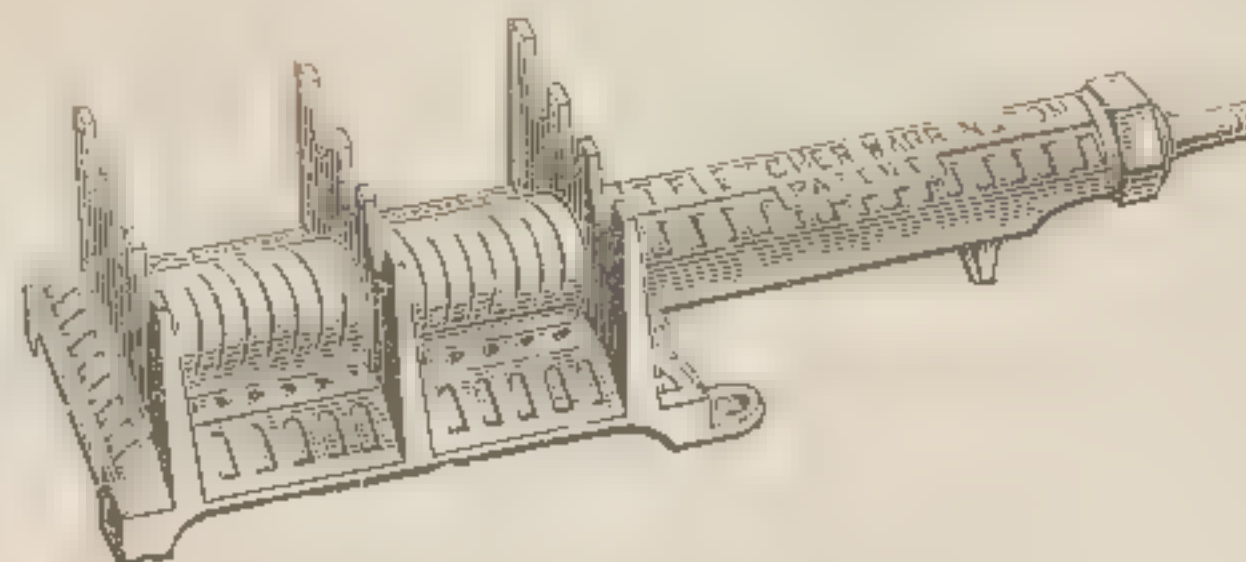
No. 5.
6½ and 8 in. diameter.



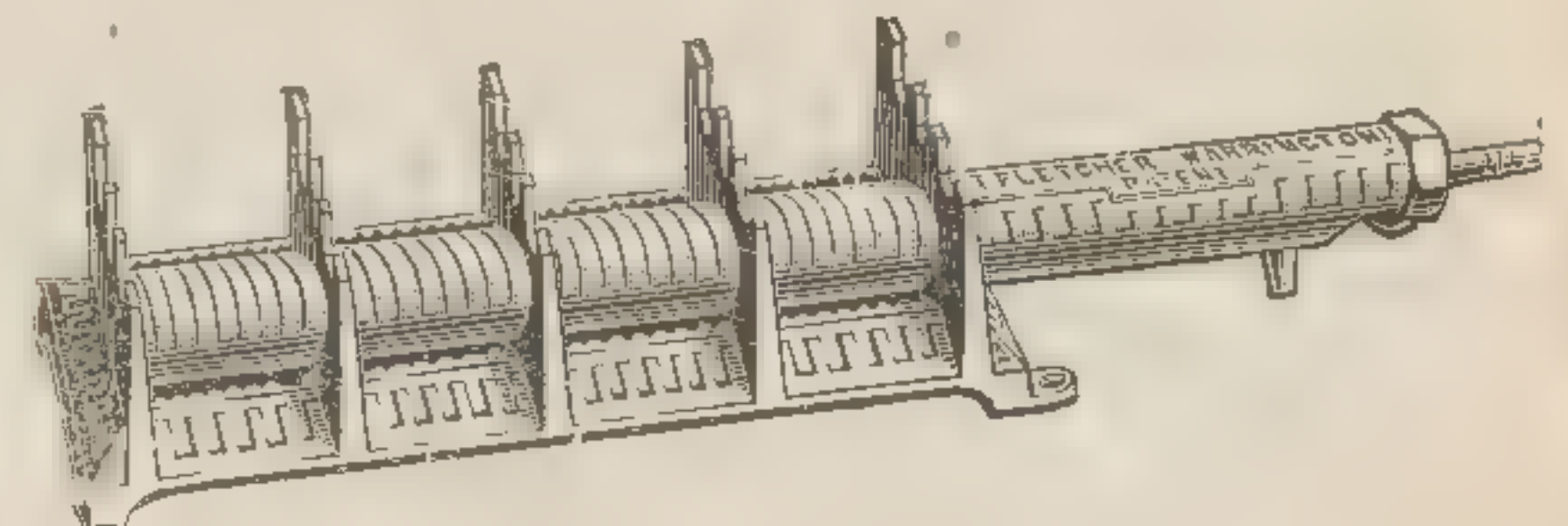
No 7.
SPECIAL HIGH POWER BURNERS.
2½, 4, 6, and 8 in. across gauze.



No. 6—7 in. across.



LAUNDRY IRON HEATING STOVE.
No. 8—12 in. long overall.



No. 9.
TAILORS' IRON STOVE.
Total length, 16½ in. A more powerful burner than No. 8.

Gas Hot Plates and Grillers.

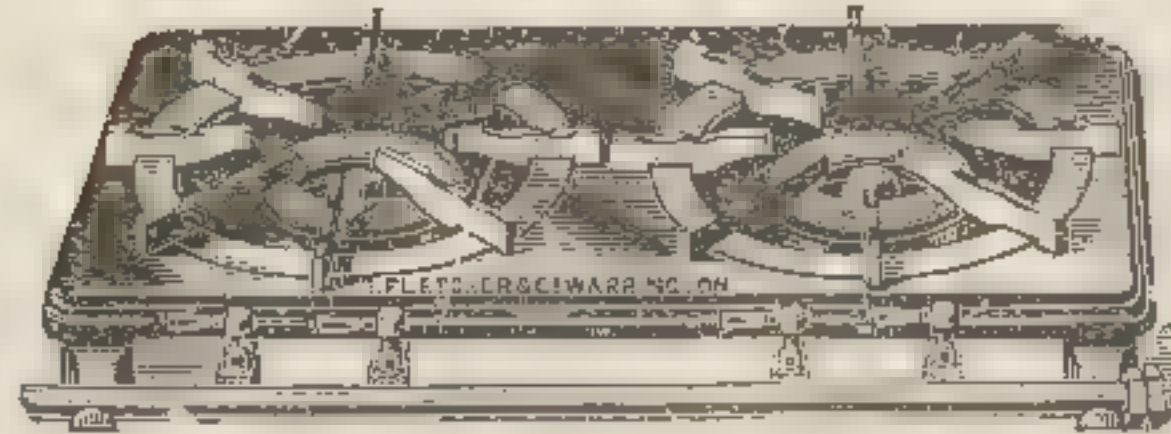


No. 1.

GAS HOT PLATE AND GRILL.

Fitted with one reversible grill burner, and 2 boiling burners, with separate tap to each.

Size, 22 in. wide x 7½ in. high x 4½ in. back to front.



No. 2.

2-BURNER HOT PLATE.

14½ in. long x 10½ in. wide.

3-BURNER HOT PLATE.

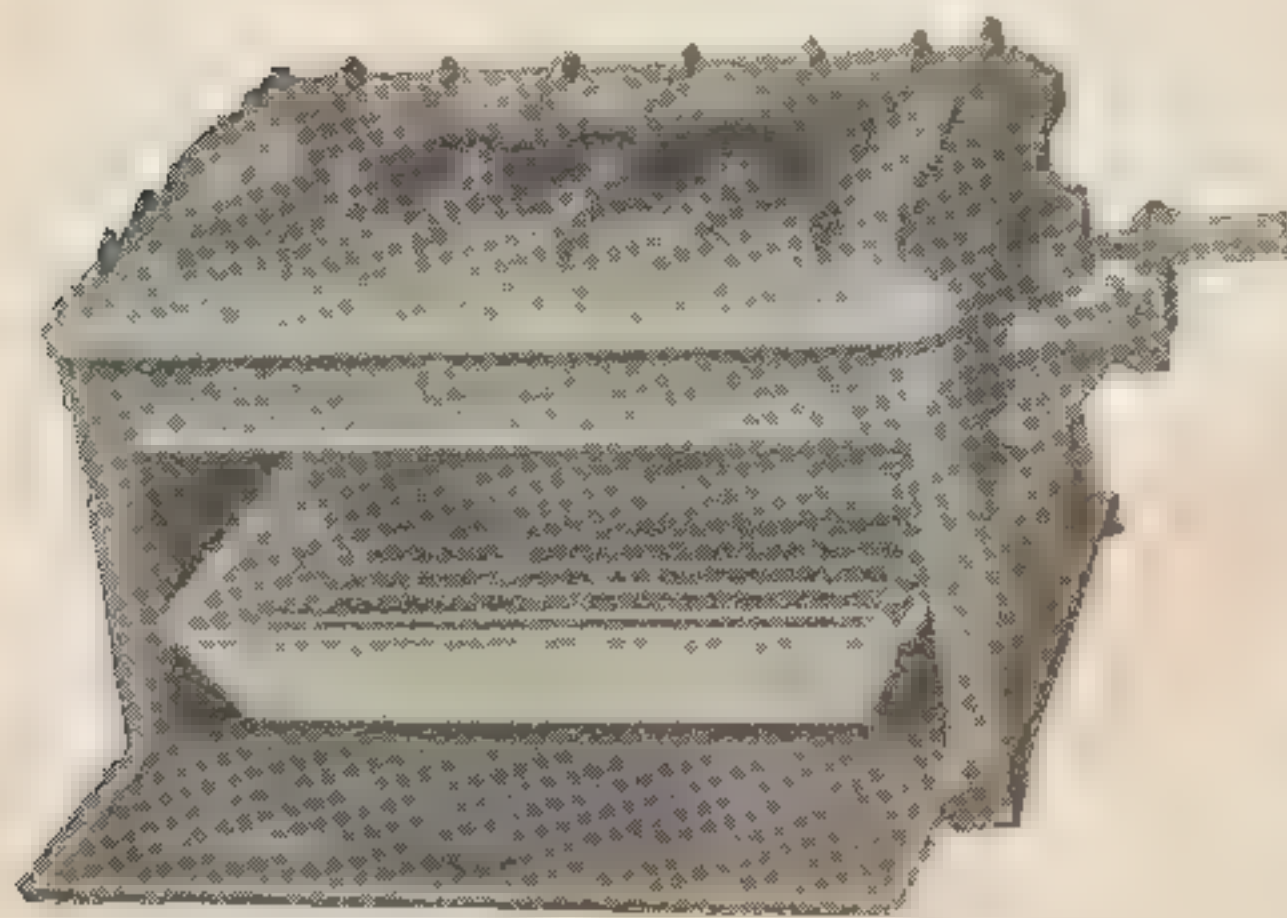
27 in. long x 11½ in. wide.
Separate Tap to each Burner.



No. 3.

PATENT TWIN BURNER.

Will boil either one or two pans, without waste of gas.



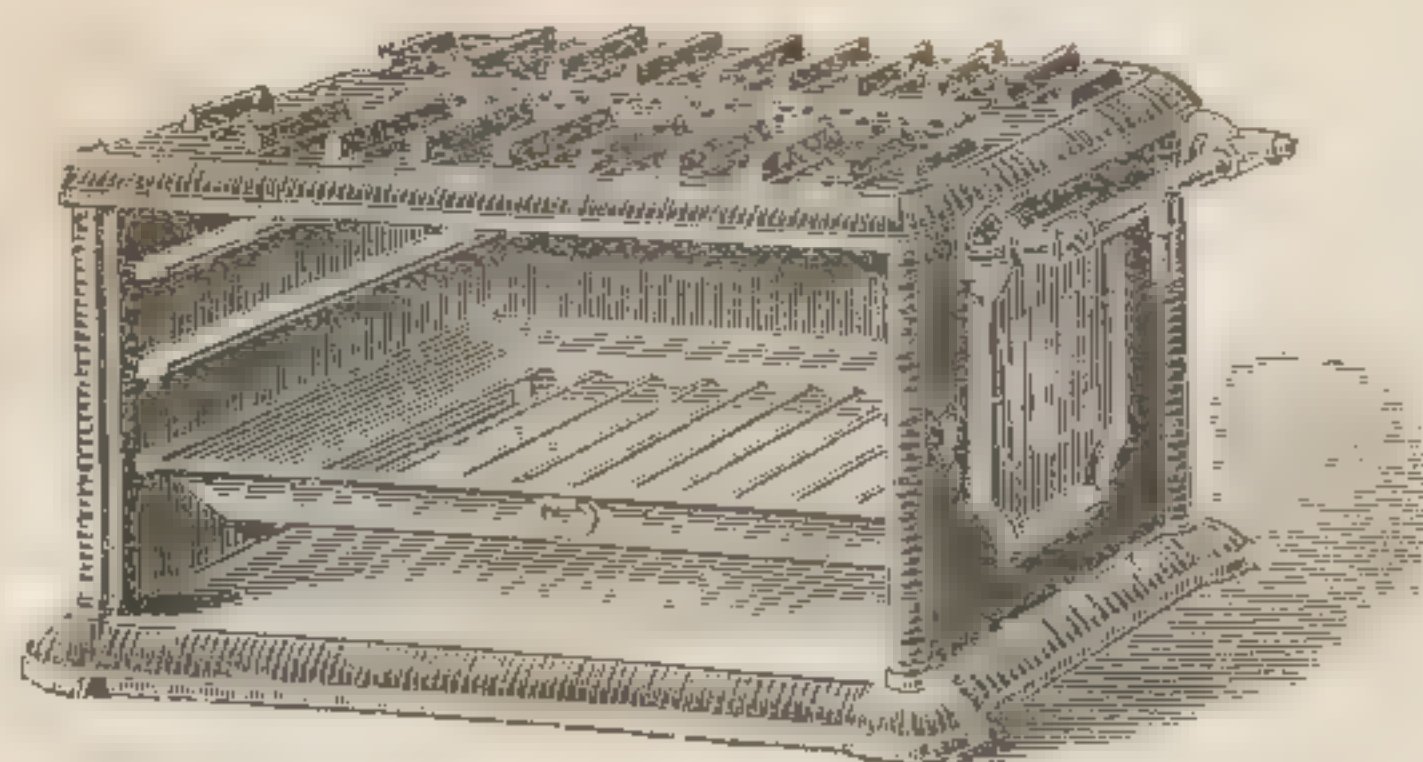
No. 1.

GAS GRILLER,

Size: 14 inches wide.

9 „ deep.

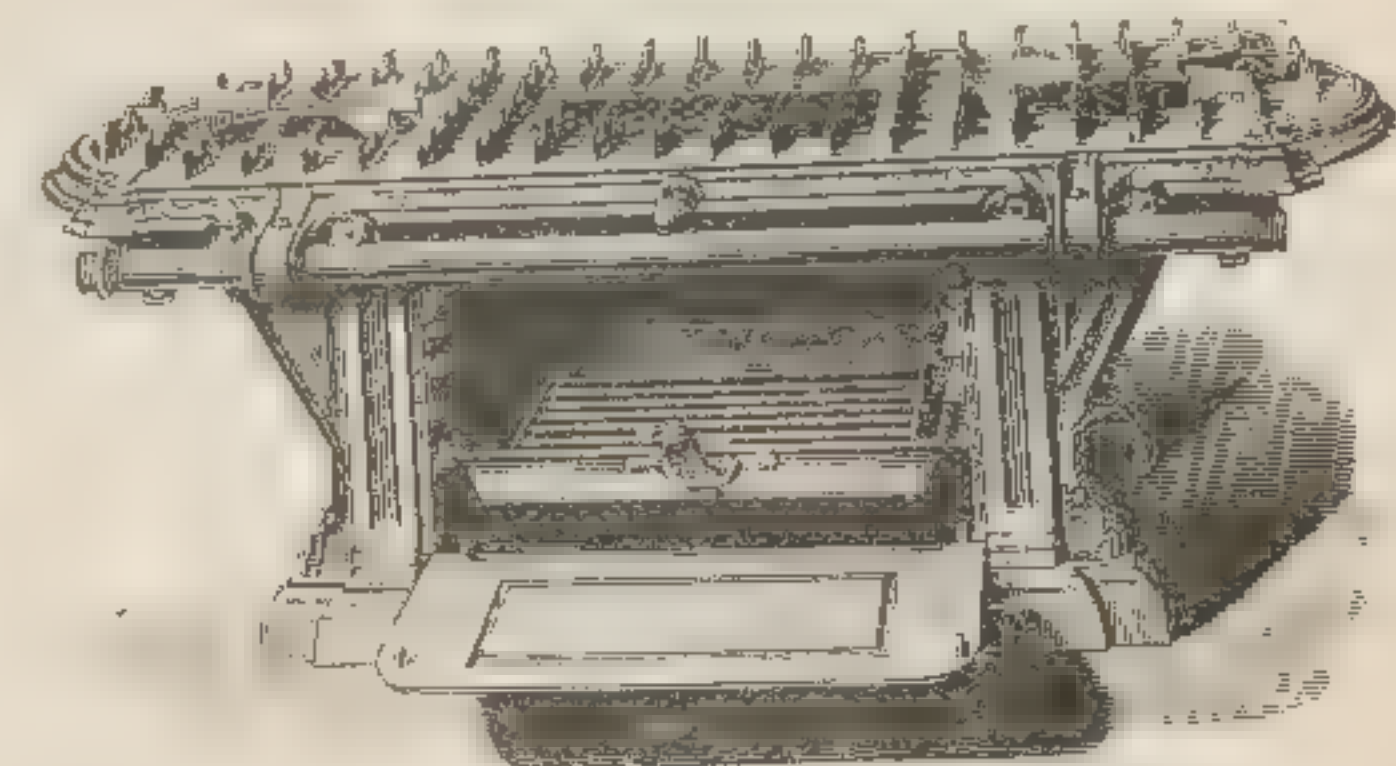
7 „ high.



No. 2.

GAS GRILLER, WITHOUT DOOR.

	Width.	Depth.	Height.
	in.	in.	in.
1st size	12	9	7
2nd „	12	9½	7
3rd „	12	12	9
4th „	14	11	7



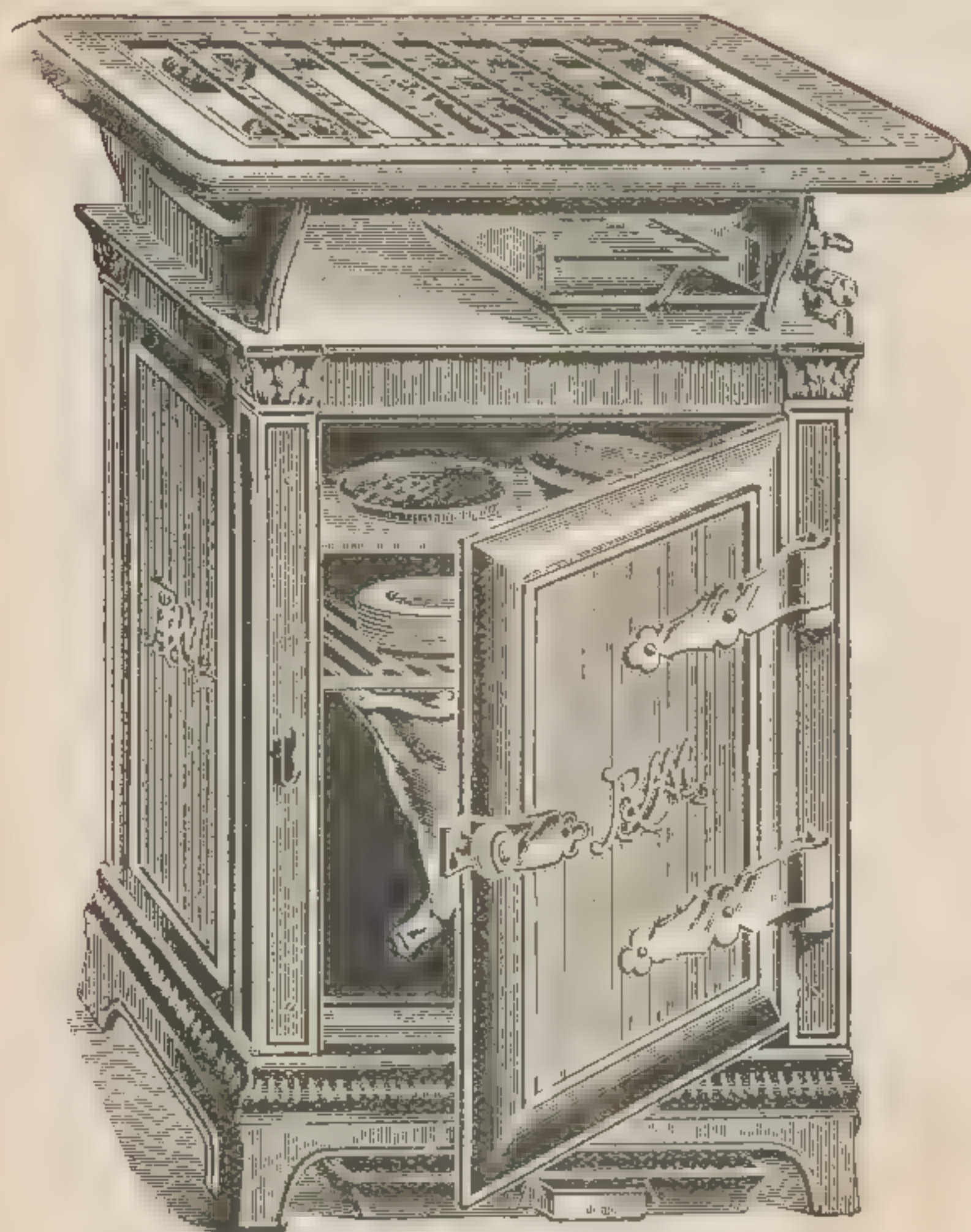
No. 3.

GAS GRILLER, WITH DROP DOOR.

With extended Hot Plate, and boiling ring at each end, and separate gas tap to each jet.

Size: 29½ in. wide x 13 in. deep x 10½ in. high.

Oven: 1 in. wide x 11 in. deep x 7 in. high.



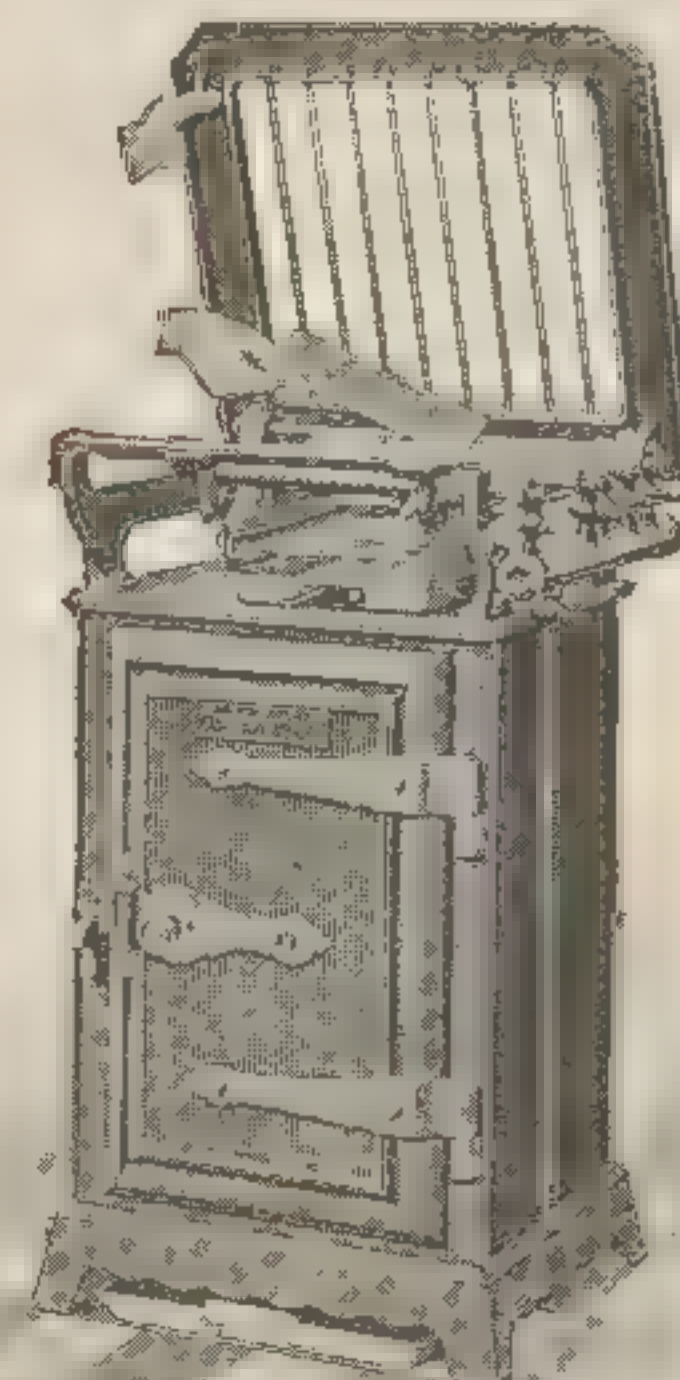
MAIN GAS STOVE.

OUTSIDE SIZES.

No. 53-14½ in. x 11 in. deep x 19 in. high, fitted with combined grill and boiling burner.

Hot Plate.		Inside Sizes of Oven.			Height	Burners	
No.	Wide	Deep	Wide	Deep	High	Overall.	1 Grill & 1 Boiling Burner
55	16	12½	12	10	16	21 inches	1
52	17	16½	13	12	22½	28½	2
1212	20	17	12	12	23	29½	3
1214	22	17	14	12	23	31	3
2	20½	18½	13	12	24½	33	3
3	23½	19	14½	12½	25½	35½	4
4	24	20½	15½	13½	27	36½	5

Gas Stoves.



WRIGHT'S "EUREKA" GAS STOVE.



TINMAN'S GAS STOVE.

Specially designed for workshops where coke stoves cannot be used. Will heat rapidly one or two copper bits. Top can also be used for boiling purposes.

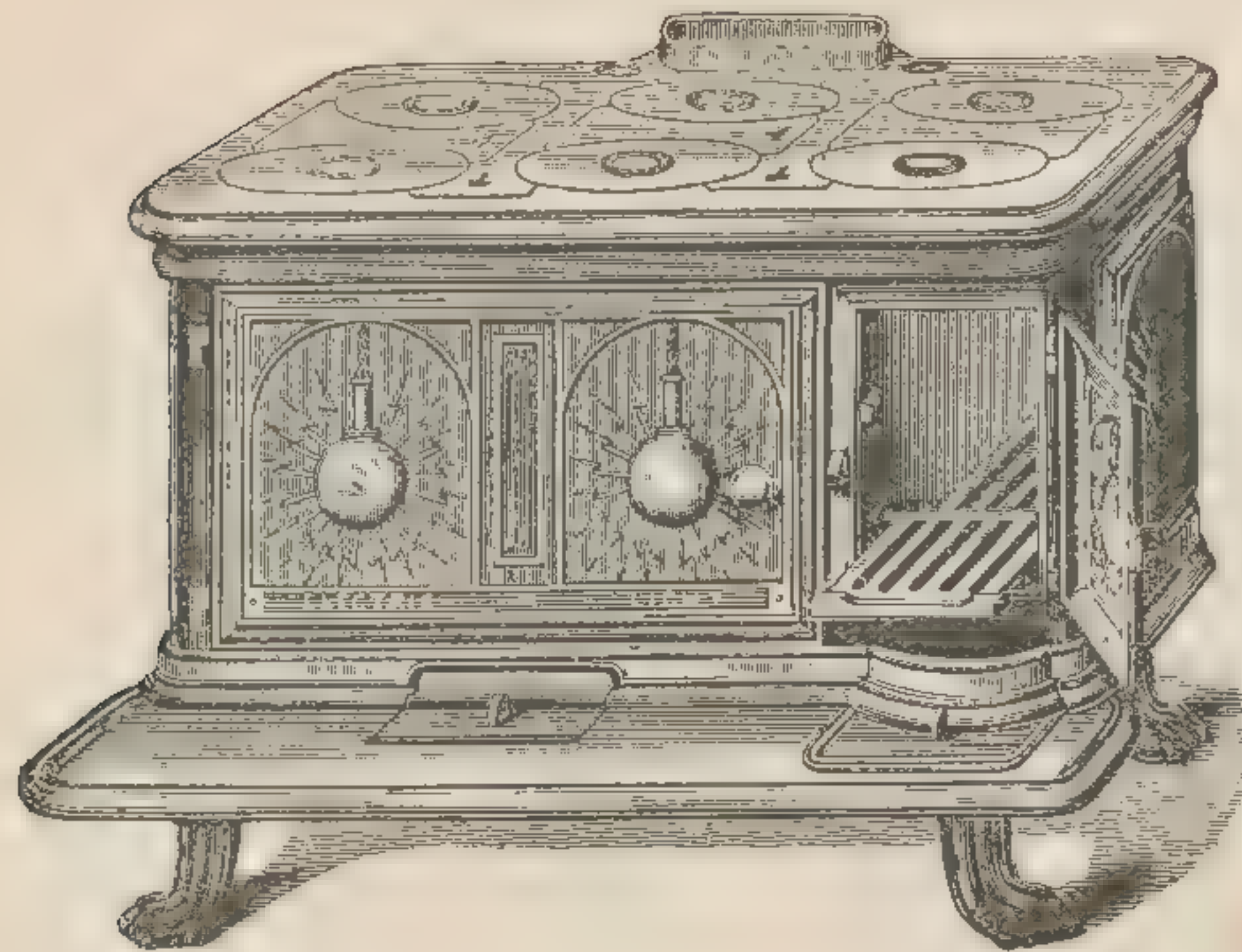


LAUNDRY IRON HEATER.

A first-class ironing stove, heating three laundry irons on the sides, and one polishing iron on the top. Complete with gas ring and base.

Hot Plate.		Inside Sizes of Oven.			Height.	Burners.	
No.	Wide	Deep	Wide	Deep	High	Overall.	1 Boiling & 1 Patent Griller.
550B	15½	15	11	11	22	28 inches.	4 Burners
556E	21	19	16	12½	25	31	3
405	20	16½	12½	11½	25½	34	4
407	21	20	14½	13½	27	36	4
568E	27	20	15	14	30	36	5
605	23	18½	12½	11½	25½	34	5
607	27	20	14½	13½	27½	36½	5
410	24	21½	15½	14½	28½	37	6
610	29	22	15½	14½	28½	37	6
415	25	23½	17½	15½	28½	38	6
615	31	23½	17½	15½	28½	38	6
420	27	25	19½	16½	28½	38	6

Cooking Stoves.



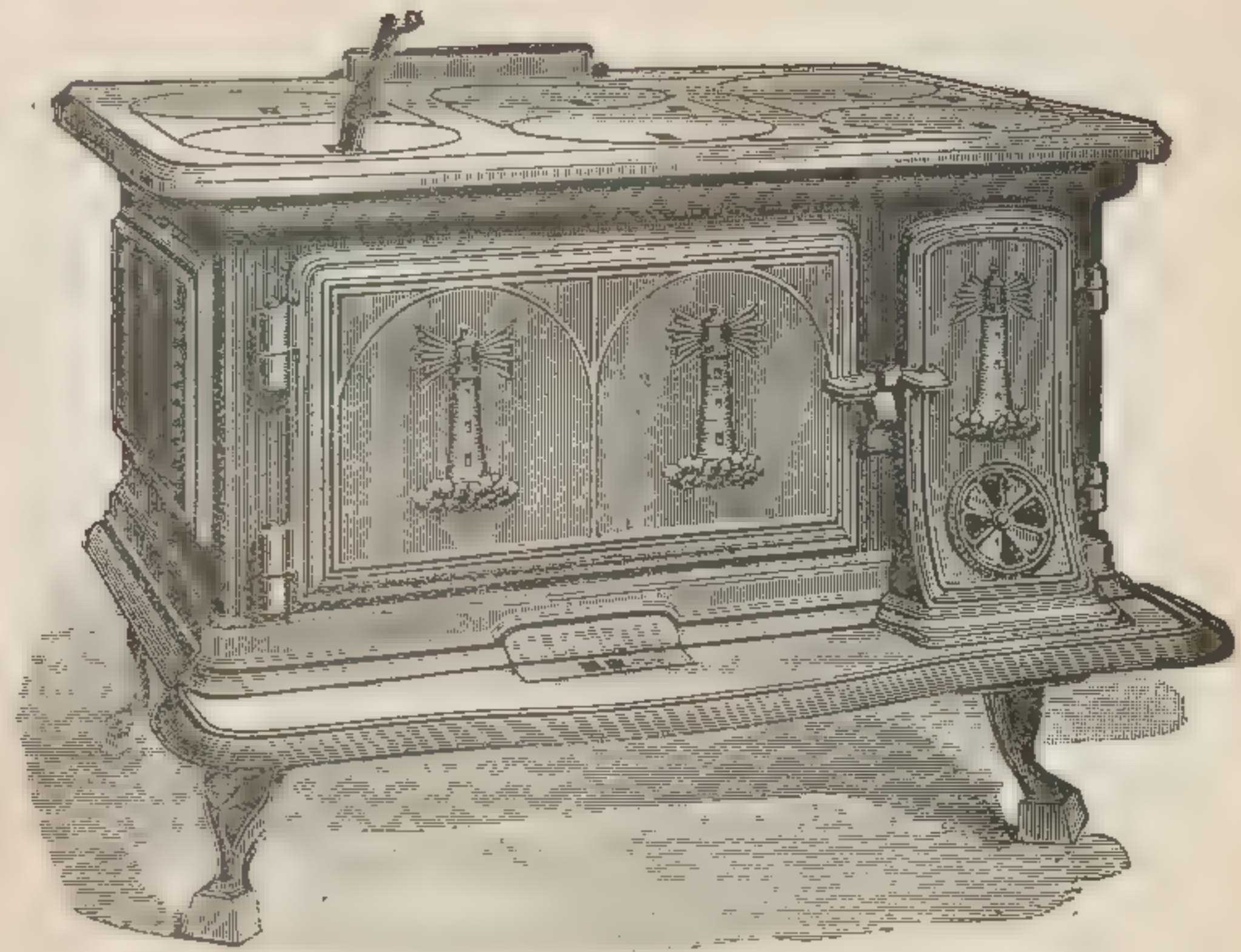
The "Electric Light" Range.

Specially constructed for Colonial requirements, having

DEEP FIRE BOX AND FALL-DOWN FRONT GRATE FOR BURNING WOOD;

oven large and well ventilated, and Range generally strong and well fitted.

Nos.	7	8	9
Hot-plates—Width	28	31	34 ins.
Height	23	24	25 "
Depth	21	24	26 "
Ovens—Width	14½	17	18 "
Height	8½	9½	10½ "
Depth	15	17½	18½ "
Fires—Width	5	5½	6 "
	Cwt. q. lb.	Cwt. q. lb.	Cwt. q. lb.
Weight	2 1 4	2 3 9	3 1 0



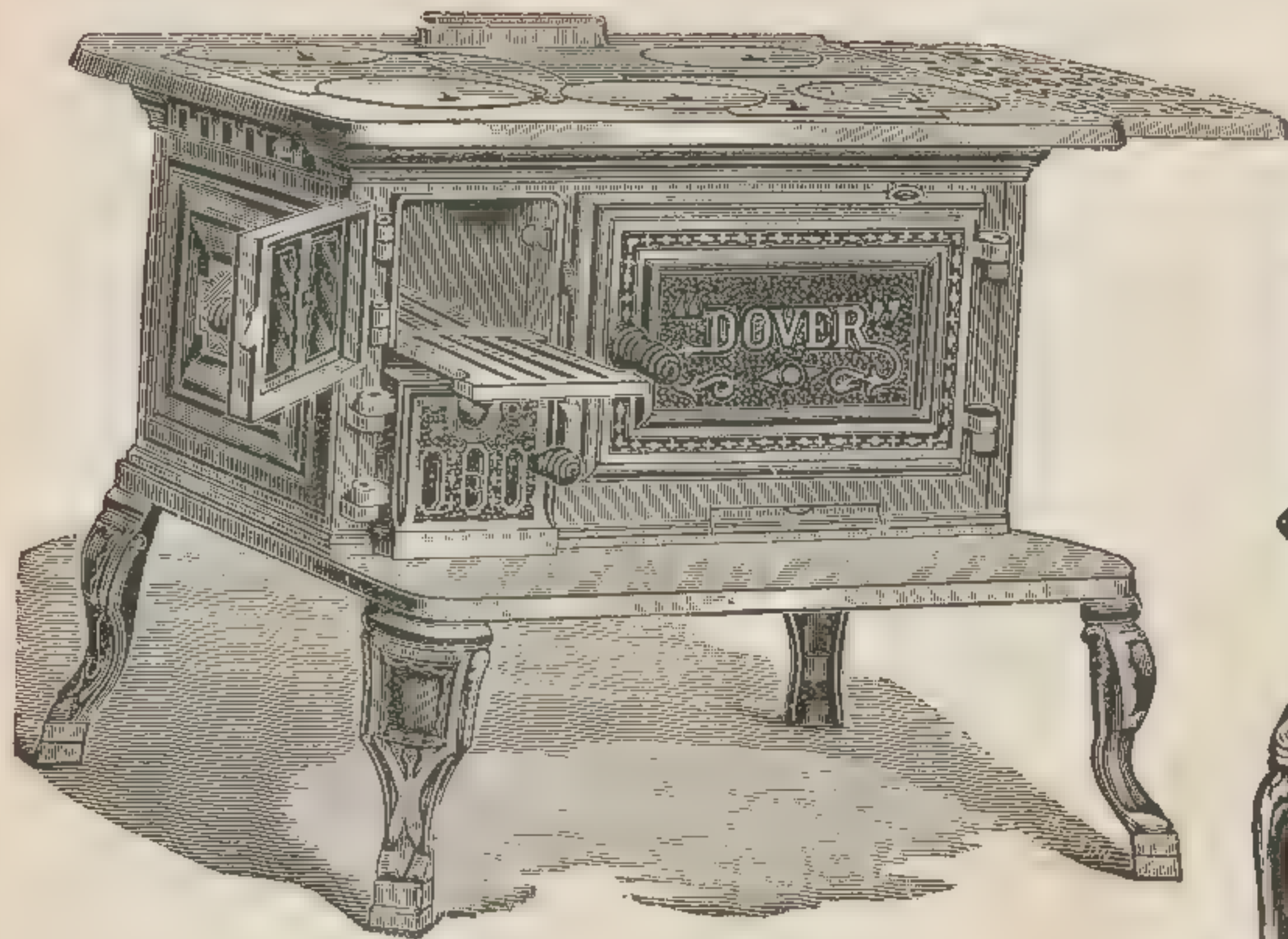
"Beaconlight."

Extended Fire Chamber, Iron Linings, &c., Specially for Wood.

STOVE.	...	Wide.	High.	Back to Front.
No. 7 —	"	29 x	23	27 inches
No. 8 —	"	32 x	24	30 "
No. 9 —	"	37 x	25	35 "

OVEN.	Wide.	High.	Deep.	Weights.
				Cwt. qrs. lbs.
...	15 x	8½	15 inch.	2 1 19
"	18 x	9½	18 "	2 3 20
"	19½ x	11½	19 "	3 2 6

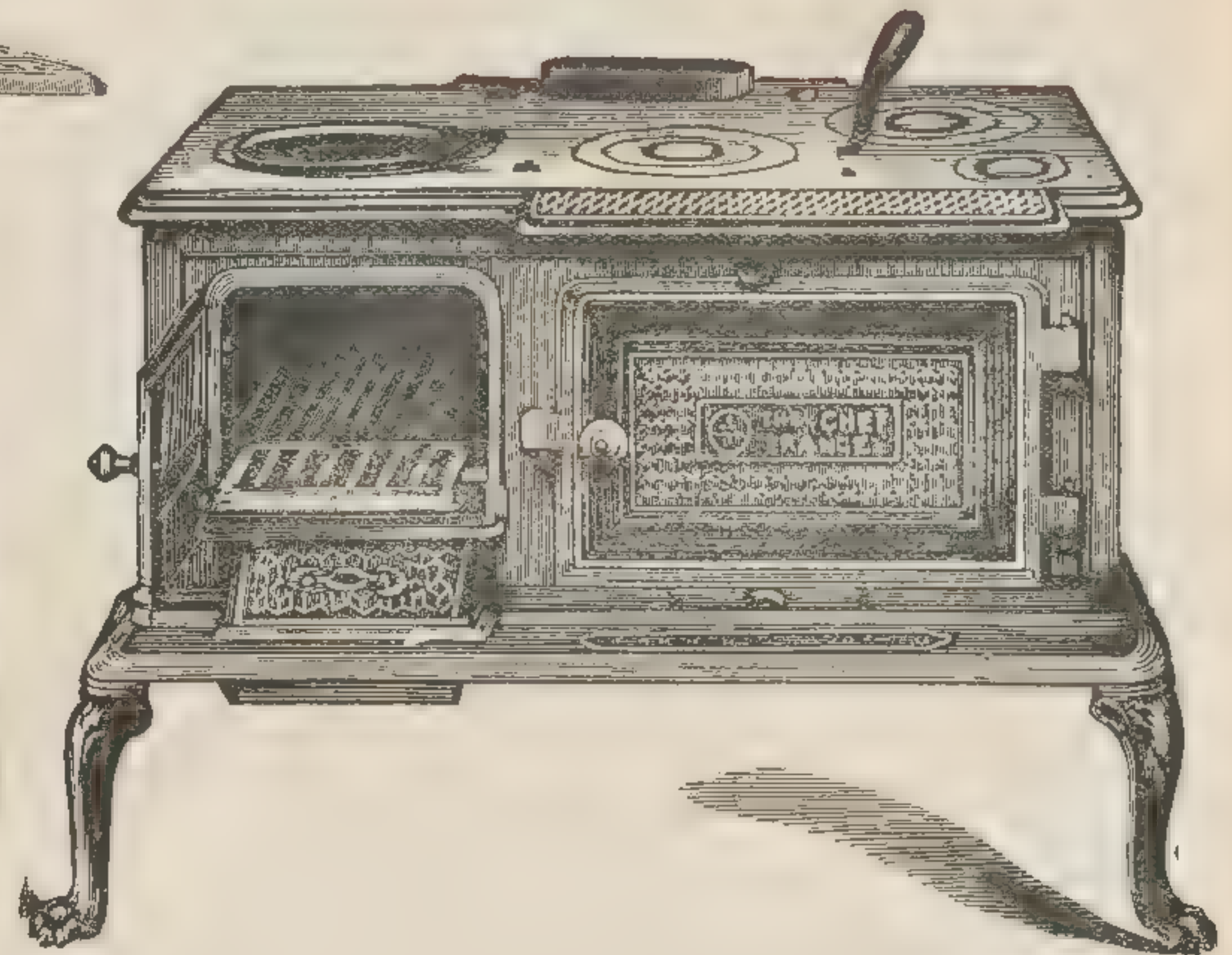
Stoves—Continued.



The "Carron Dover" Range.

This is a very handsome Range, and largely sold throughout the Colonies. Fires are made with extended fire-box, fall down front grate, and iron linings for burning wood, or where coal is used fire can be supplied with brick linings. The door is fitted with mica, and oven door is mounted with nickel-plated centre panel.

Nos.	6	7	8	
Size of Hot plate—Width	26	29	32	ins
Height	23	23½	24	"
Depth	17	19	21	"
Size of Oven—Width	12	14	16	"
Height	8	8½	9	"
Depth	12	14	16	"
Size of Fire	5½	5½	5½	"
Cwt. qrs. lbs. Cwts. qrs. lbs. Cwts. qrs. lbs.				
Weights: No. 6, 1 1 14 No. 7, 1 2 12 No 8, 1 3 20				



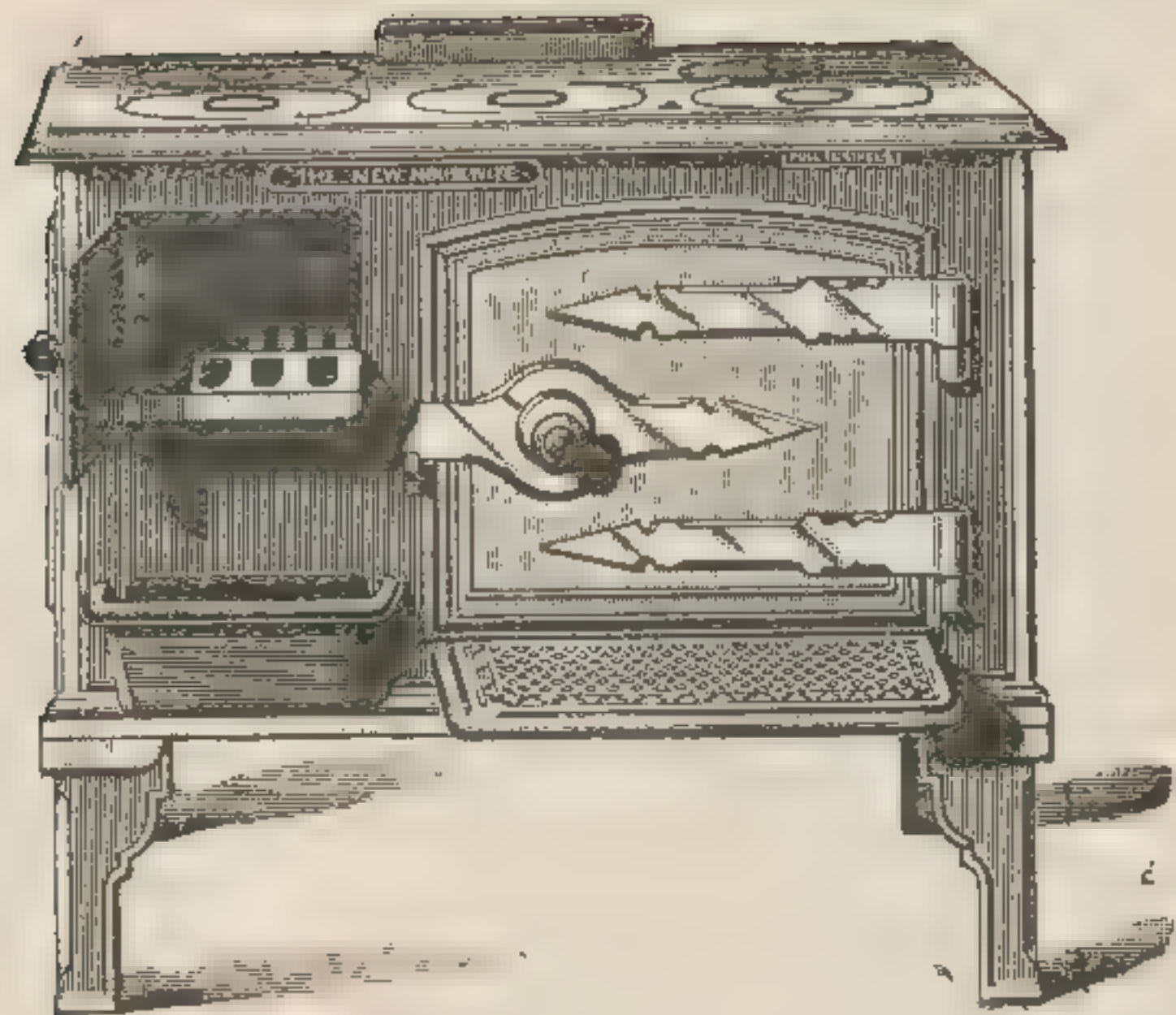
The "Chef" Range.

ITS MODEL IS PERFECTION.

The Specialities and Improvements in this Range, A TRIUMPH OF THE STOVEMAKING INDUSTRY, include a Fire-box for either Wood or Coal Fuel, Fall Down Front Bars, and a Direct Damper.

Nos.	Size of Hot Plate.	Height of Range.	OVEN.	Width of Fire.	Depth over all.	Weight.
26	28 x 16 in.	26 in.	12 x 12 x 14 in.	7 in.	19½ in.	Cwt. qrs. lbs.
27	30 x 16 "	26 "	14 x 12 x 14 "	7 "	19½ "	2 1 11
28	34 x 18 "	26 "	17½ x 12 x 16 "	8 "	21½ "	2 1 21
29	37 x 19½ "	27 "	17½ x 12 x 17½ "	9½ "	24½ "	2 3 18
						3 1 21

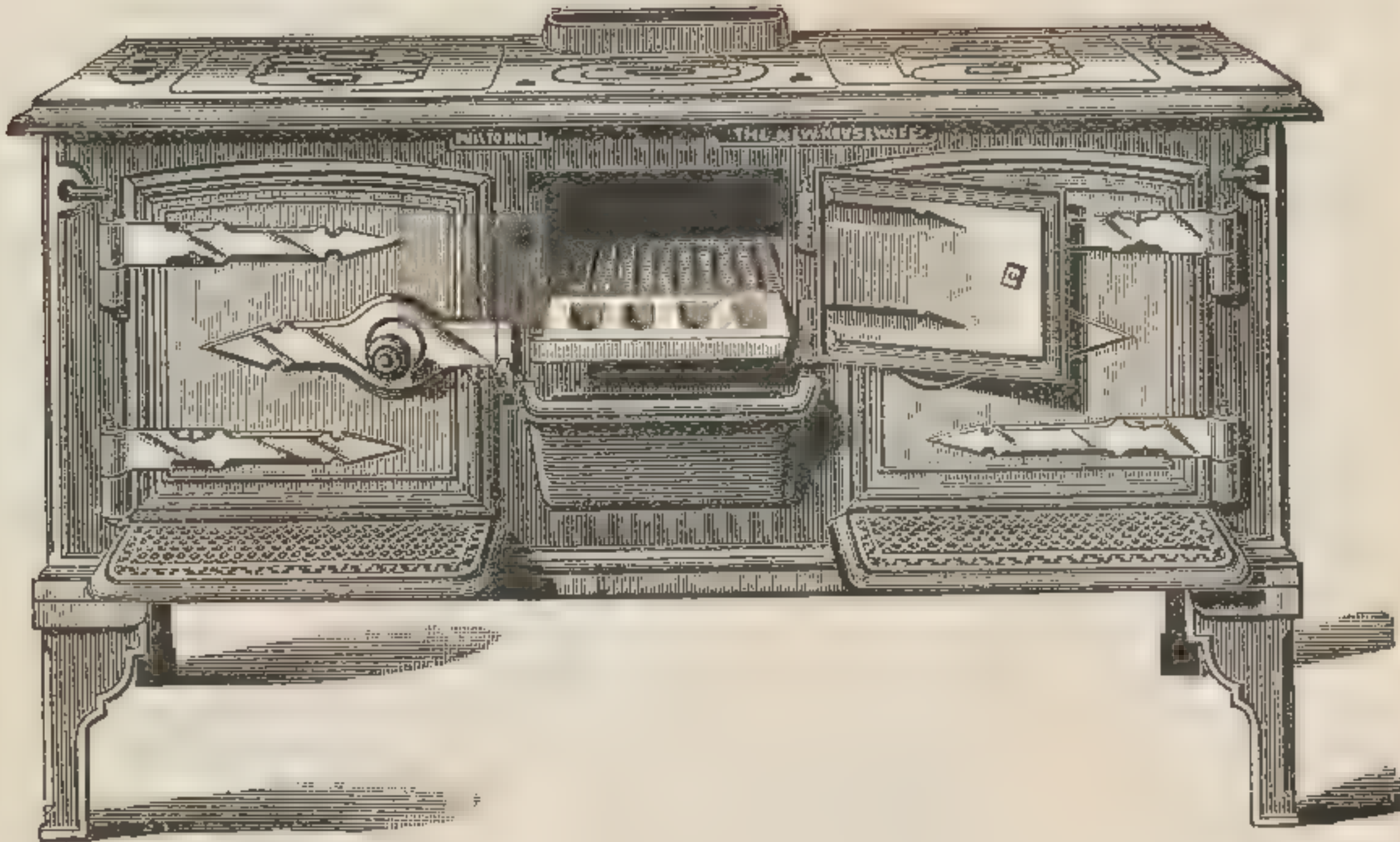
Stoves—Continued.



The "New Housewife" Range.

Specialy designed and constructed for the requirements of our own trade, having a large and thoroughly efficient oven, extensive hot plate, **AND EXTENDED FIREBOX FOR BURNING WOOD.** Up to-date in every detail, and can be relied upon to give the utmost satisfaction. Dimensions as under:—

Sizes of Hot Plates.			Sizes of Ovens.			Size of Fires.	Weight.
Width.	Height	Depth	Width	Height.	Depth.		
24 ins.	26 ins.	17 ins.	10 ins.	11 ins.	13 ins.	7 ins.	Cwts qrs lbs 2 0 20
27 "	27 "	18 ins.	12 "	12 "	14 "	8 "	2 2 20
30 "	28 "	18 "	14 "	12 "	14½ "	8 "	3 0 21
33 "	29 "	21 "	16½ "	14 "	16½ "	9 "	3 2 20
36 "	30 "	23 "	20 "	15 "	18 "	9 "	4 2 14

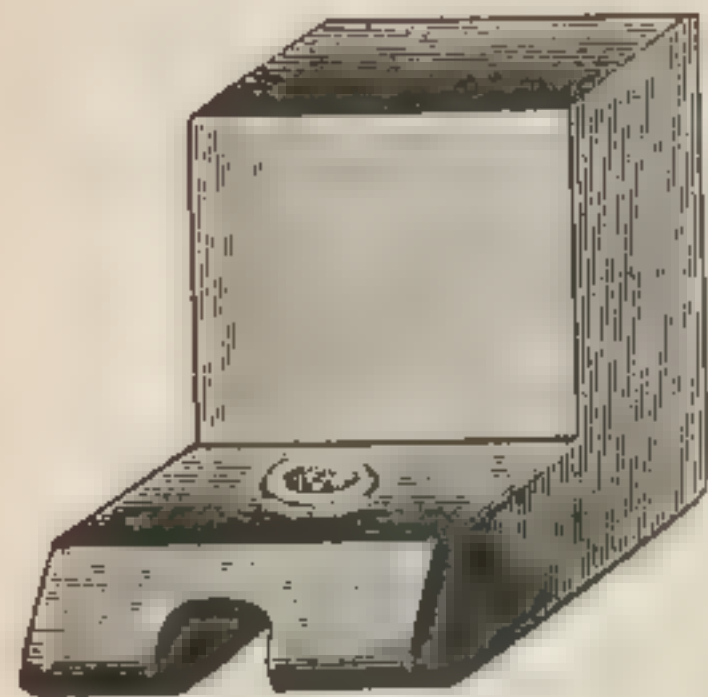


The "New Housewife" Stove.

Constructed throughout on up-to-date principles, of best materials and by first-class workmen Will be found specially suited for the heavy wear and tear of the colonies. Commodious ovens, thoroughly ventilated, large hot plates, **AND EXTENDED FIREBOX FOR BURNING WOOD.** Self Setting. Certain to give satisfaction. Dimensions as under:—

Sizes of Hot Plates			Sizes of Ovens.			Sizes of Fires.	Weight.
Width.	Height.	Depth.	Width.	Height.	Depth		
48 ins	28 ins.	24 ins.	13½ ins	13 ins.	22 ins	11 ins.	5 3 24
54 "	29½ "	24 "	16 "	14 "	22 "	11 "	6 2 19

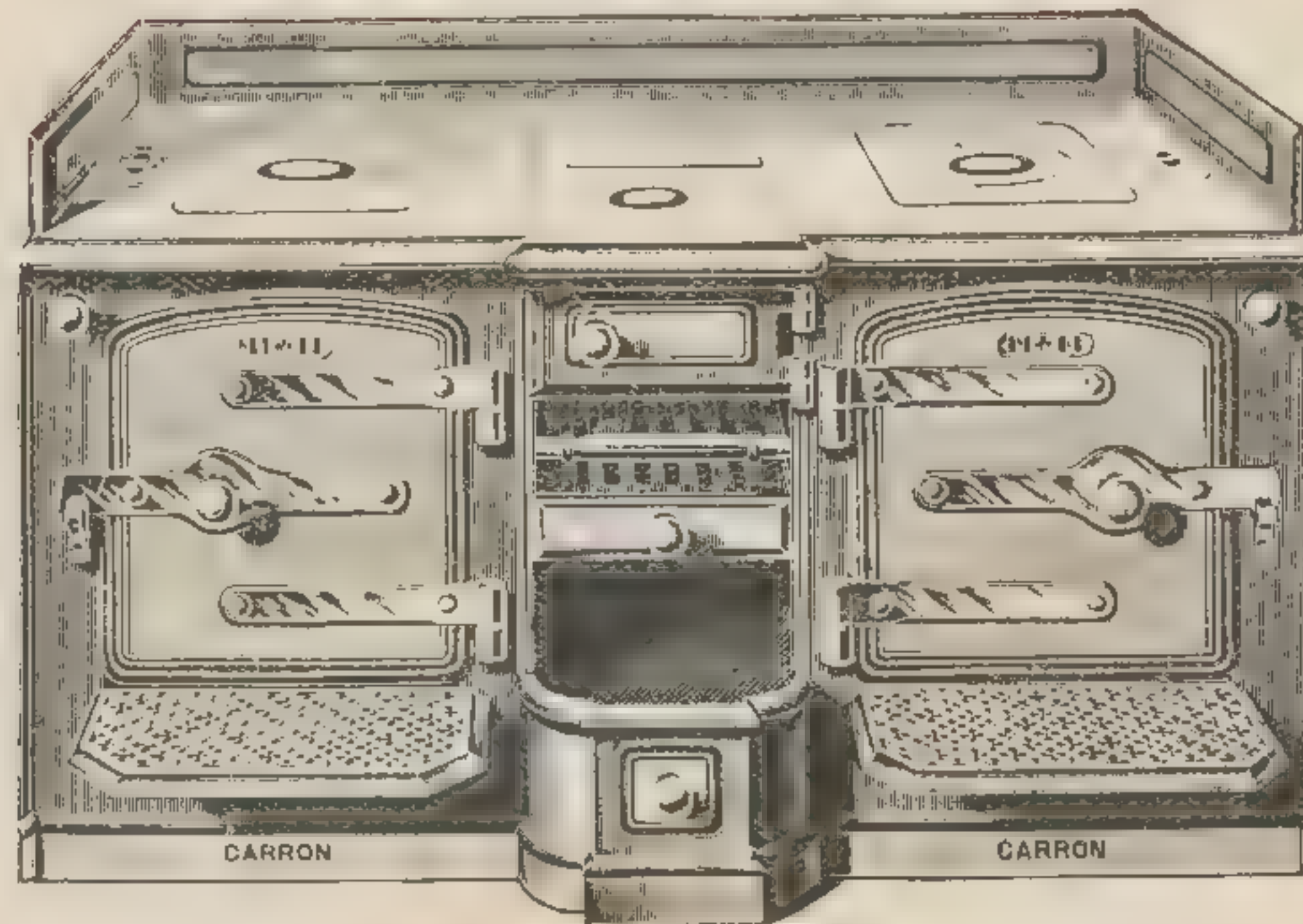
Ranges, Etc.



BOOT BOILER, IRON OR COPPER.

10, 12, and 14 in.

Note.—Boot Boilers and Circulating Cylinders can be supplied with any Range for Hot-Water Service. Particulars upon application



CLOSE FIRE SKIRTING RANGE,

Two Ovens.

4, 4½, 5, 5½, 6 ft.

RESTAURATEUR.

2 Ovens, 6, 7, and 8 ft.

3 „ 8 ft.

4 „ 12 ft.

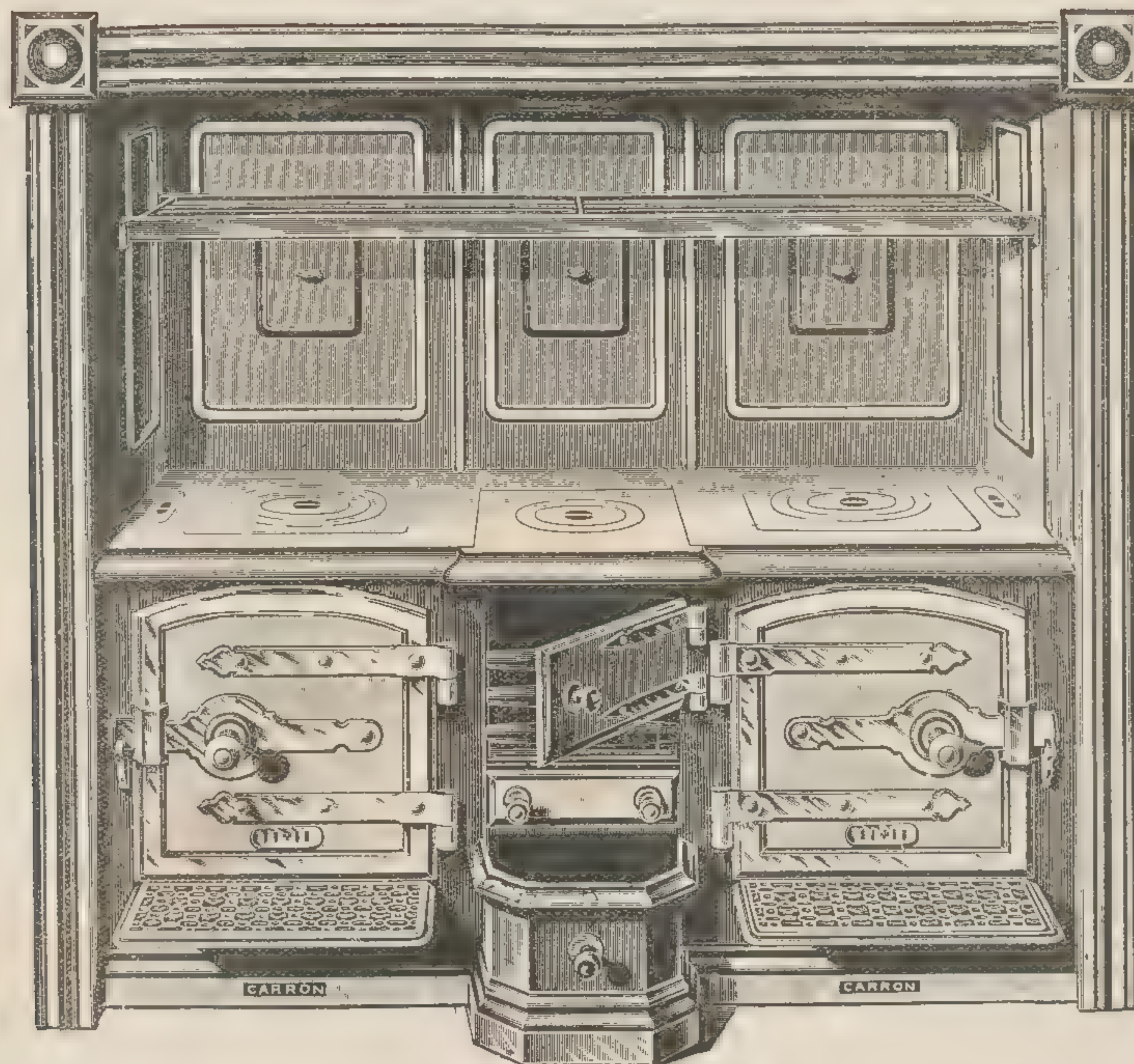
Made of extra heavy castings, suitable for hotels, restaurants, &c.



GALVANIZED IRON OR COPPER.

30, 40, and 50 gallons.

Close Fire Range.



WITH HIGH COVING AND POLISHED MOULDINGS.

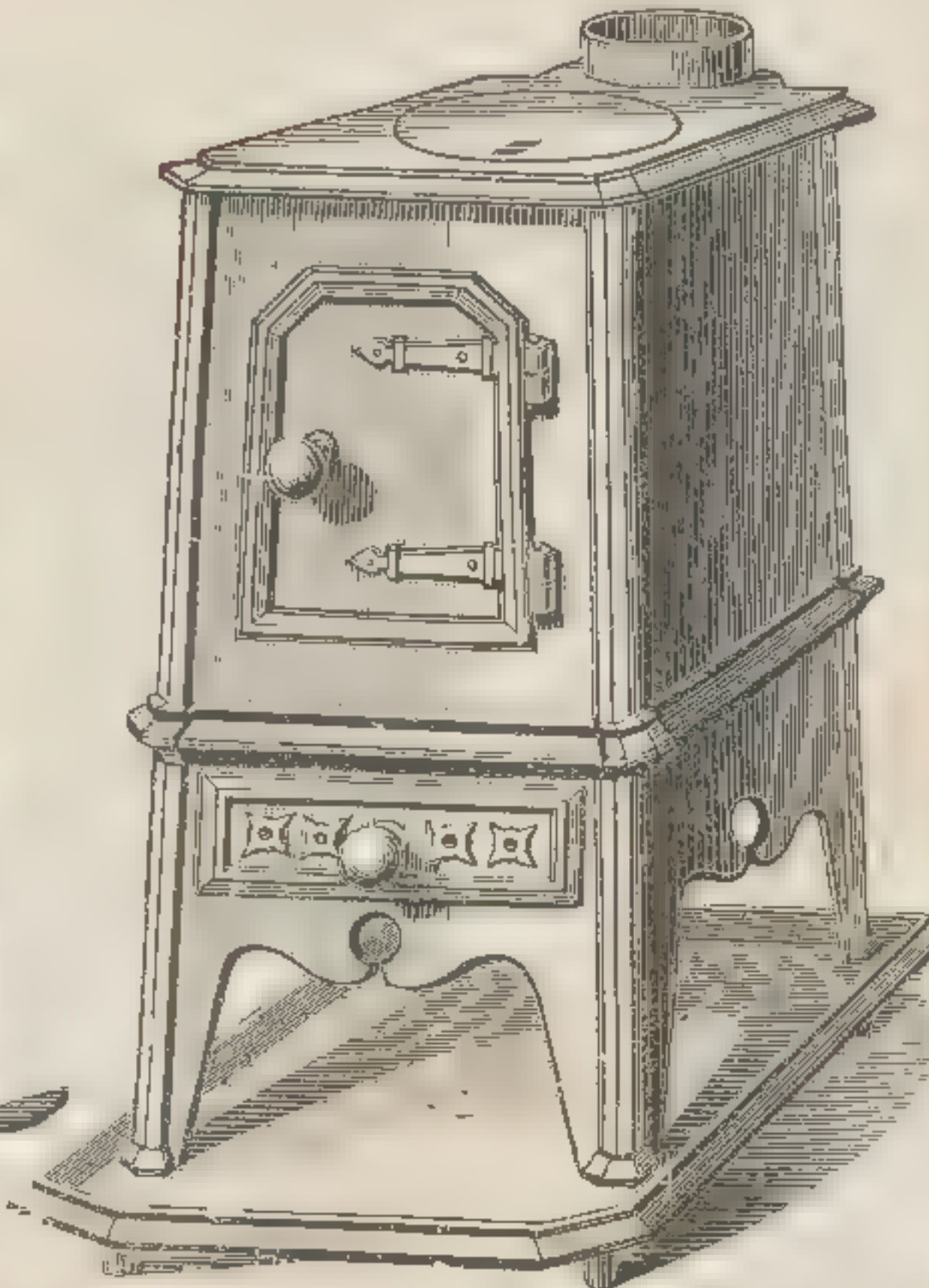
Also stocked with Skirting and Return Ends instead of Coving. Most suitable for High Pressure Boiler for Hot Water Service. With 2 or more Ovens; can also be had with Griller or Hot Plate for Hotel and Restaurant use. SIZES, 4ft. to 9ft. Will burn wood or coal.

Heating Stoves.



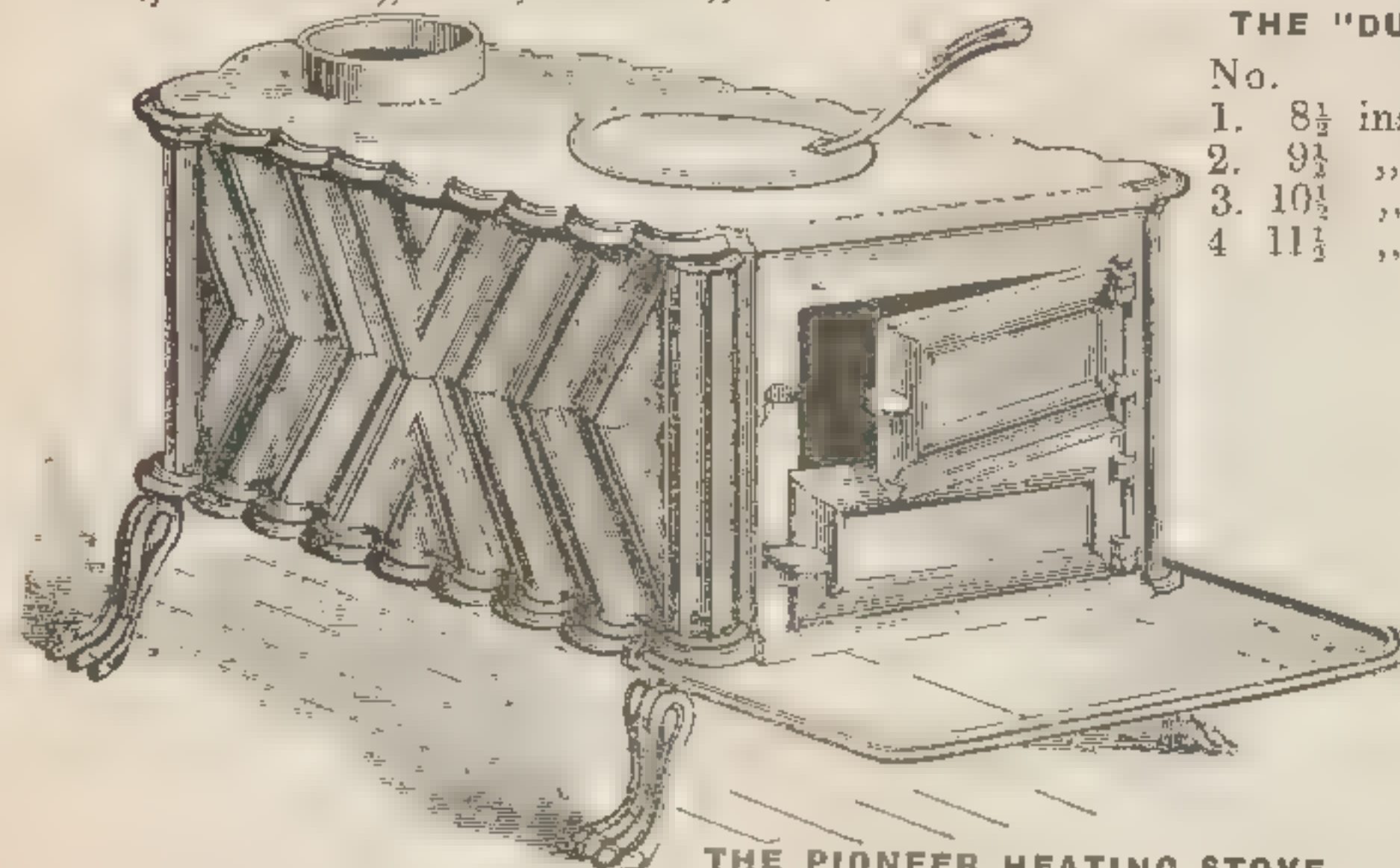
EXCELSIOR HEATING STOVE.

- No. 1. 24 ins wide x 30 ins. high.
 „ 2. 27 „ „ x 32 „ „
 „ 3. 30 „ „ x 34 „ „



THE "DUMPY" HEATING STOVE.

- No.
 1. 8½ ins. wide, 17½ ins. high.
 2. 9½ „ „ 19½ „ „
 3. 10½ „ „ 22½ „ „
 4. 11½ „ „ 23½ „ „



THE PIONEER HEATING STOVE

For Wood only, 24, 30, 36 inches.
 A Splendid Heating Stove where long wood fuel is used.



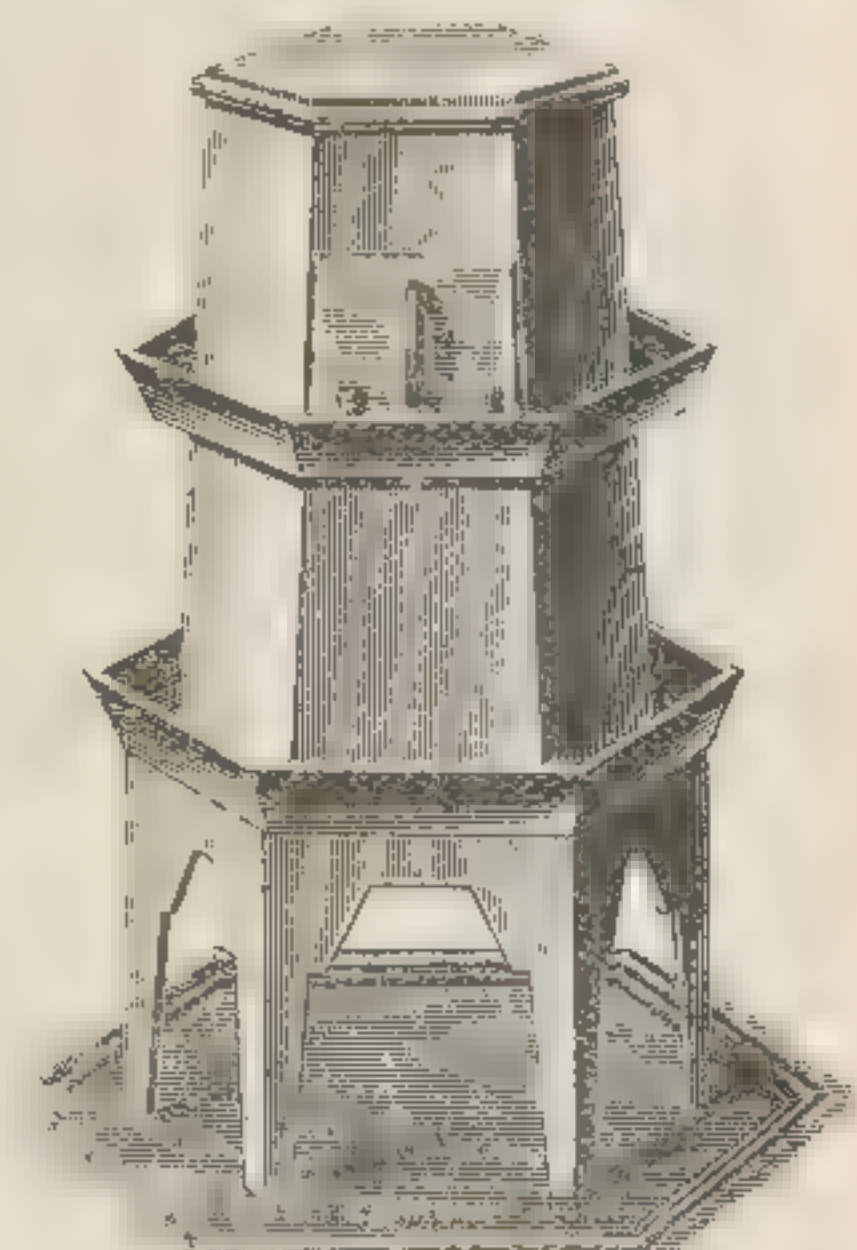
THE "QUEEN" HEATING STOVE.

- No. 6.—24 ins. high, 20 ins. wide
 No. 7.—26 ins. high, 22 ins. wide.



SLOW COMBUSTION HEATING STOVES.

Heavy Brick Lined.
 10, 12, 14 inch. diameter.



RIDGE TOP HEXAGONAL LAUNDRY STOVE.

15½ in. wide. 27 in. high.

Laundry Stoves.



No. 2.

THE "KOSMOS" STOVE
Is easily lighted and requires little attention. It becomes red-hot within twenty minutes of lighting the fire, and Irons can be used immediately after. Heat is regulated by a damper so that Stove can be kept at the right temperature all day, by feeding it with two or three charges of fuel. In the Gas stove the heat is regulated by the gas cock. Perfectly safe, occupies very little room, and requires no building in.

The Kosmos for fuel or gas.
6, 8 and 10 Iron.

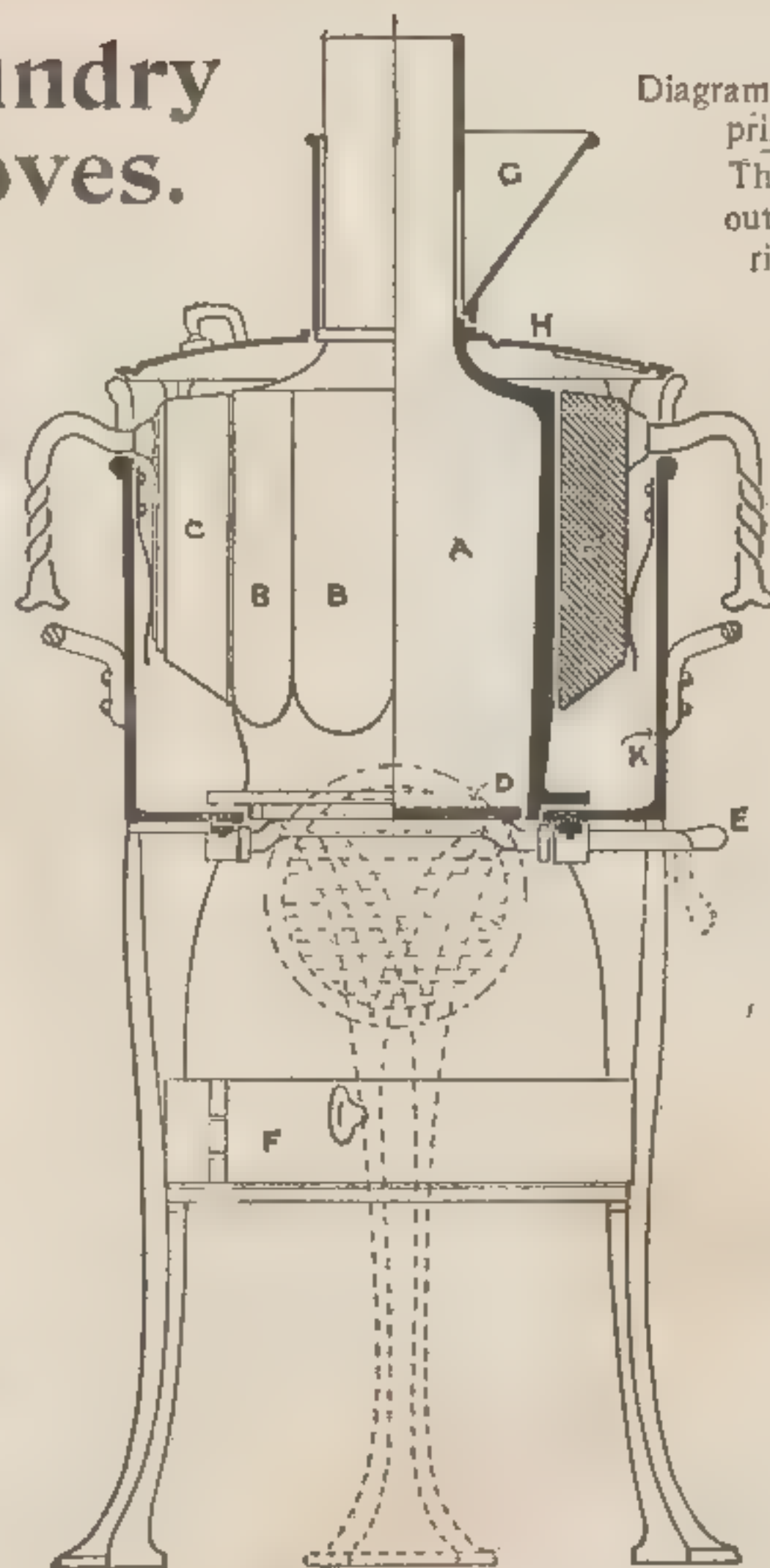
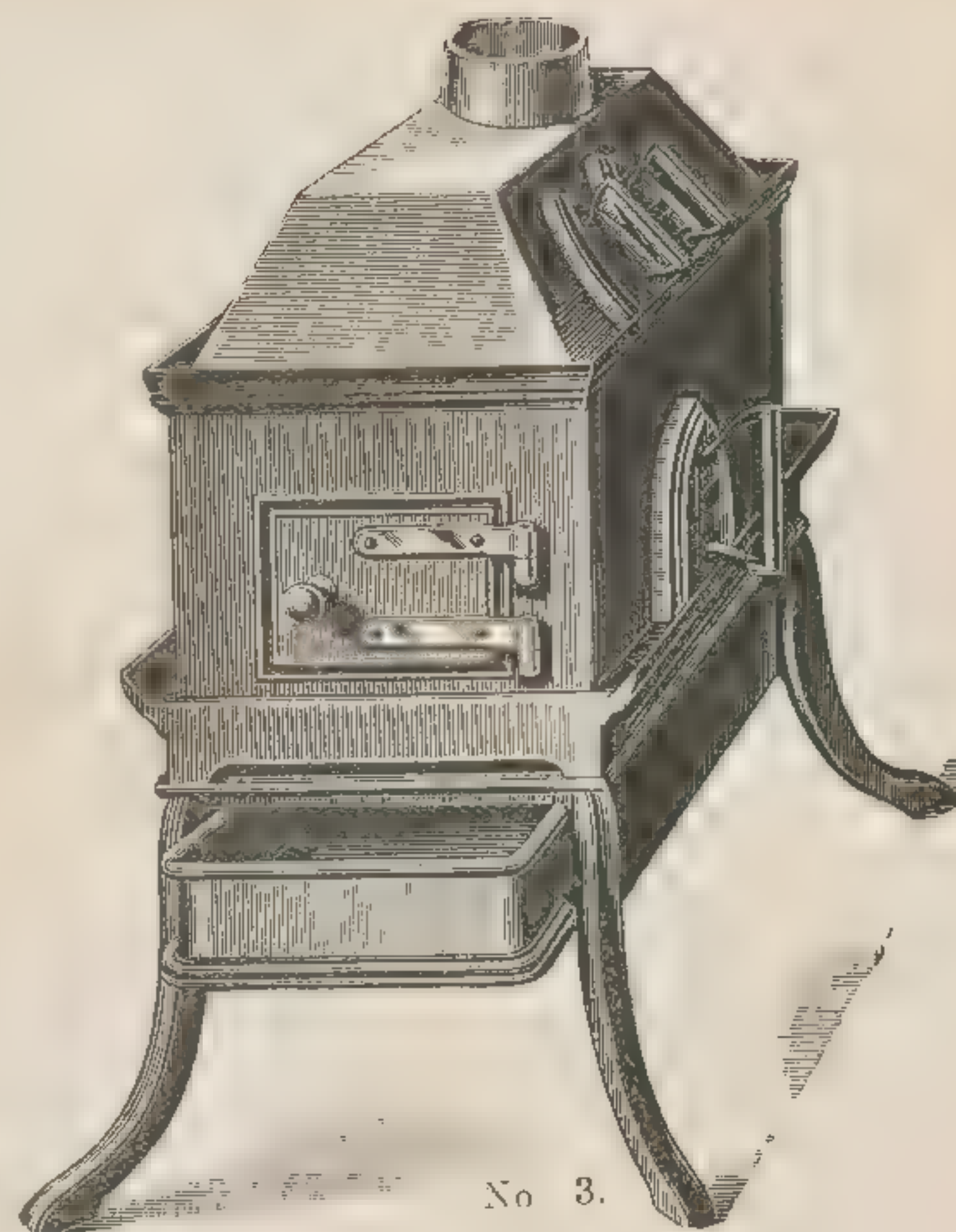


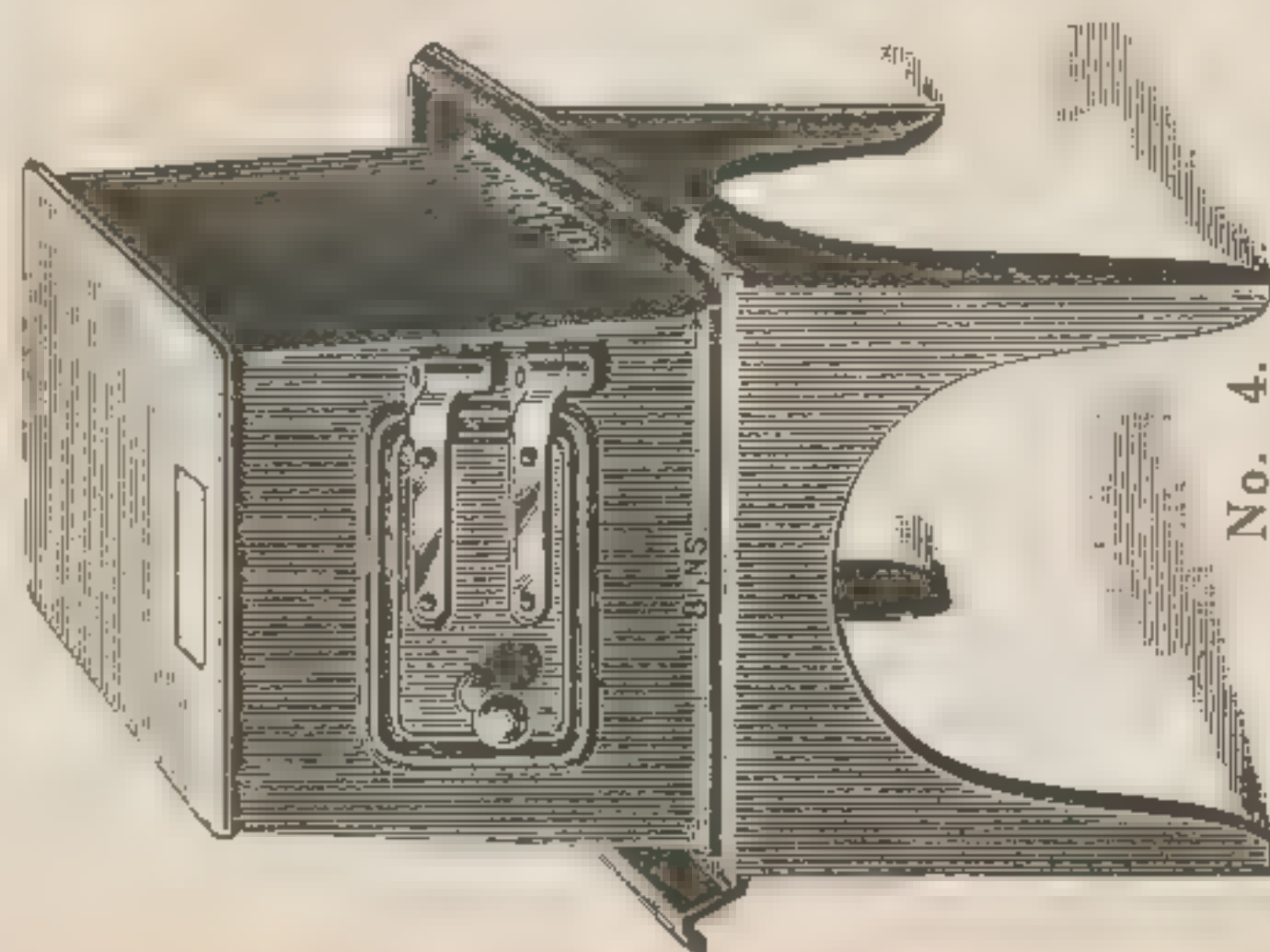
Diagram will explain the construction, principle, and method of working. The left hand side shows half of outer casing removed, whilst the right hand half shows section through the centre.

- A. Fire Box (inside).
- B. Faces on outside of Fire Box to take Irons.
- C. Irons being heated.
- D. Tip-up Bottom Grate.
- E. Handle for ditto.
- F. Ashpan, with Door for removing ashes.
- G. Feeding Nozzle, which revolves and closes aperture after charging with fuel.
- H. Revolving Lid with slot to permit removal of one iron at a time and retain heat.
- J. Flue to take standard size pipe.
- K. Outer Casing.

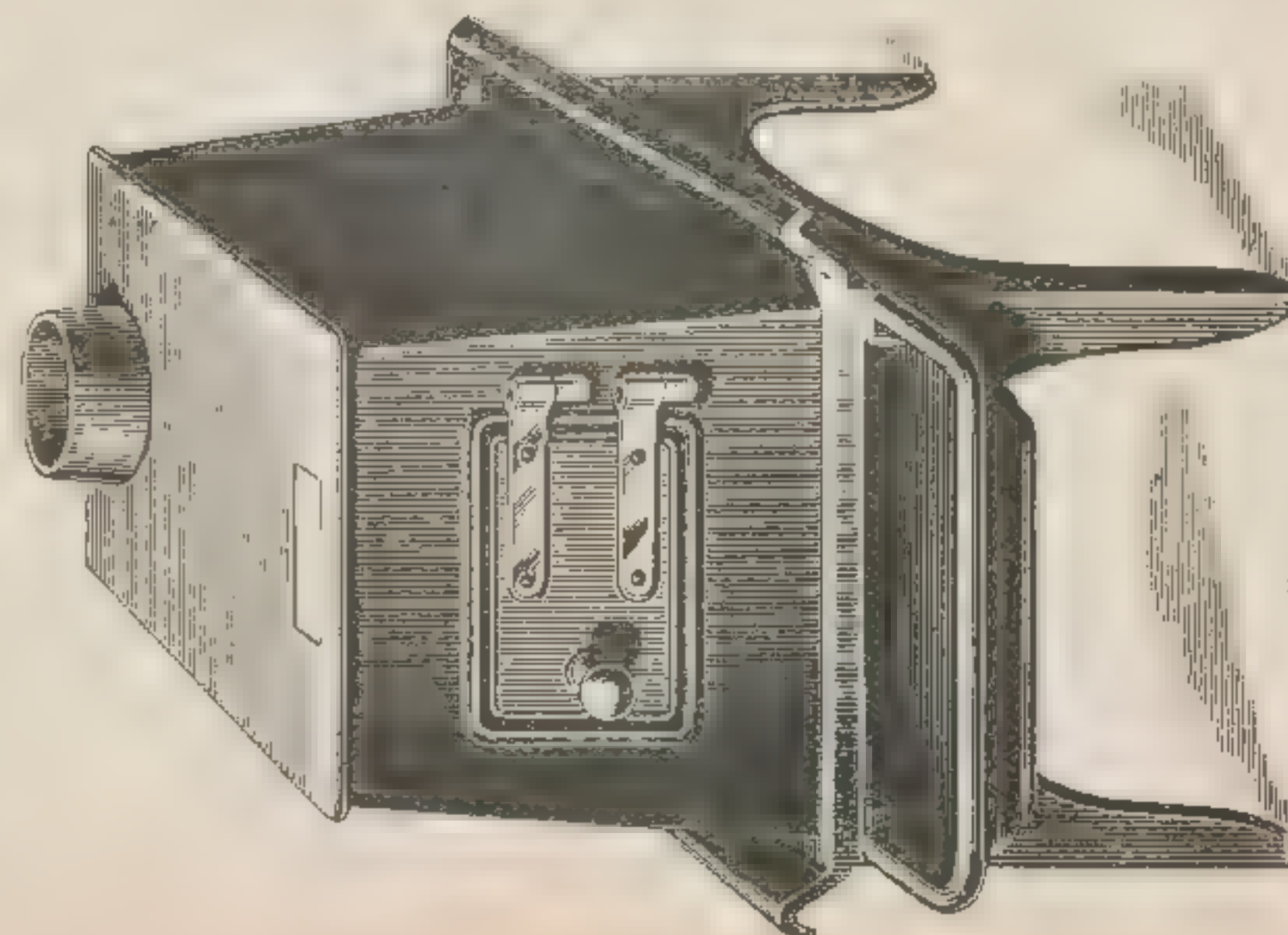


No. 3.

No. 1. 26in. high x 10in. wide x 12½in. deep.
No. 2. 26in. " 11in. " 15in. "
No. 3. 30½in. " 11½in. " 18in. "

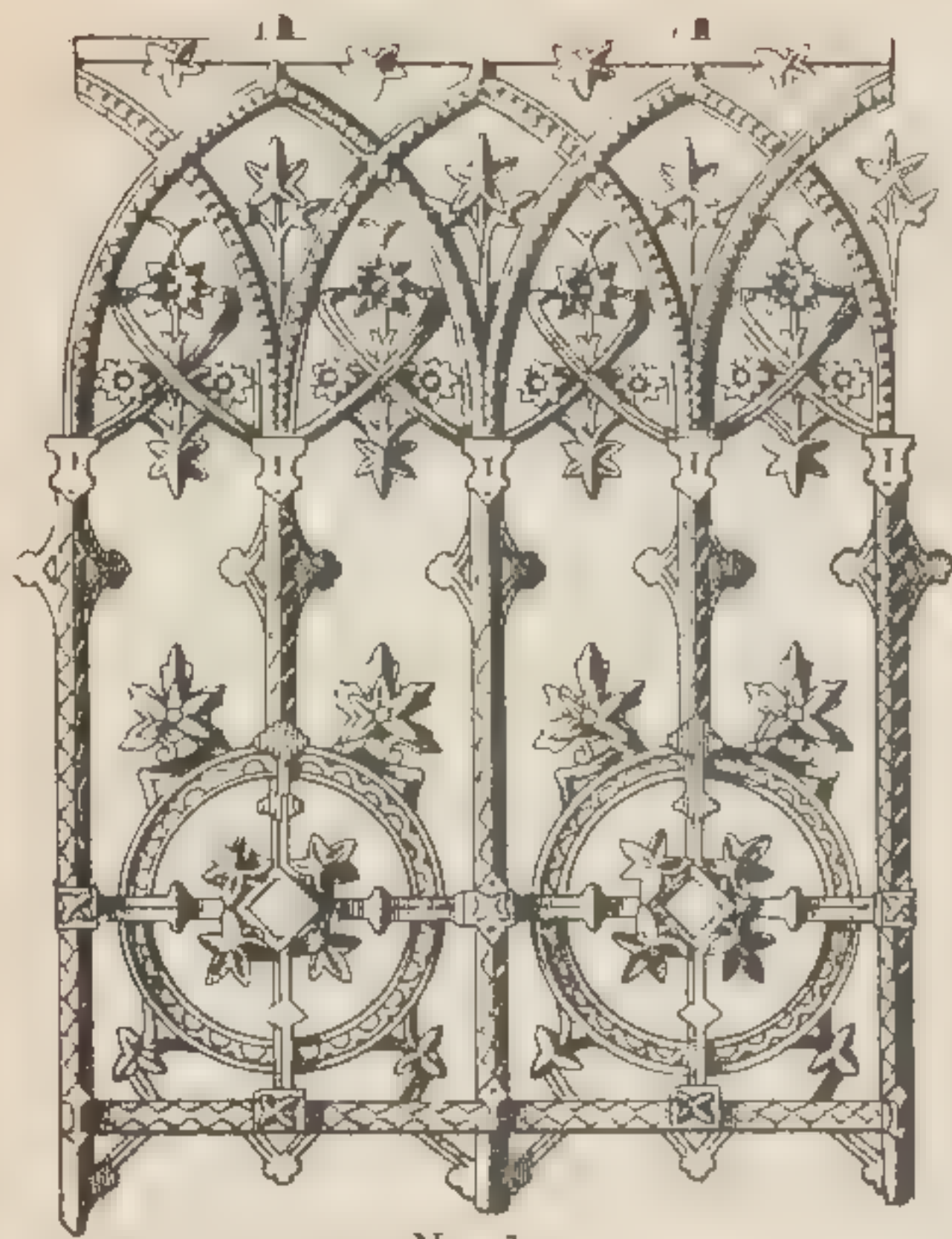


No. 4.
Sizes as follows:—
16ins. high, 10in. deep, 8in. wide
18 ins. " 12ins. " 9ins.

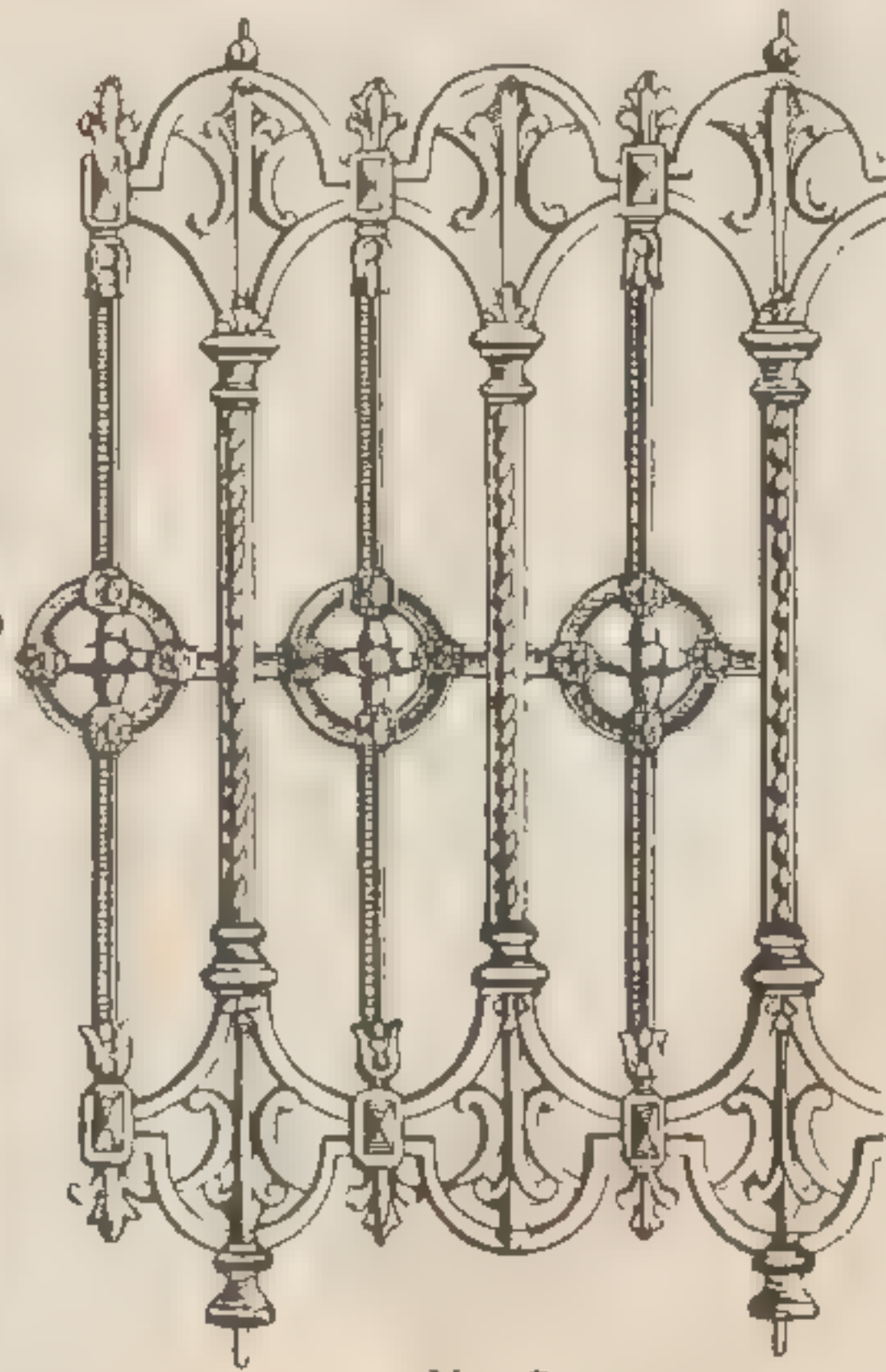


No. 5. Tray.
With Ash Tray.
19ins. high, 15ins. deep, 10ins. wide.

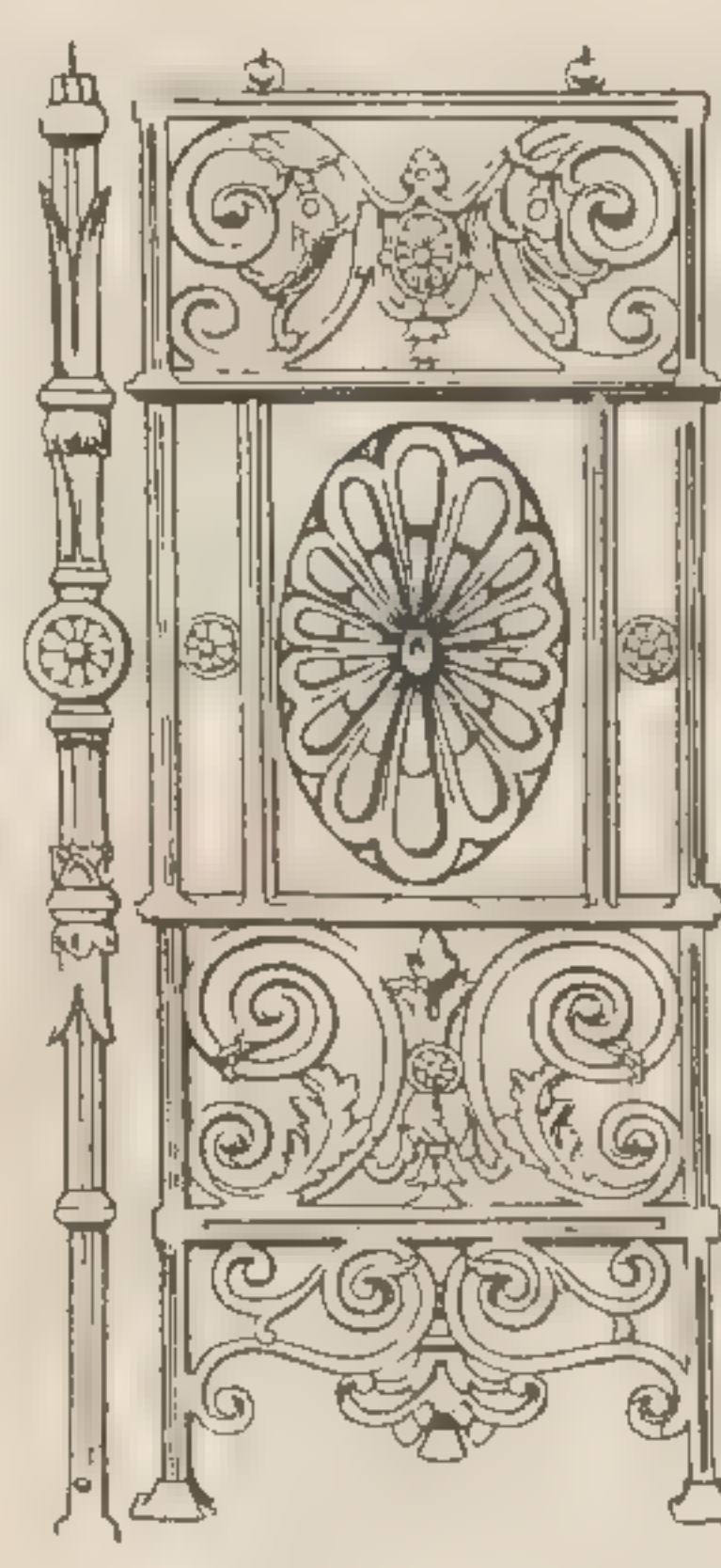
Verandah Railing and Posts.



No. 1.



No. 2.

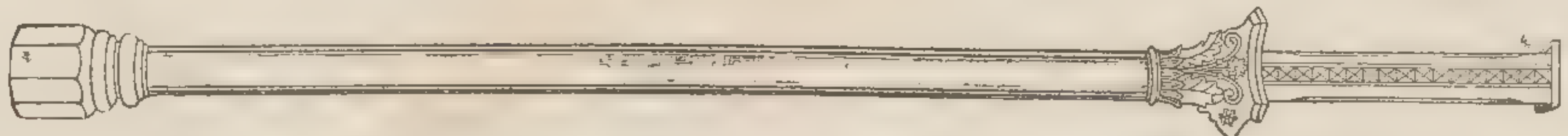


No. 3.



No. 4.

No. 5.



No. 6.



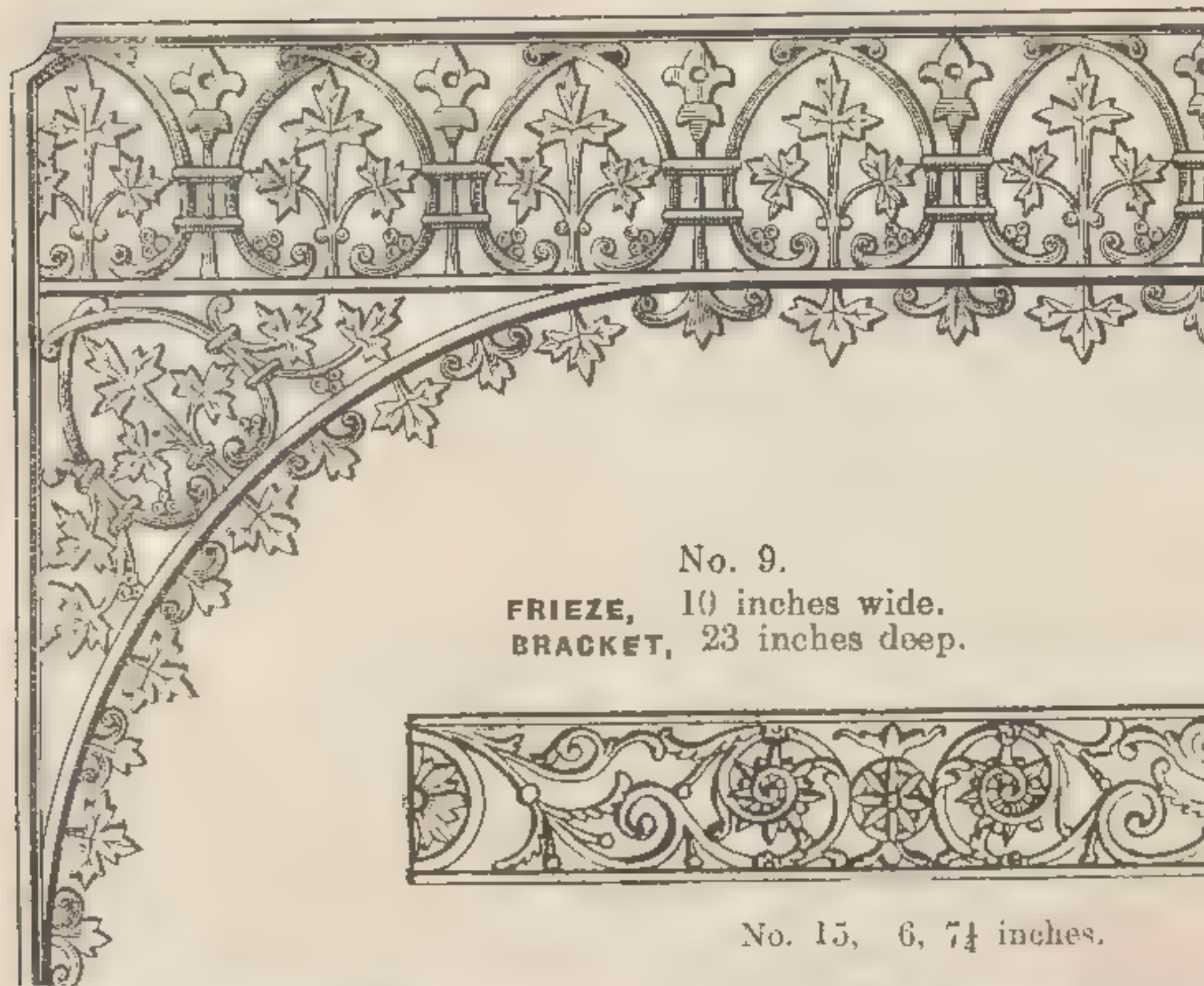
No. 7.



No. 8.



Frieze and Panels.



No. 9.
FRIEZE, 10 inches wide.
BRACKET, 23 inches deep.



No. 10.
FRIEZE, 12 inches wide.
BRACKET, 24 inches deep.



No. 15, 6, 7 1/4 inches.



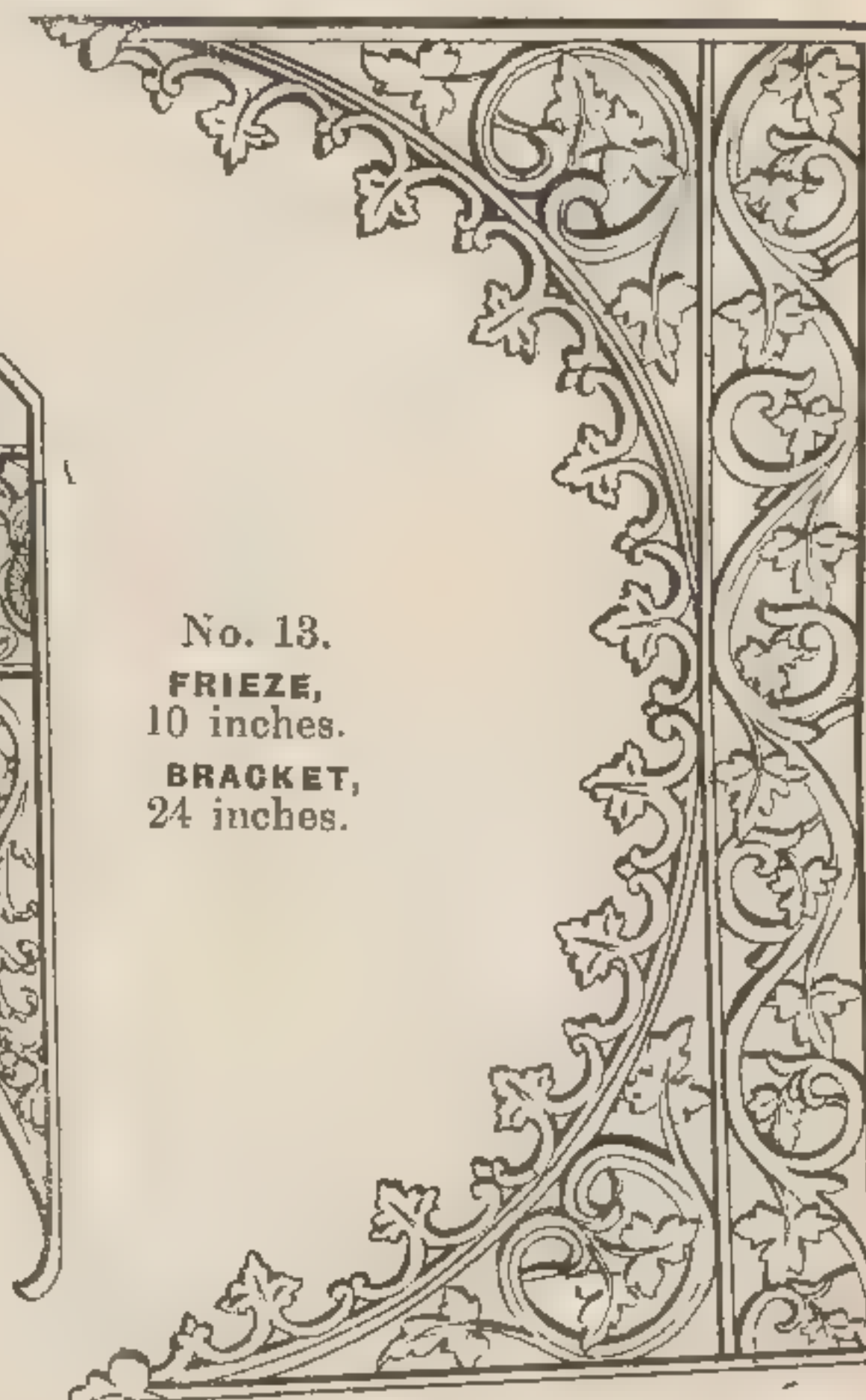
No. 12
FRIEZE
12 inches.
BRACKET,
21 inches.



No. 11.
FRIEZE, 12 inches.
BRACKET, 26 inches.

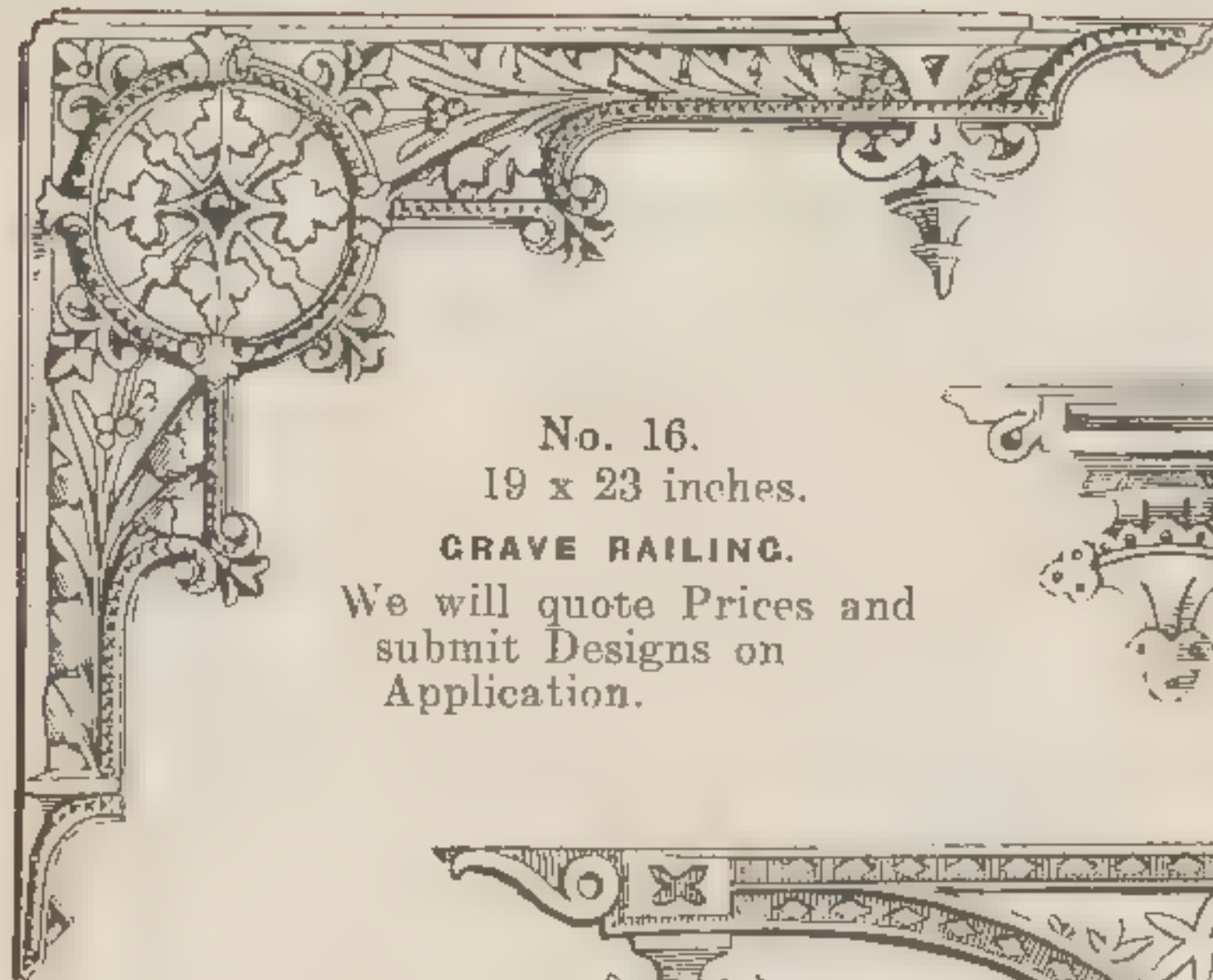


No. 14 8 inches.



No. 13.
FRIEZE,
10 inches.
BRACKET,
24 inches.

Brackets.



No. 16.
19 x 23 inches.
GRAVE RAILING.
We will quote Prices and
submit Designs on
Application.



No. 18.
24 x 27 inches.



No. 17.
18 x 18 inches.
24 x 24 inches.
30 x 30 inches

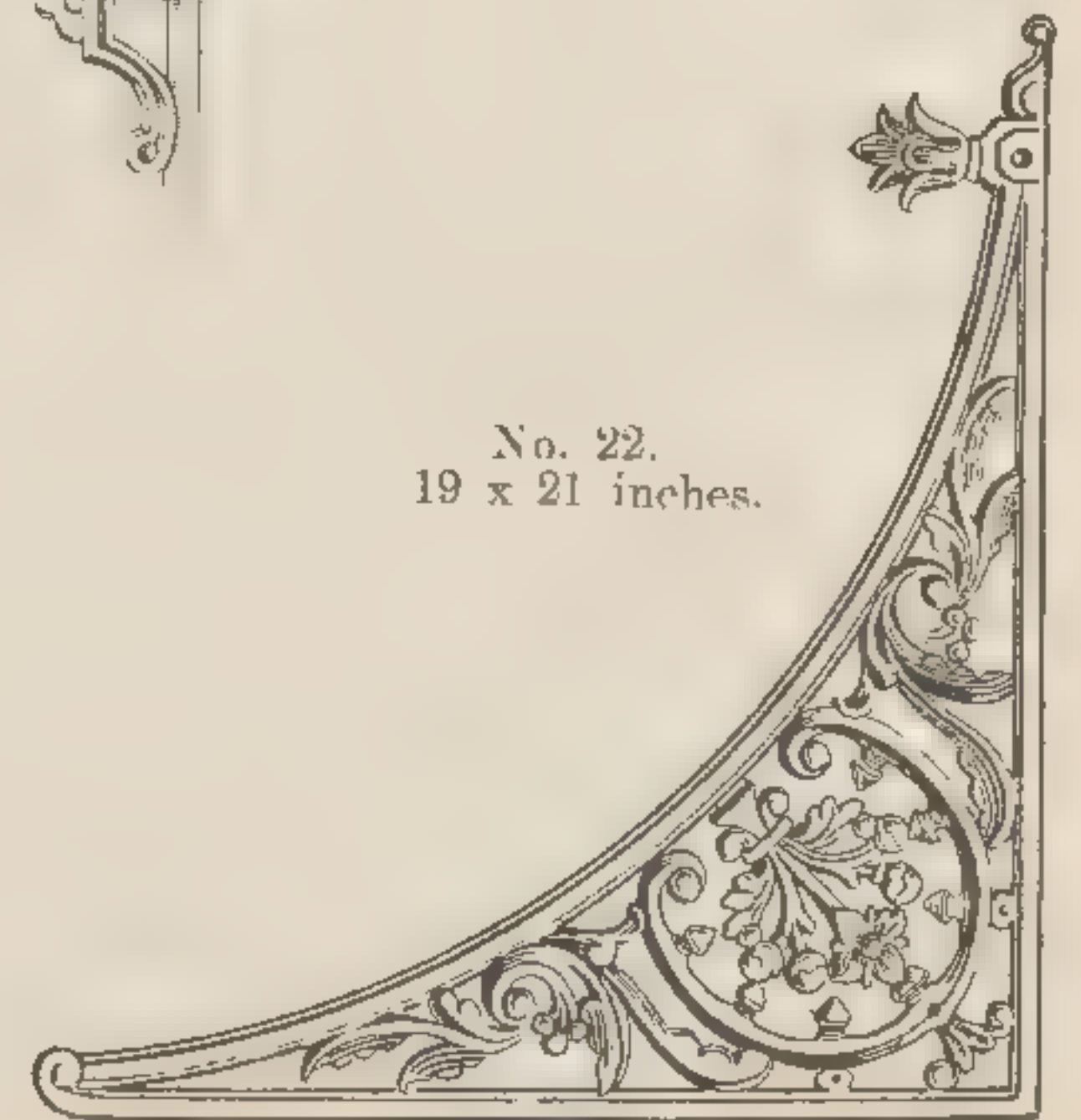


No. 19.
24 x 27 inches



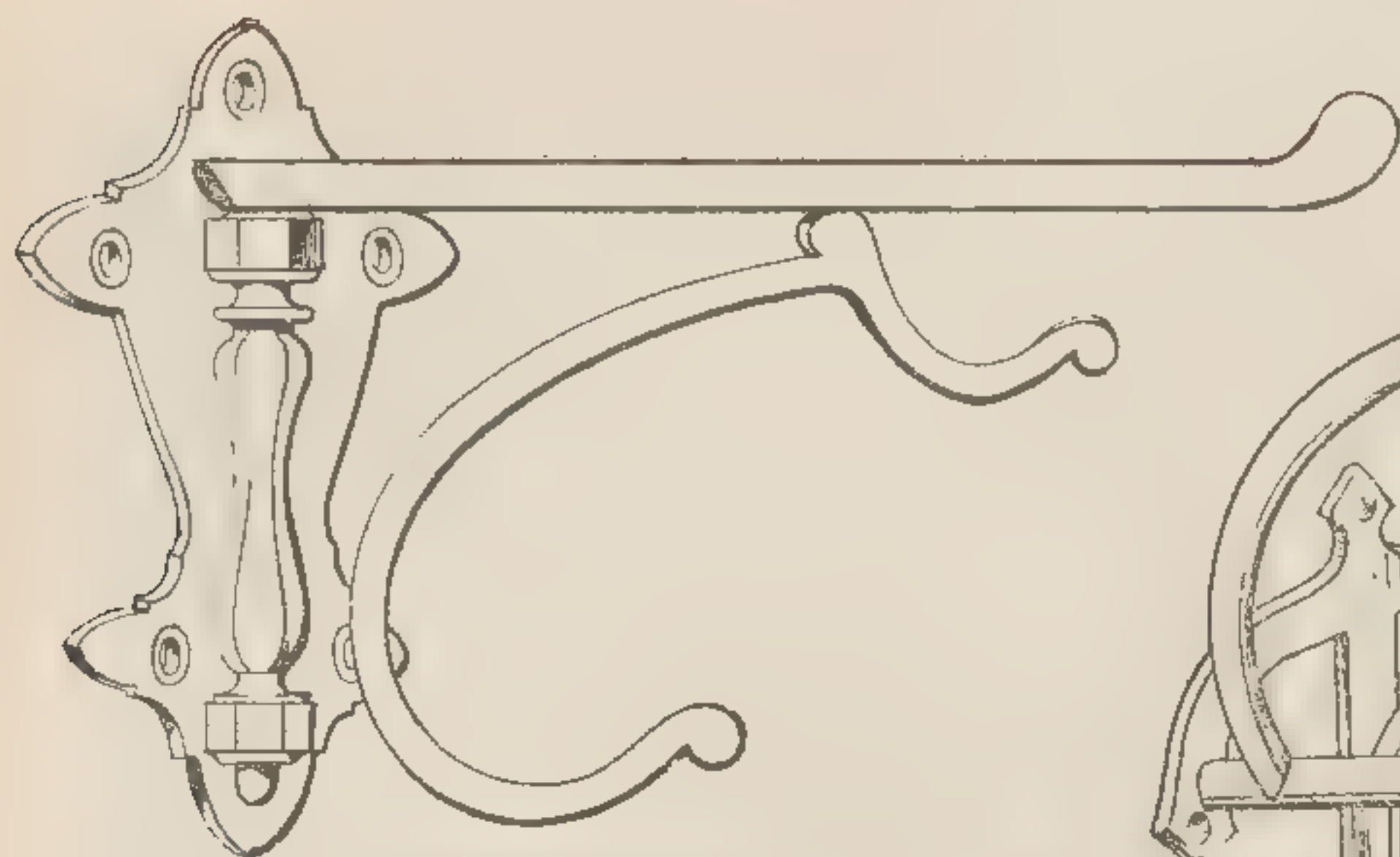
No. 21.
14 x 14 inches.

No. 20.
19 x 21 inches



No. 22.
19 x 21 inches.

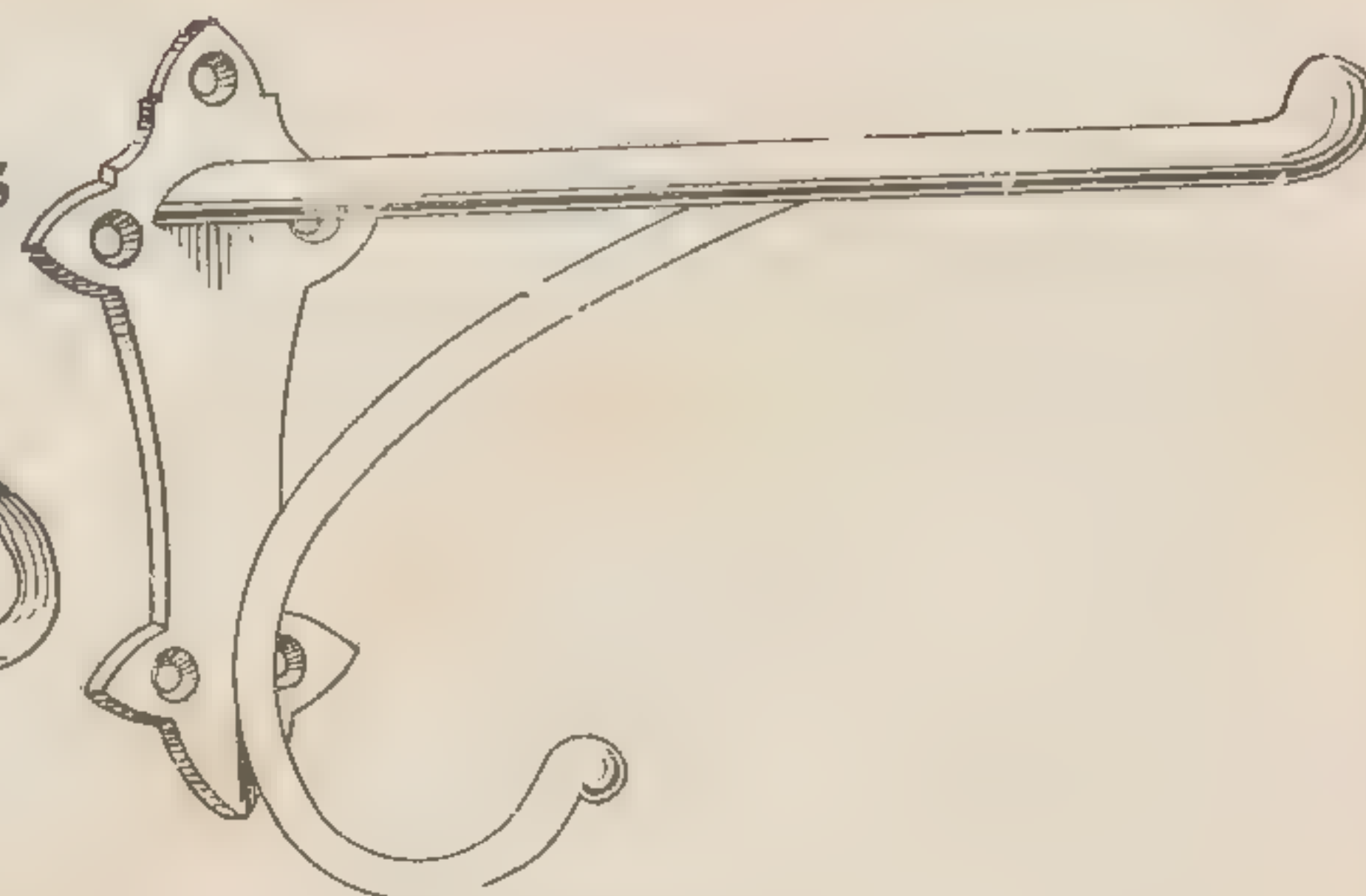
Stable Fittings



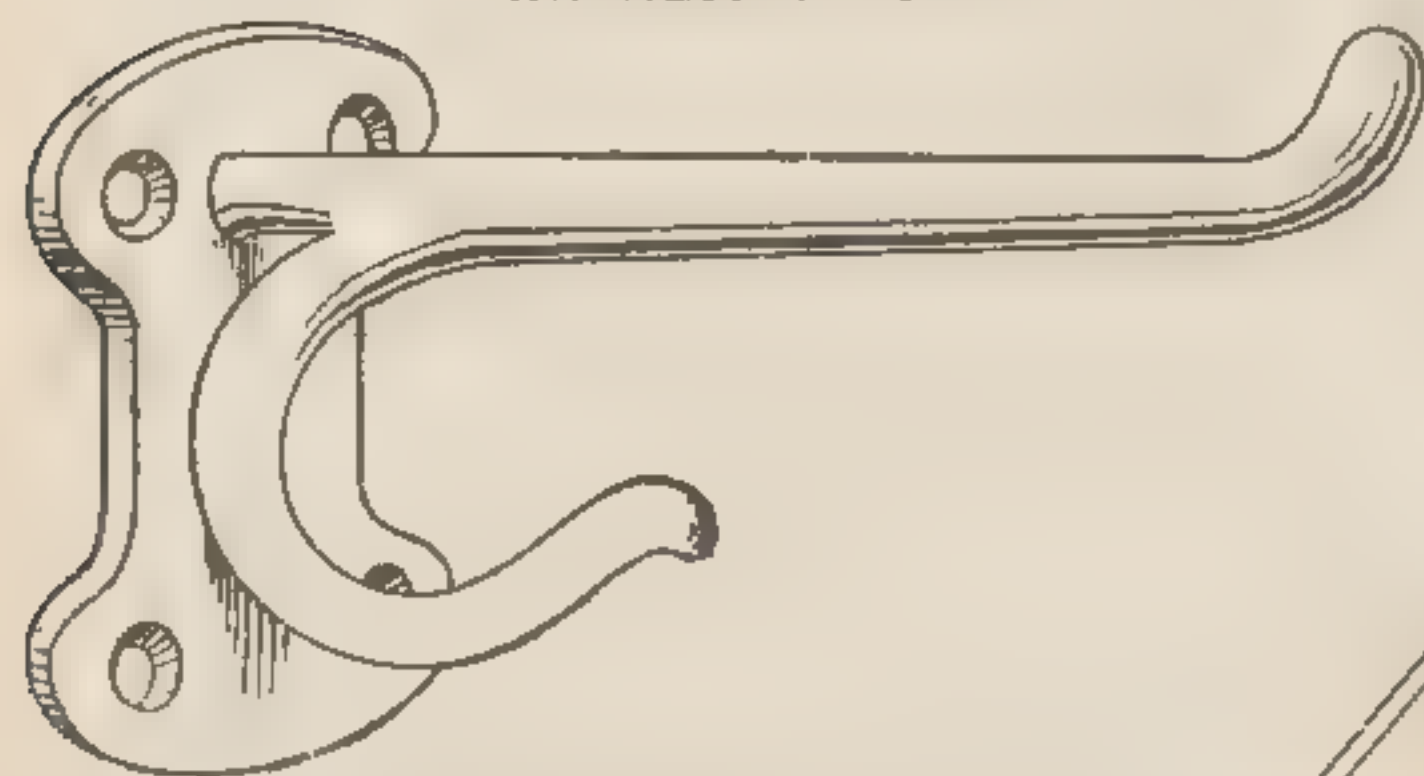
No. 1 HARNESS BRACKET. 12 inch.



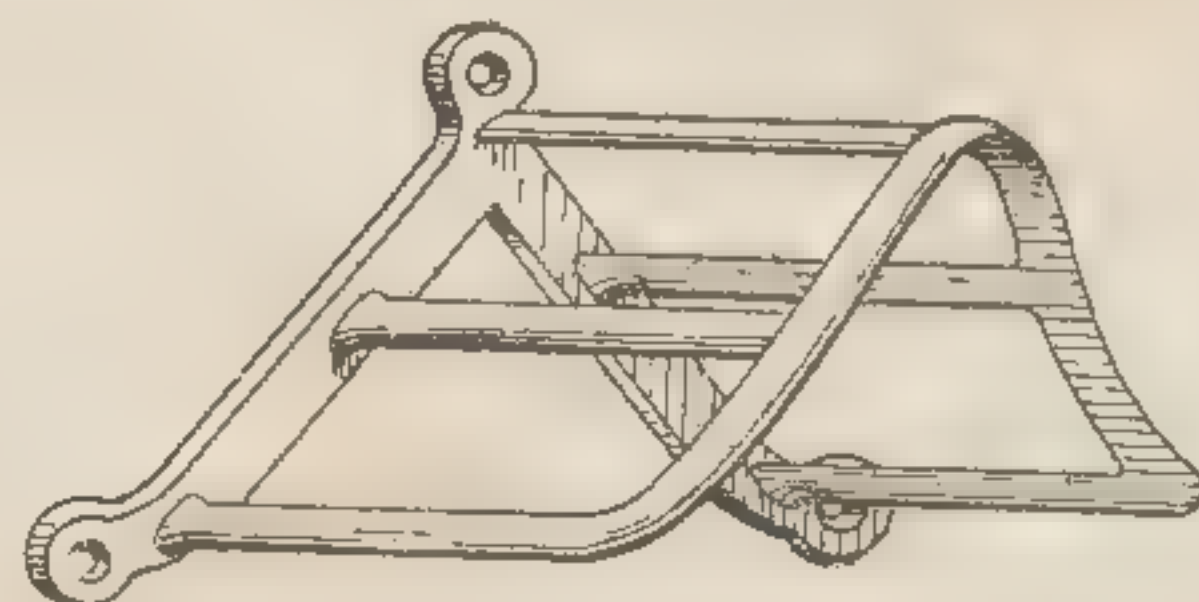
No. 2.
COLLAR BRACKET.
Width, 9 1/2 inch. Projects, 6 inch.



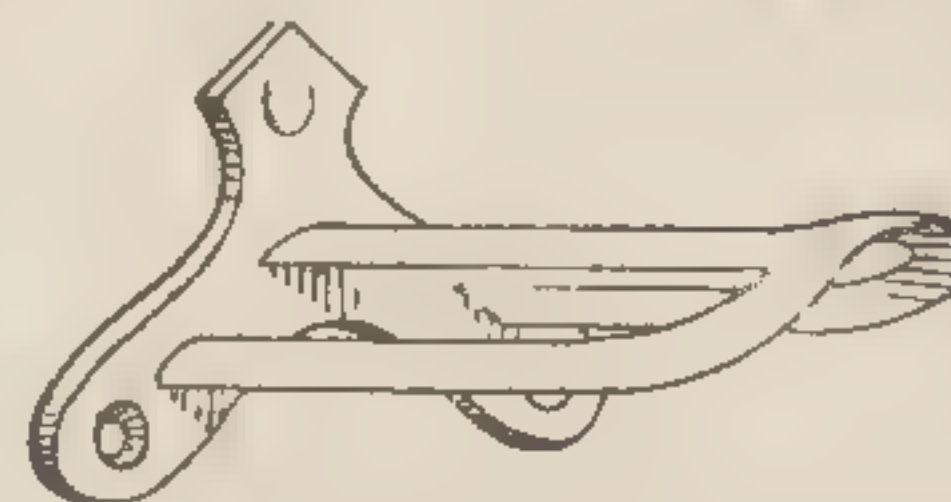
No. 3.
HARNESS BRACKET.
10, 12, 15 inch.



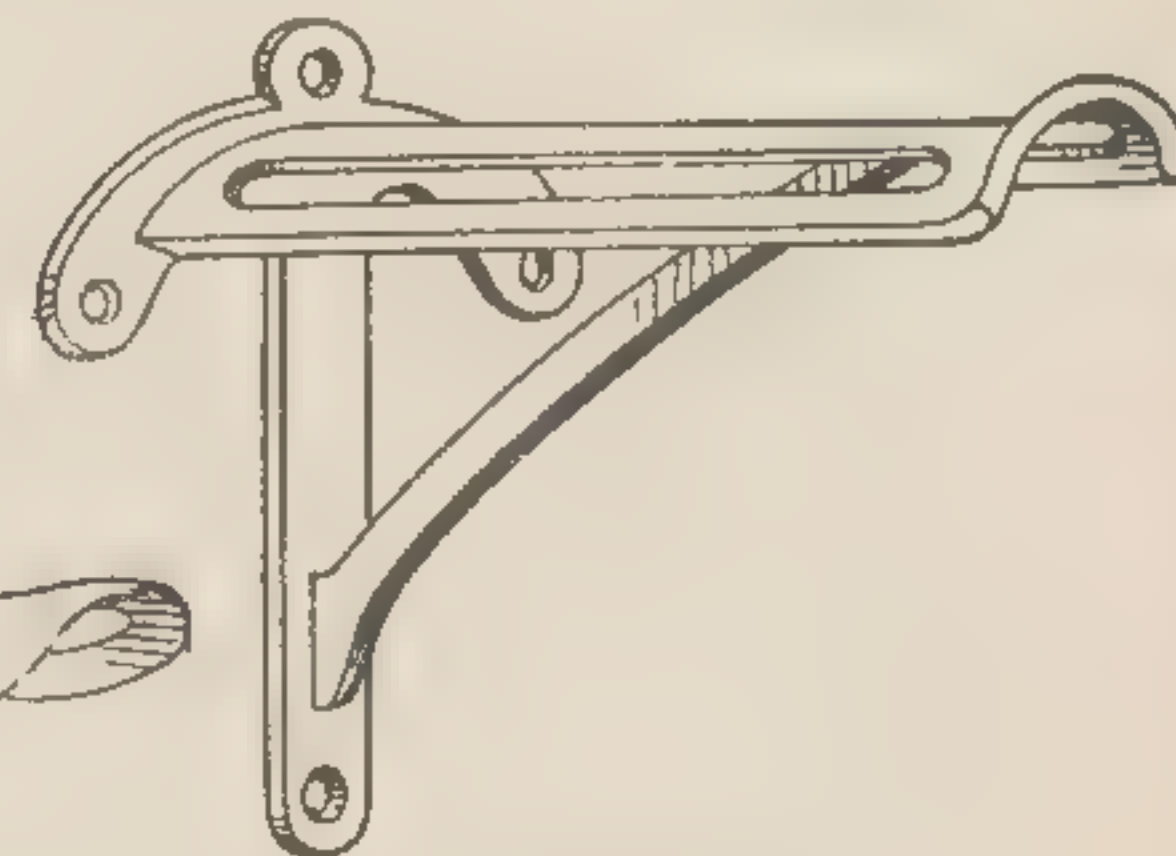
No. 4. HARNESS BRACKET. 4 inch.



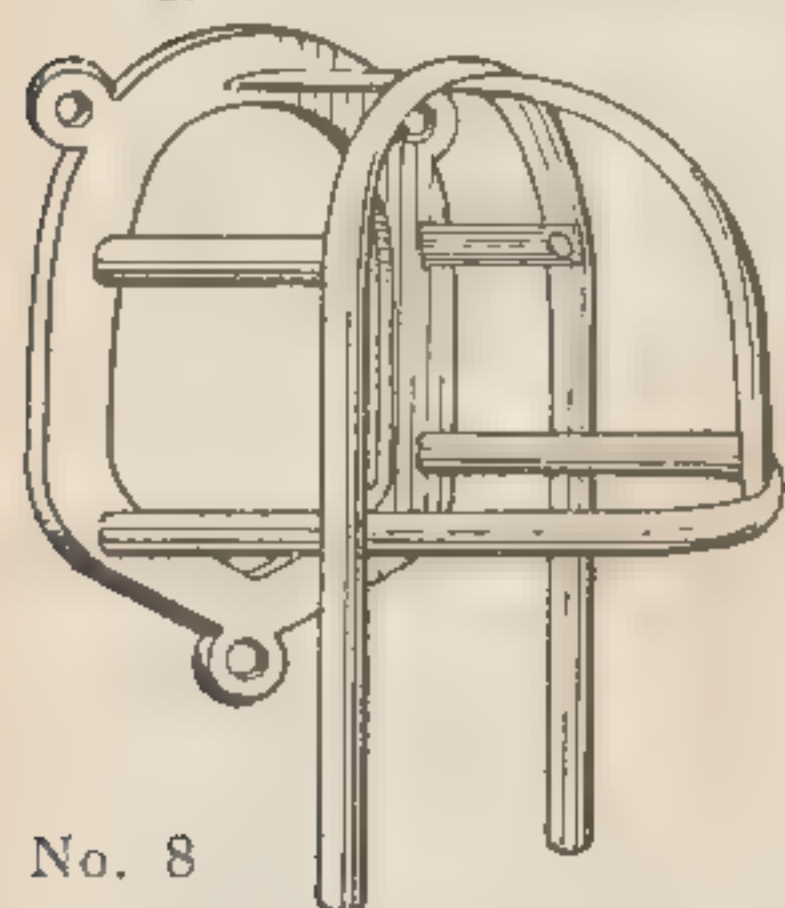
No. 5. DOUBLE HARNESS PAD BRACKET.
Width, 8 1/2 inch. Projects, 6 inch.



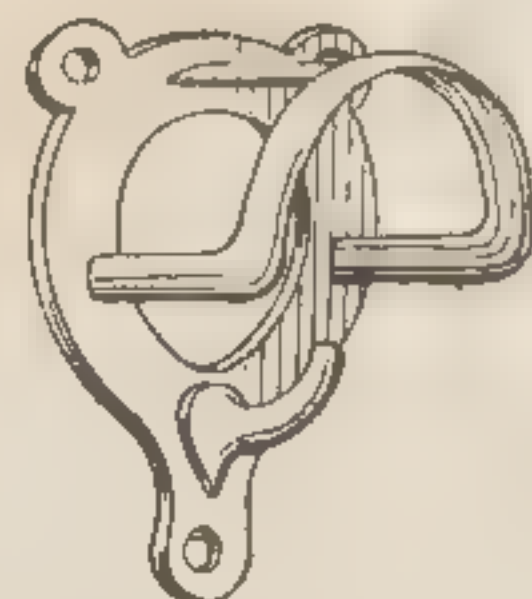
No. 6.
REIN AND CRUPPER HOLDER.
2 1/2 x 4 inch.



No. 7.
HOSE BRACKET.



No. 8
DRIVING BRIDLE
BRACKET.
Projects, 5 1/2 inch. Width,
5 inch. Depth, 8 1/2 inch.



No. 9.
RIDING BRIDLE
BRACKET.



No. 10.
HORSE SHOE BRIDLE
BRACKET.
6 x 4 inch.



No. 11.
FORK, BROOM, AND SHOVEL
HOLDER.



No. 12.
BIT AND STIRRUP HOLDER.
2 1/2 x 4 inch

Stable Fittings.—Continued.

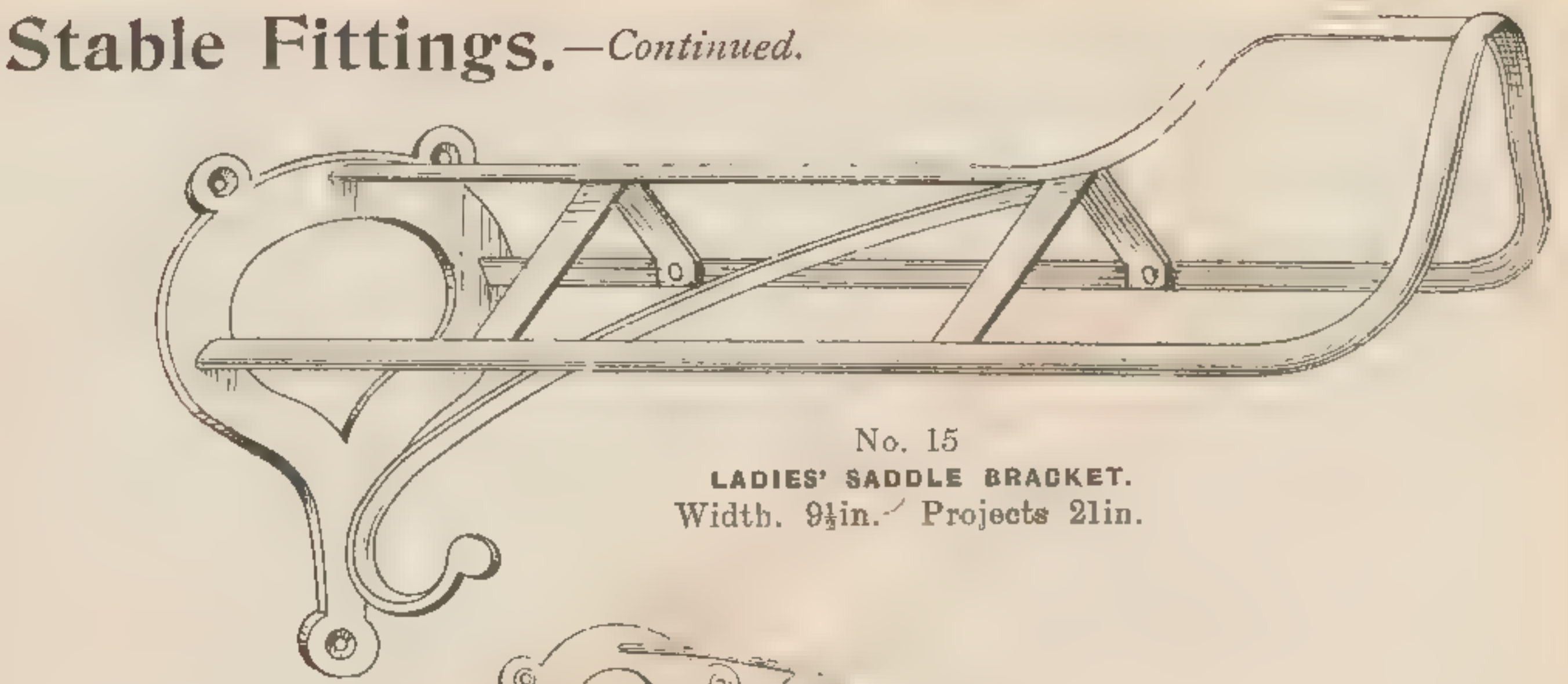


No. 13
TELESCOPE HARNESS
CLEANING HOOK.

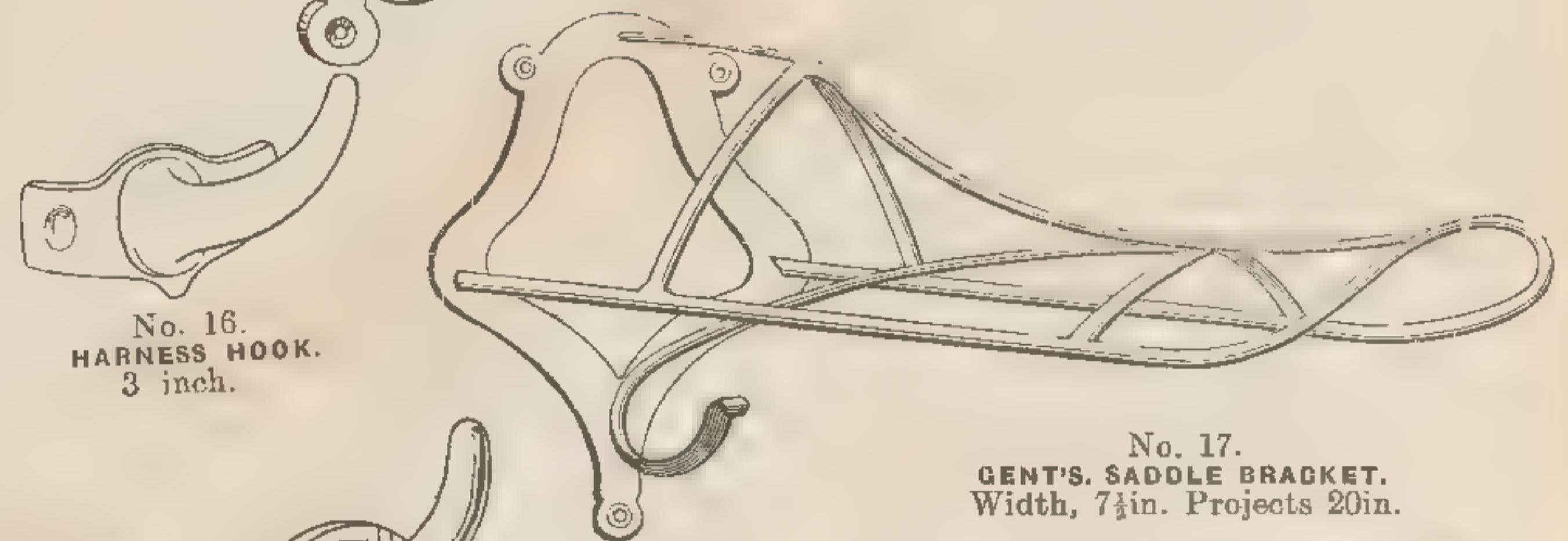
Length, 3½ft.; when
extended, 5ft



No. 14.
HARNESS CLEANING HOOK.
Length, 3ft.



No. 15
LADIES' SADDLE BRACKET.
Width, 9½in. Projects 2lin.

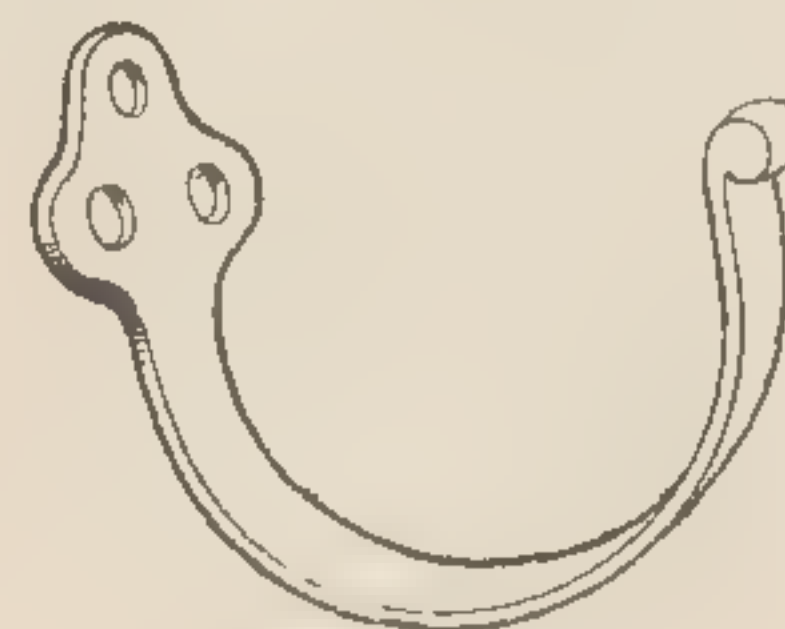


No. 17.
GENT'S. SADDLE BRACKET.
Width, 7½in. Projects 20in.

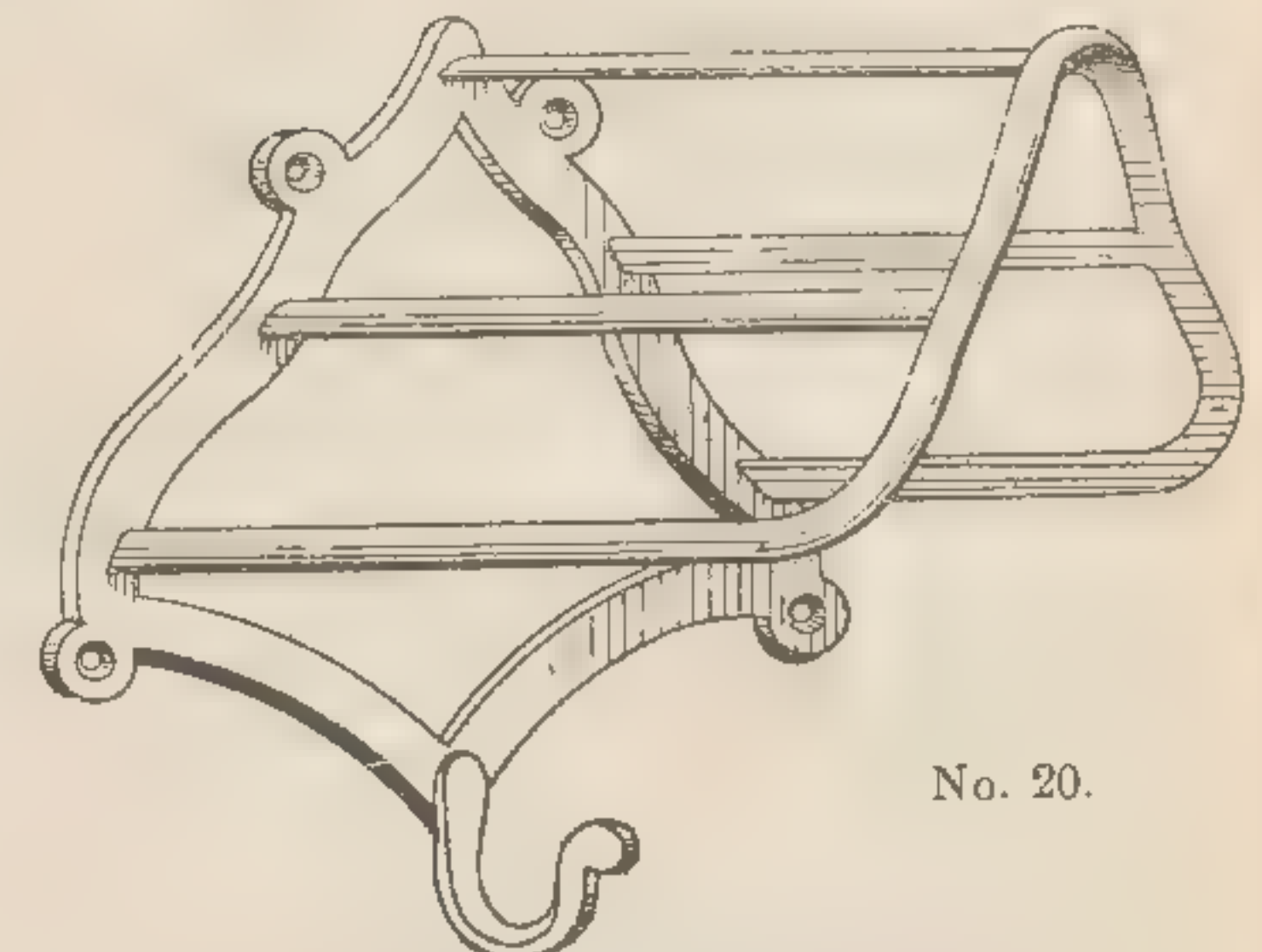
No. 16.
HARNESS HOOK.
3 inch.



No. 18
GIRTH HOOK. 1½ inch.



No. 19.
BRIDLE HOOK.
4 inch.

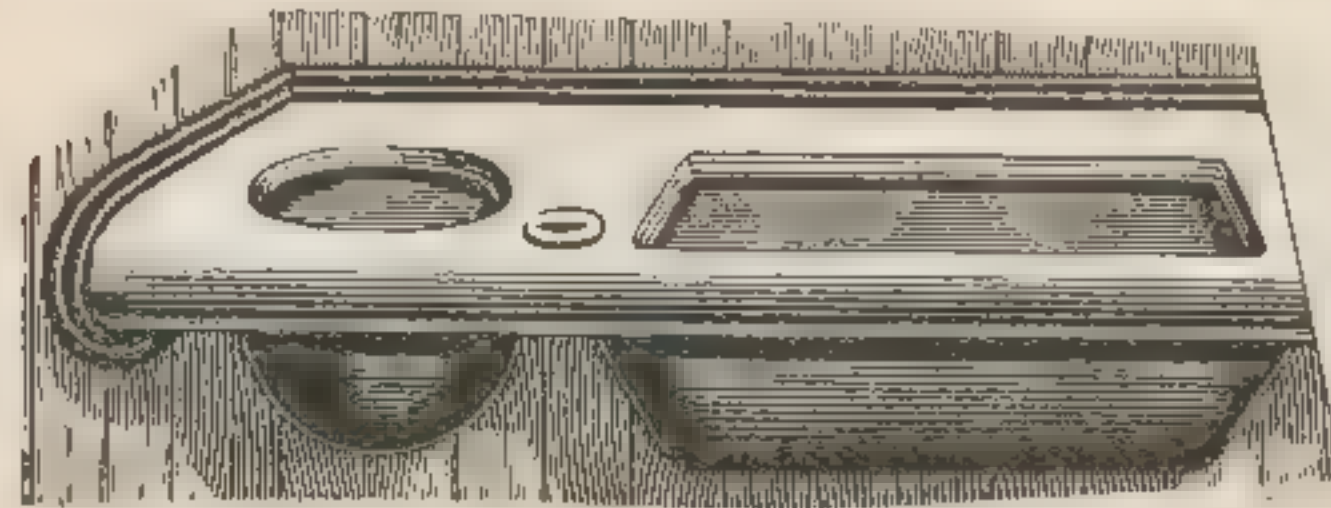


No. 20.
SINGLE HARNESS SADDLE BRACKET.
Width, 11in. Projects 7½in.

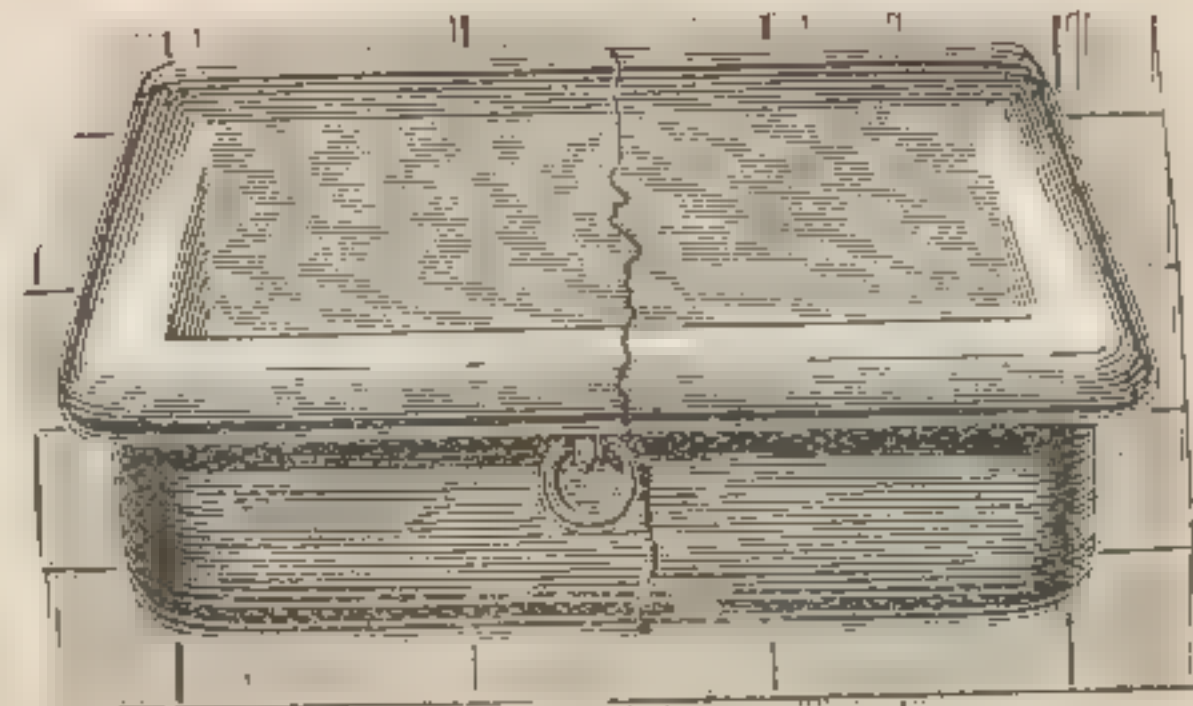
Stable Fittings.—Continued.



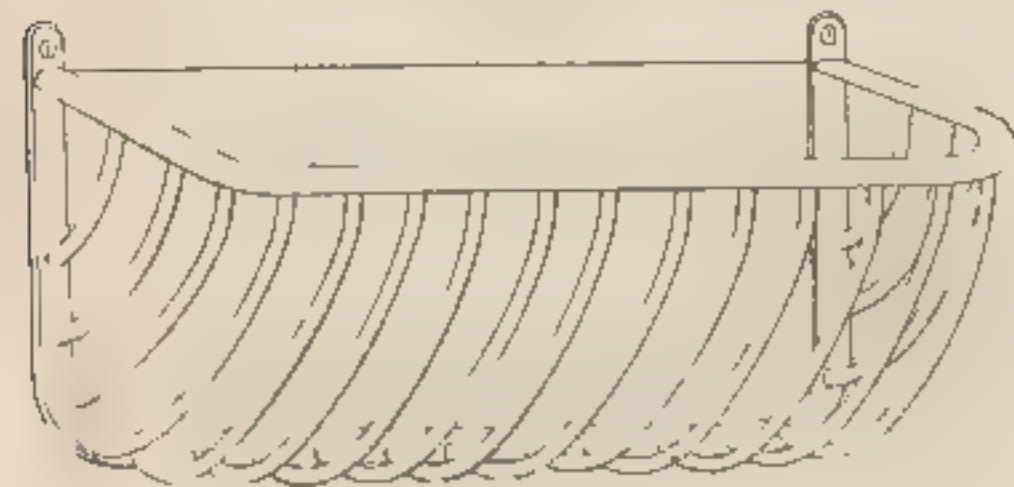
No. 21.
PATENT FEED-SAVING GALVANIZED MANGER



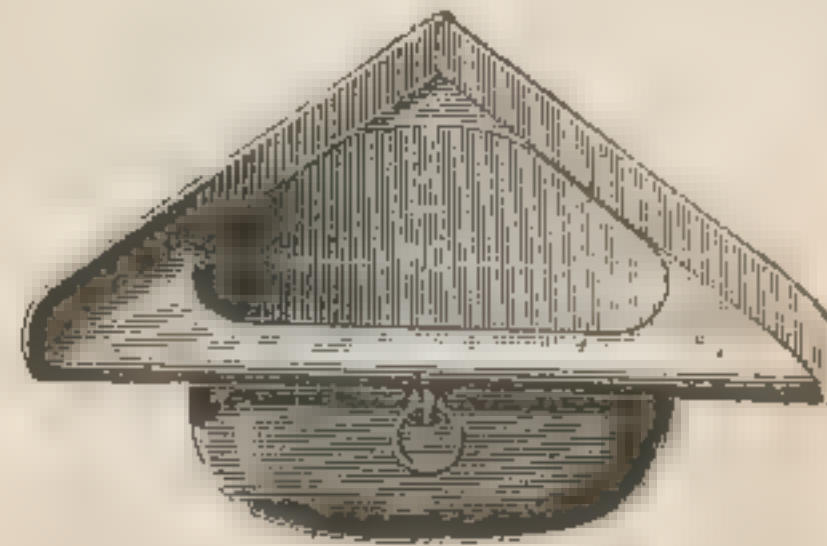
No. 22.
GRUEL POT AND MANGER.
Painted and Porcelain Enamel Iron.
42 inch overall.



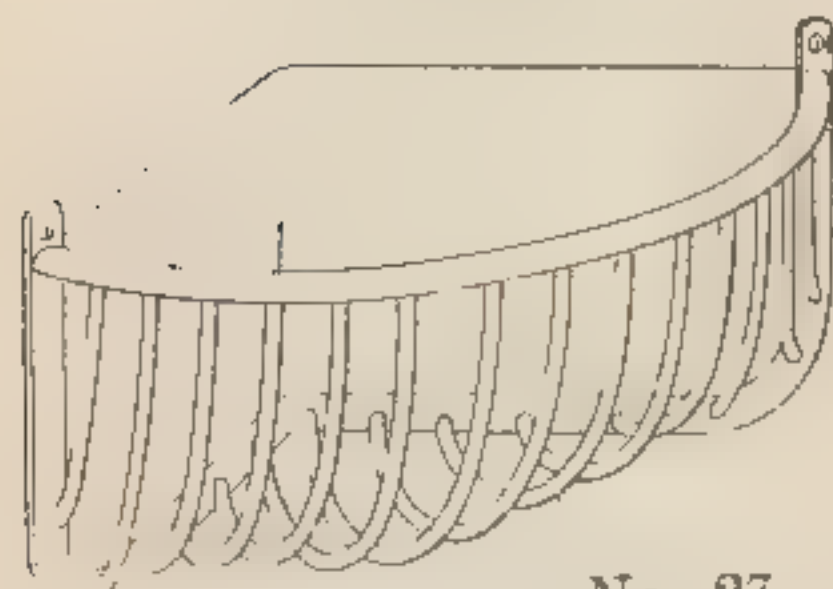
No. 23.
MANGER.
Painted and Porcelain Enamel Iron.
36in. overall.



No. 24.
SPONGE BASKET.
16 x 8 x 8.



No. 25.
ENAMELLED IRON CORNER MANGER.
37 inches overall.



No. 27.
CORNER SPONGE BASKET.
11½ x 11½ x 8.



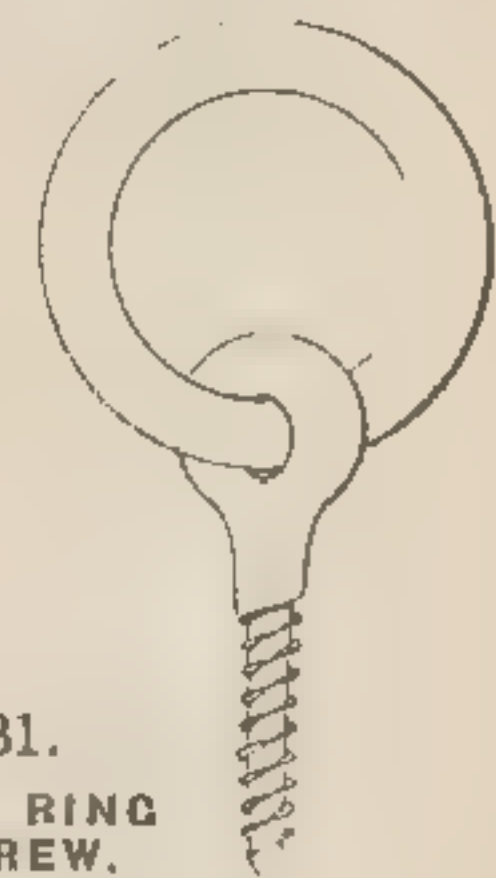
No. 28.
LIGNUM VITAE HALTER
BALL.



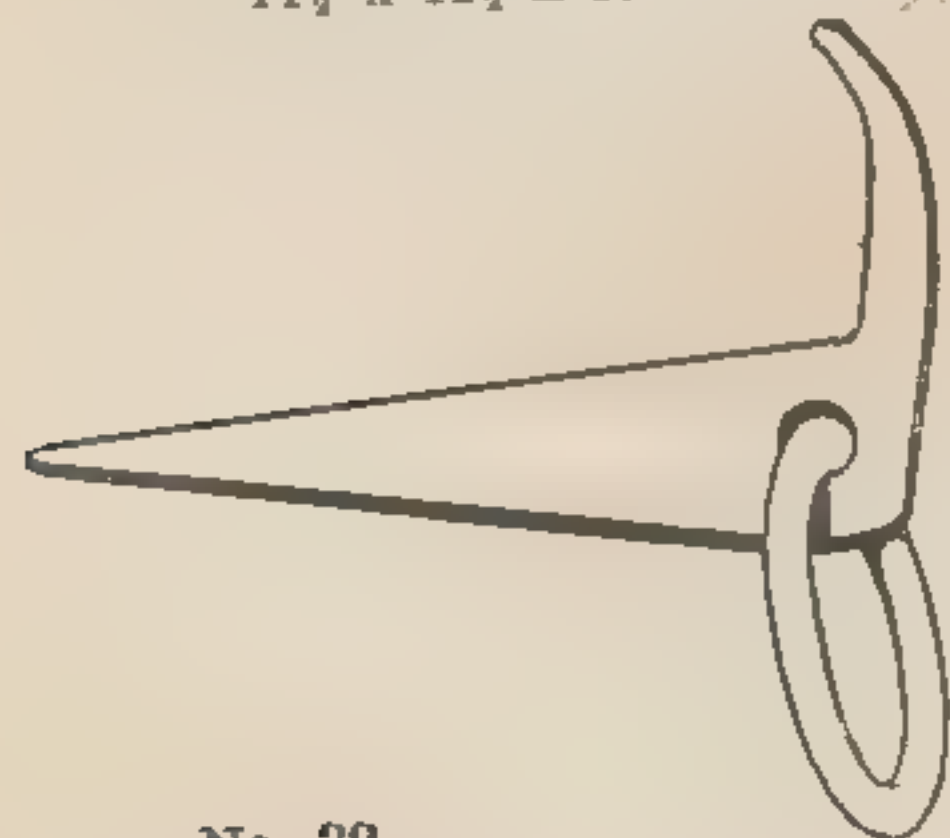
No. 29.
MAHOGANY WHIP HOLDER.
Single, Double, Treble.



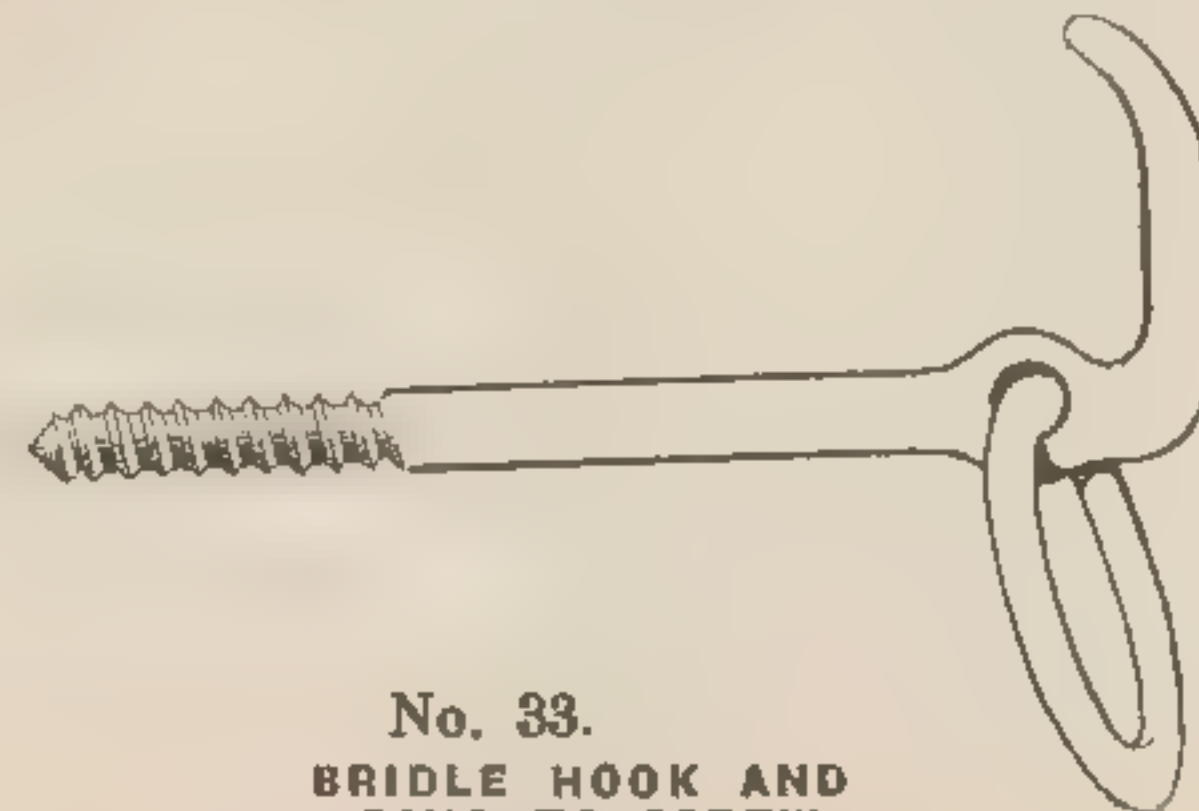
No. 30.
MANGER RING ON PLATE.



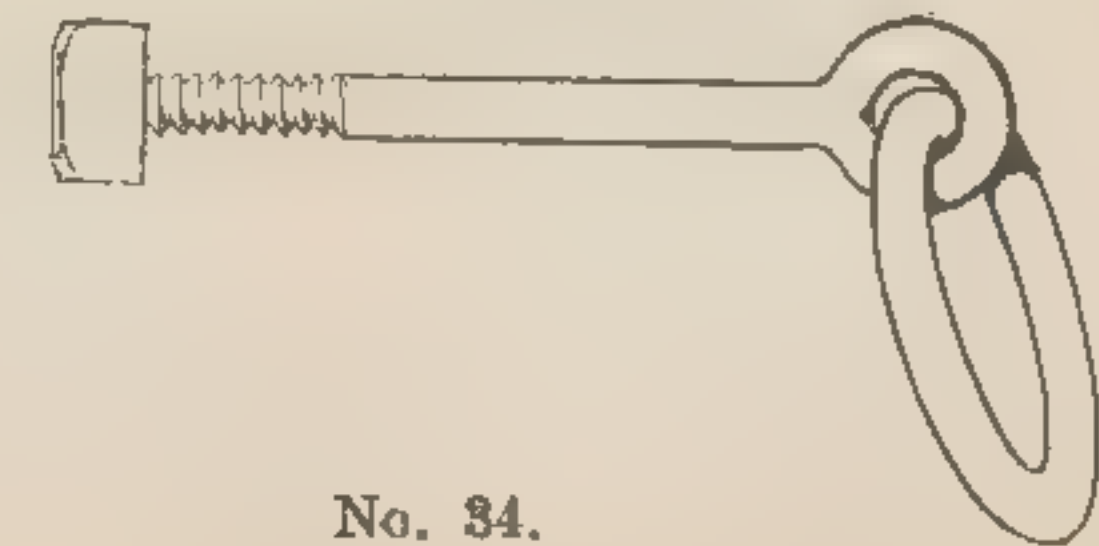
No. 31.
MANGER RING
TO SCREW.



No. 32.
BRIDLE HOOK AND RING TO DRIVE.

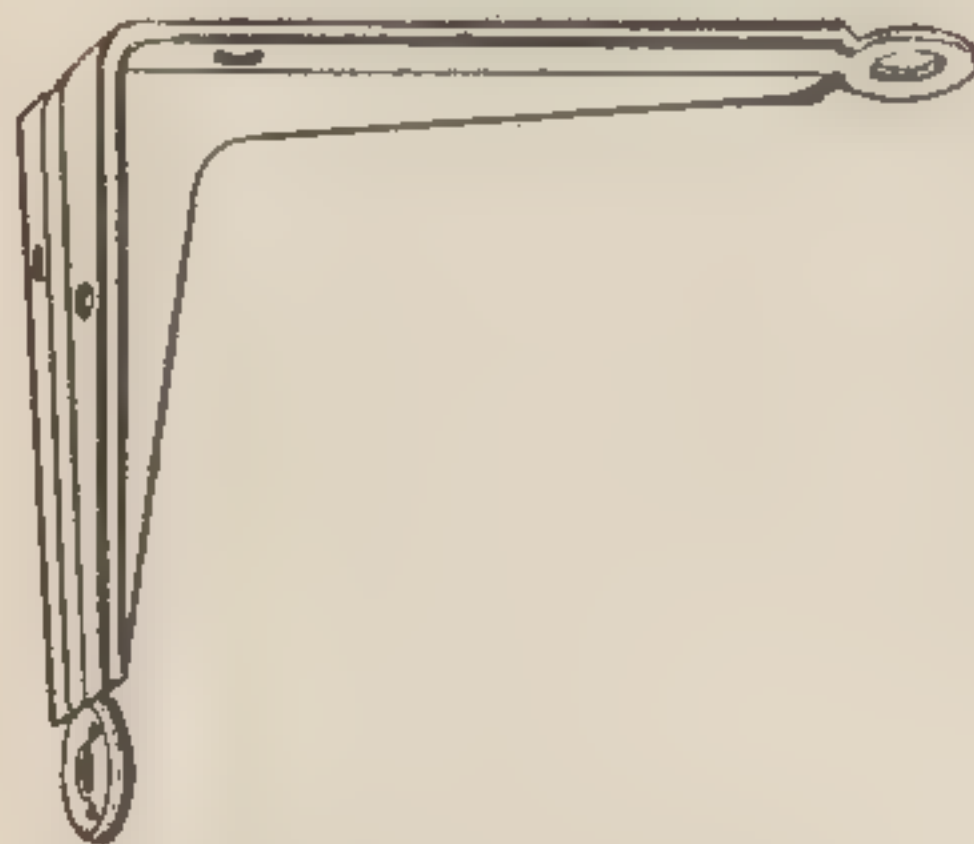


No. 33.
BRIDLE HOOK AND
RING TO SCREW.



No. 34.
MANGER RING TO BOLT.

Brackets and Castors.



JAPANNED STEEL BRACKET.
All sizes, from 4 x 3 to 16 x 18

BRASSED STEEL BRACKET.
All sizes, from 4 x 3 to 12 x 10.

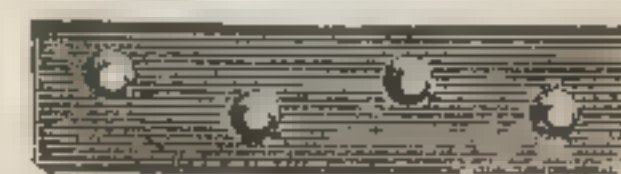


TINNED ANGLE BRACKET.

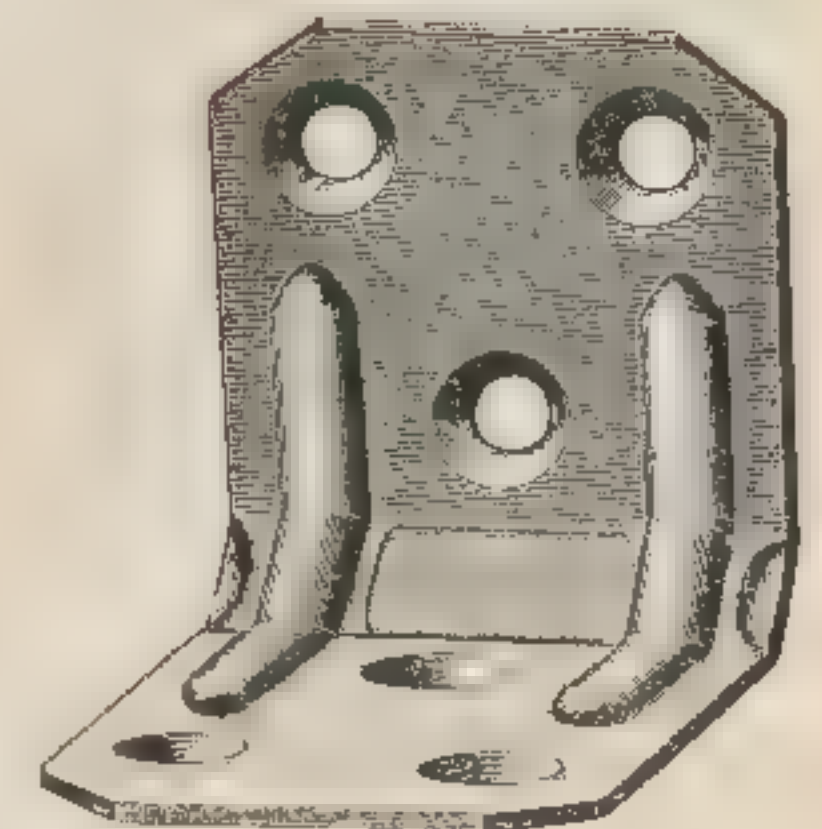
All sizes, from
3 x 2 to 14 x 12 inch.



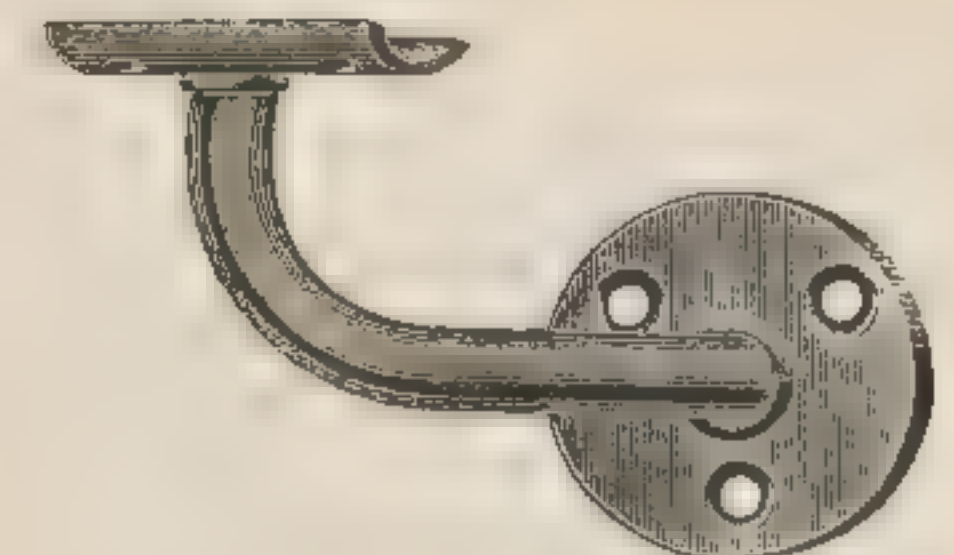
**No. 1.
CORNER BRACE.**
1 to 3 inch.



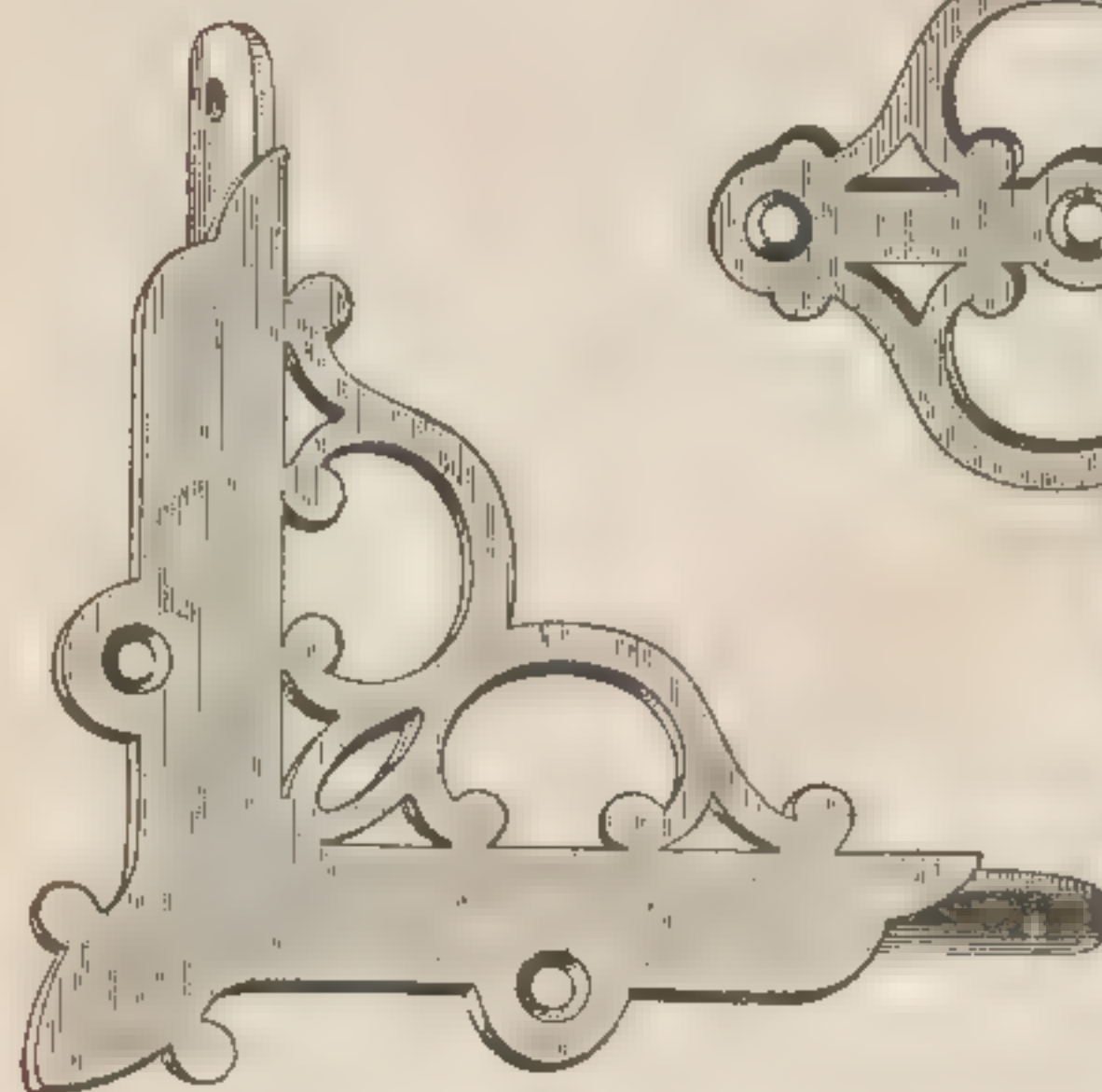
MENDING PLATE.
2, 3, 4 inch.



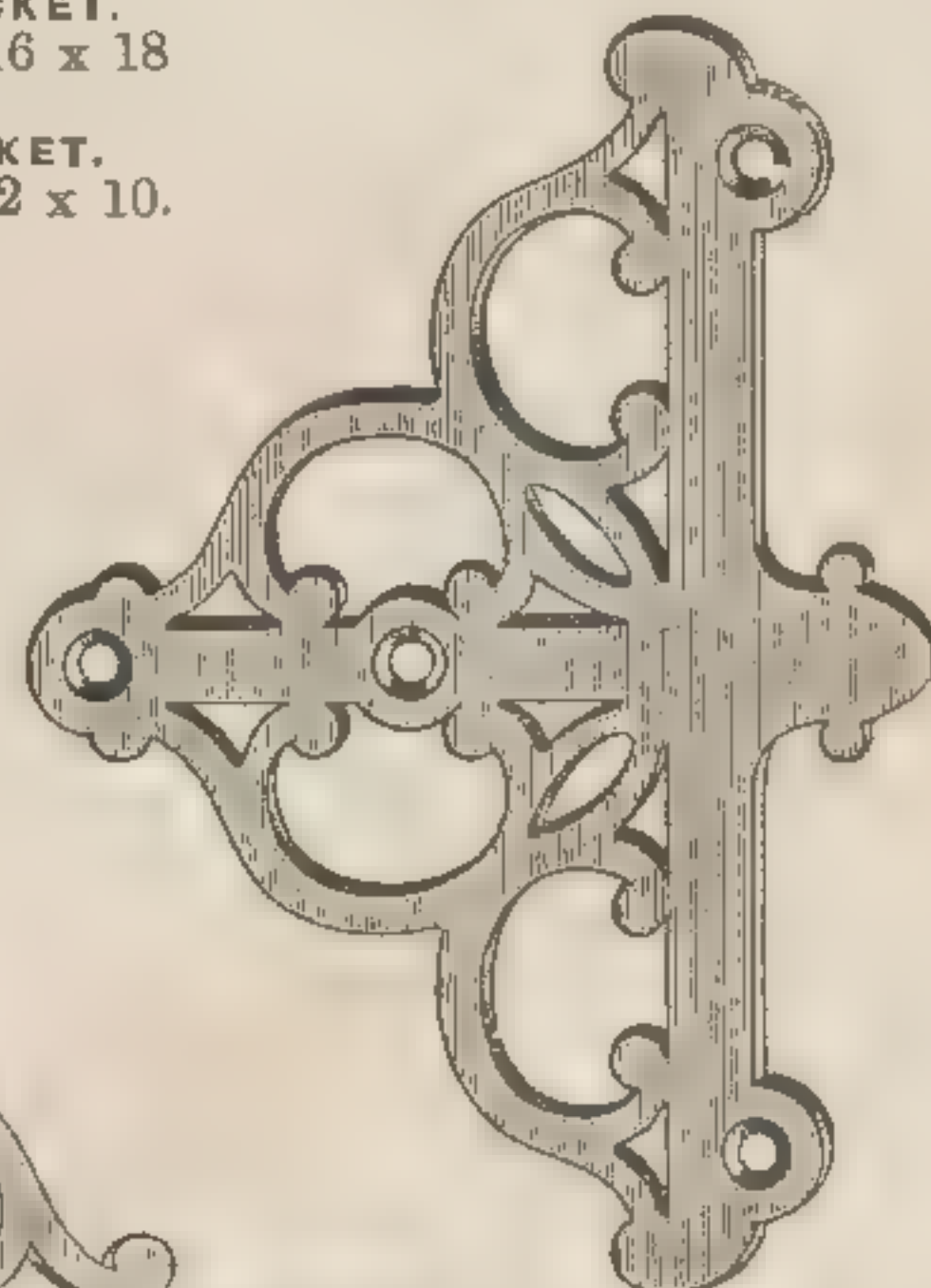
**No. 2.
CORNER BRACES.**



HAND RAIL BRACKET.
Japan'd Iron and Brass.



Corner.

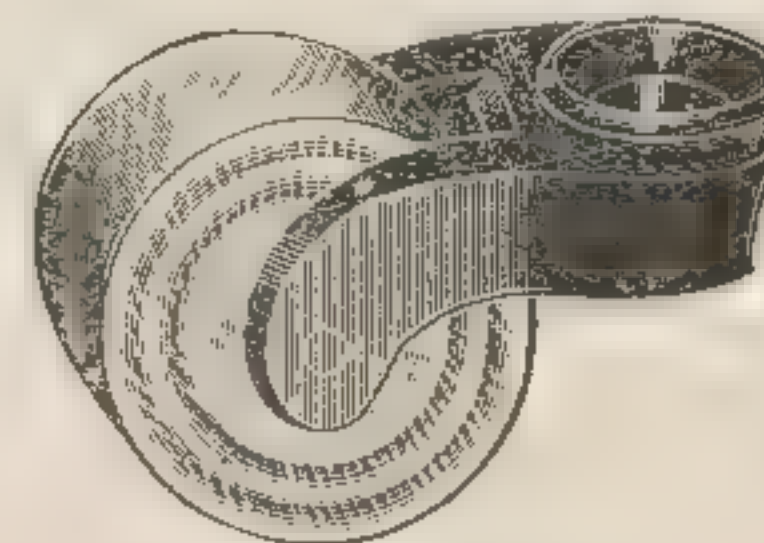


Centre.

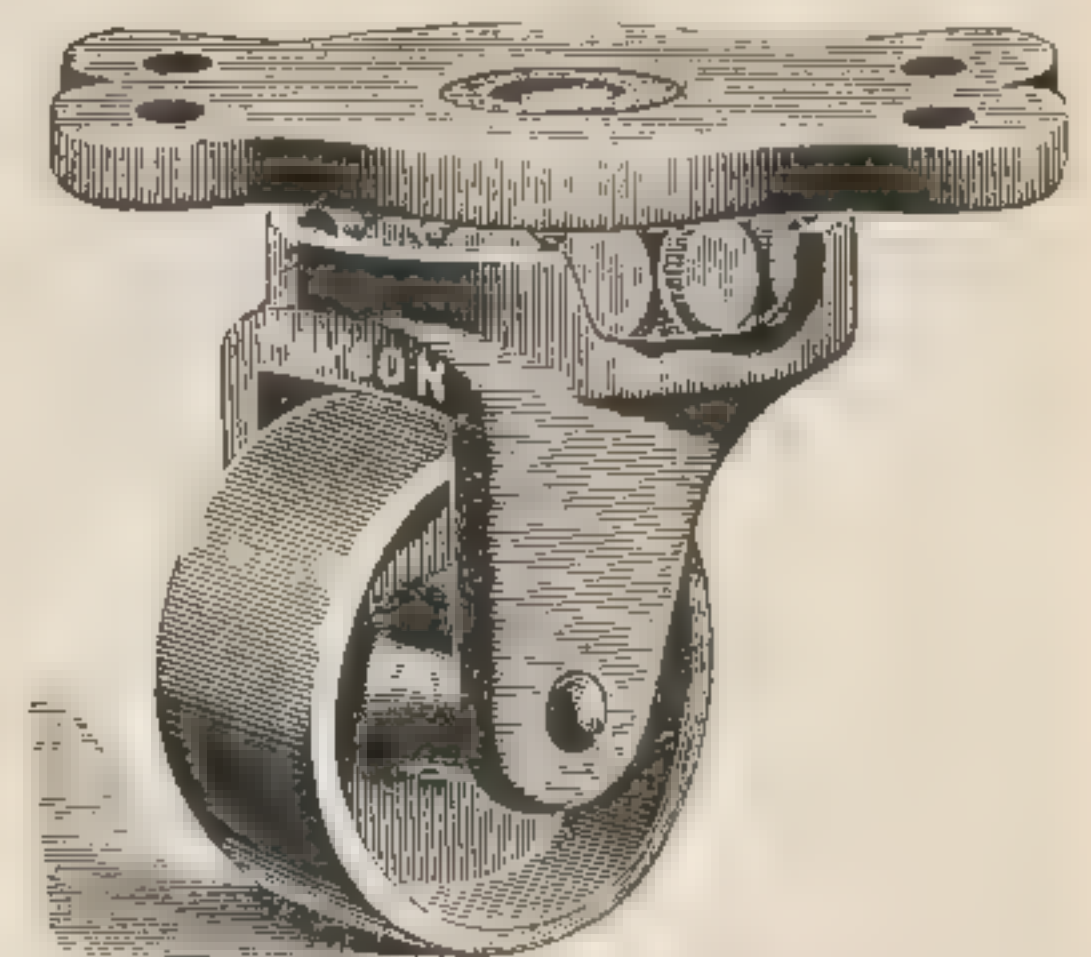
**BRACKETS FOR FRAMES OF GAUZE WIRE FLY
SCREEN DOORS,**
In Sets of 4 Corners and 2 Centres.



**BRACKET FOR FRAME OF GAUZE
WIRE WINDOW SCREENS,**
in Sets of 4.

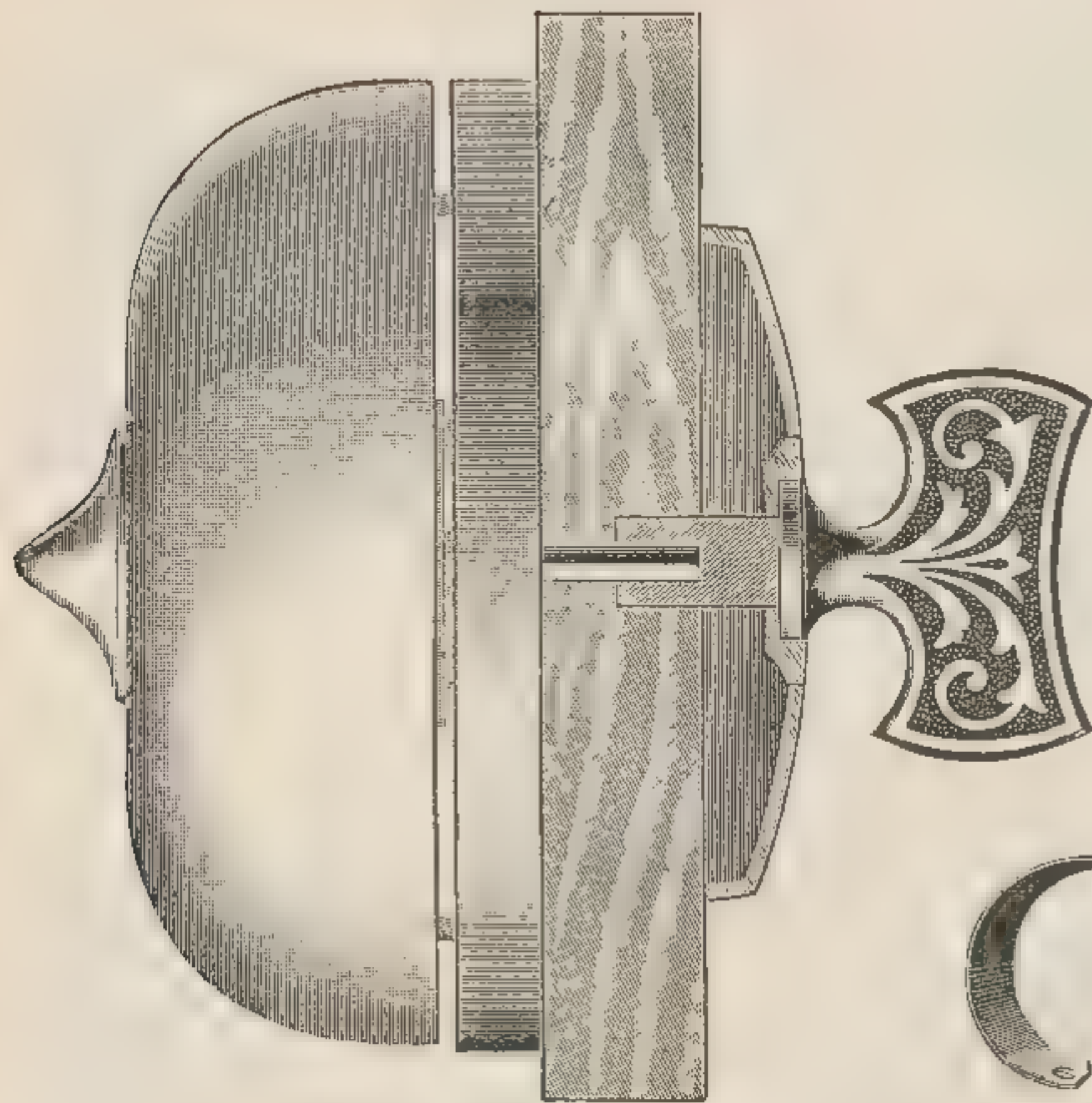


BEDSTEAD CASTOR.
Wood and China Rollers,
all sizes.



AMERICAN OBLONG PLATE CASTOR
With Roller Bearings, all sizes.

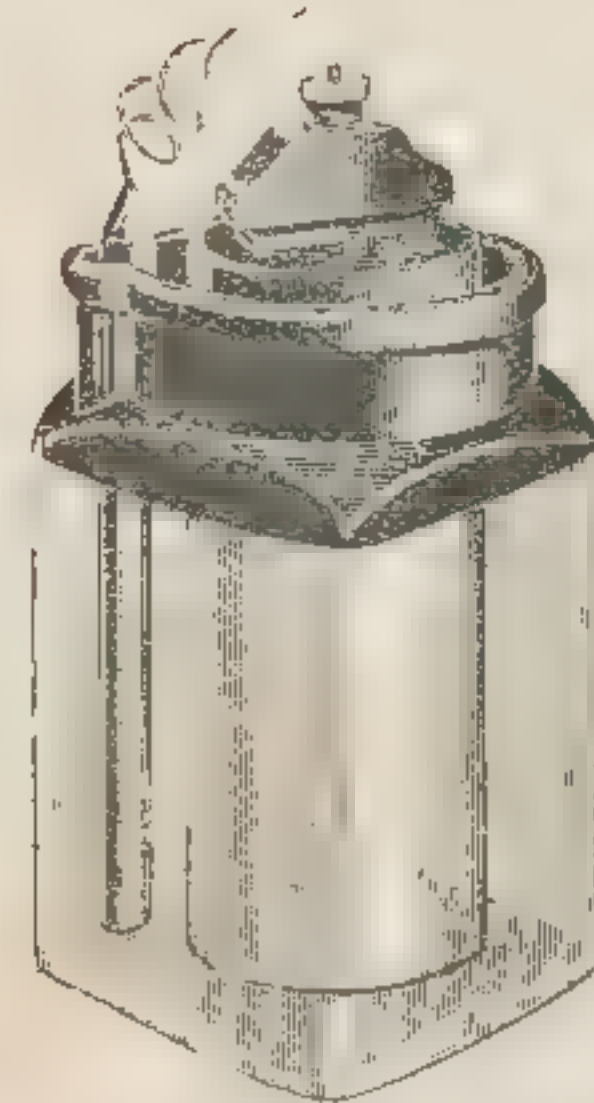
Bells.



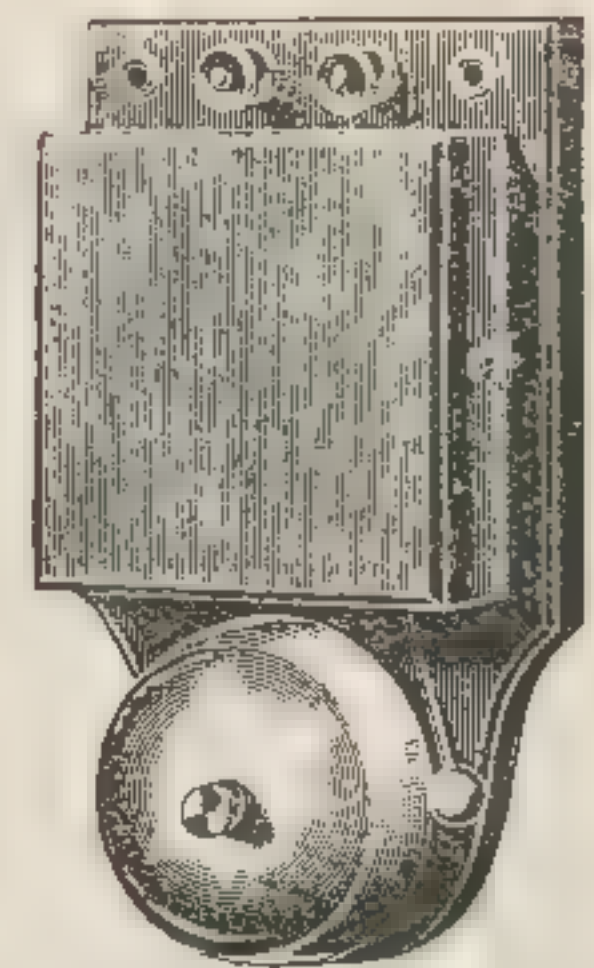
ROTARY DOOR BELL, TO TURN
Also, To Push In. Various designs



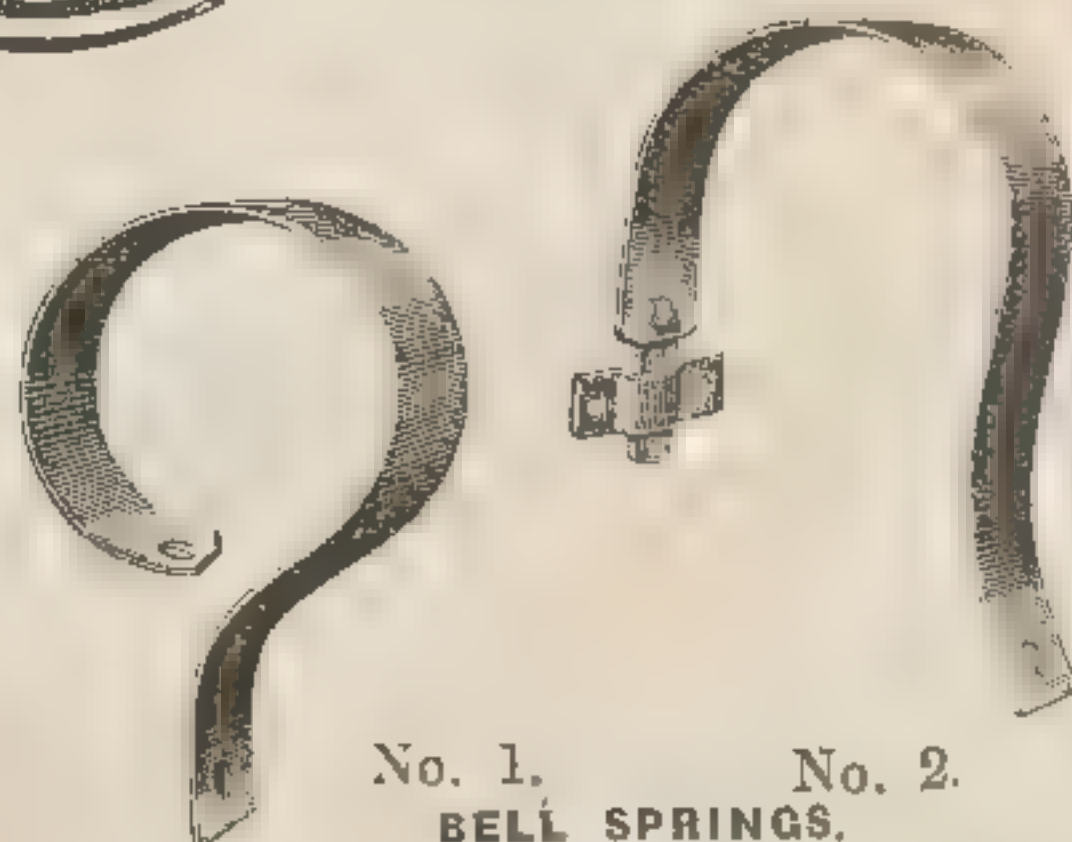
CAST HOUSE BELL.
10 and 14 ozs.



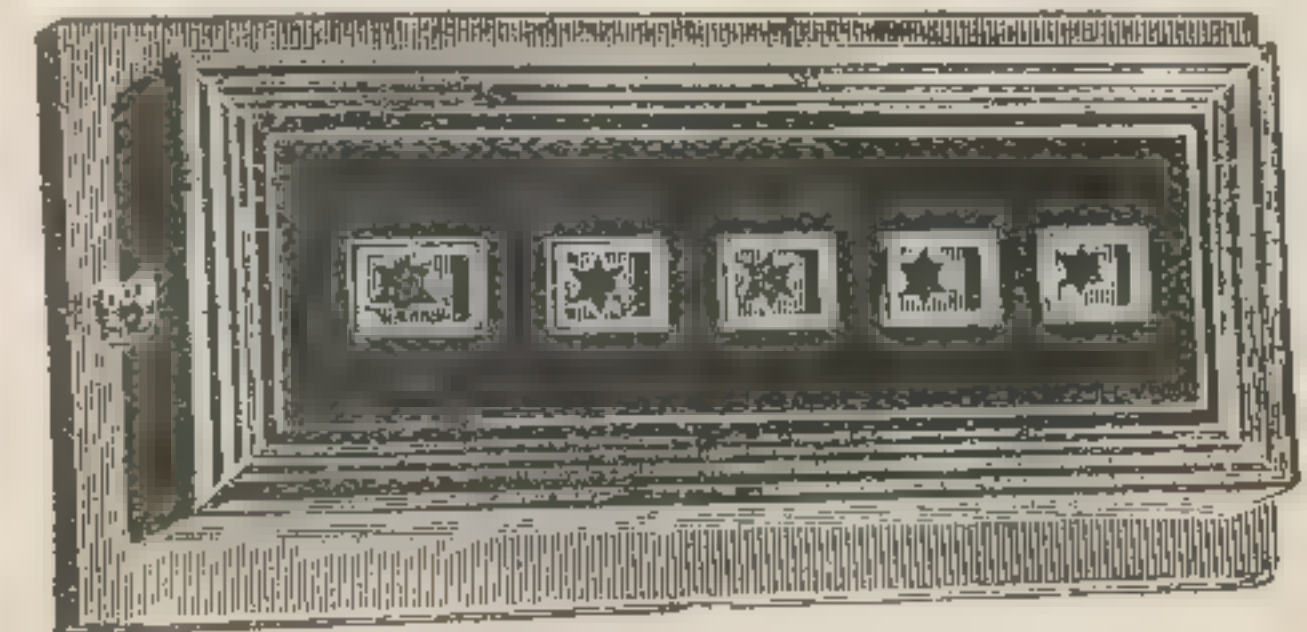
LE CLANCHE CELL.
Complete.



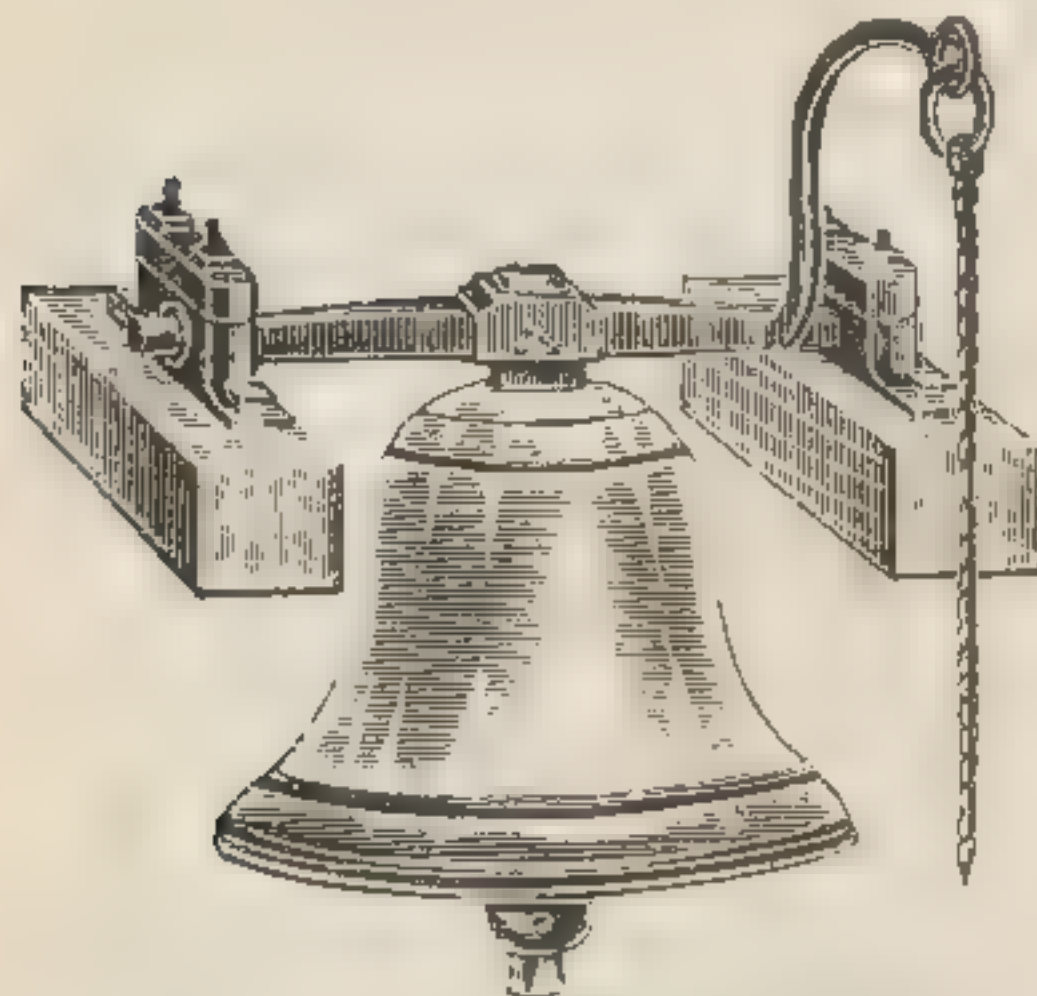
ELECTRIC HOUSE BELLS.
Complete, with Wire,
Battery, &c.



No. 1. No. 2.
BELL SPRINGS.



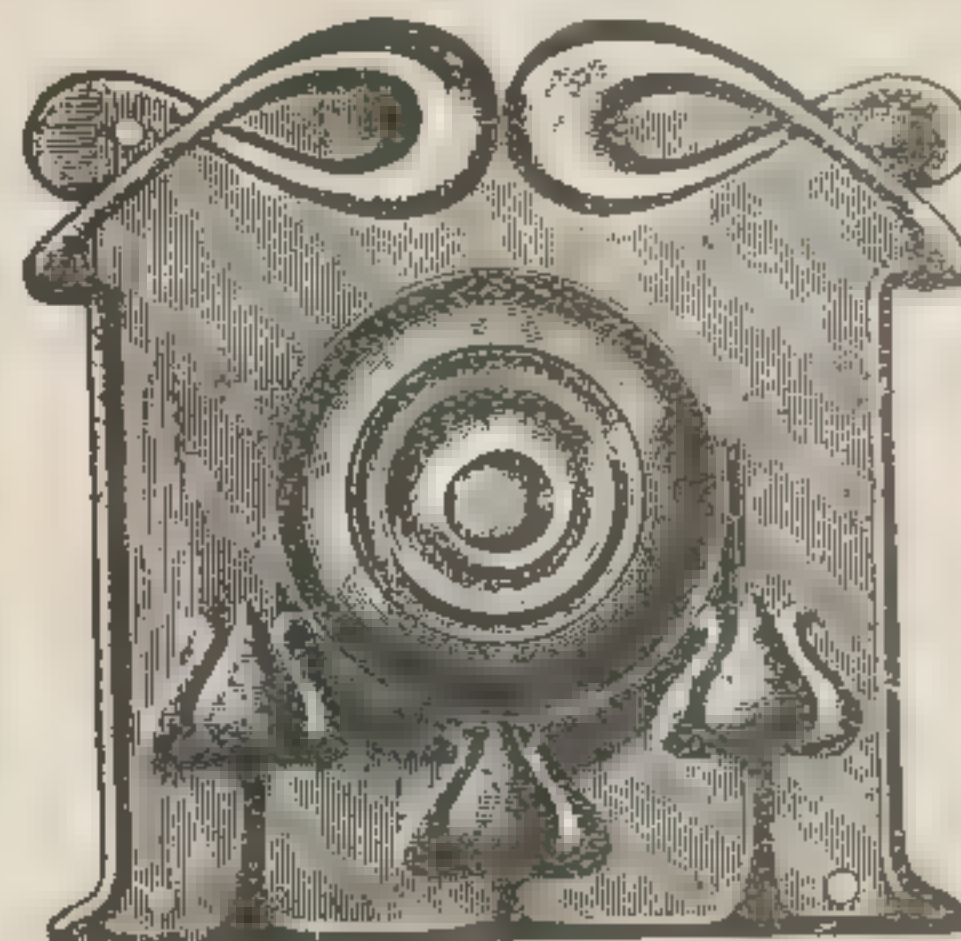
INDICATORS.
2 to 10 holes.



FARM OR SCHOOL BELL.
8, 10, 12, 14, 16, 18 inch.
9 1/2 21 40 70 104 146 lbs.
With or without Fittings.



No. 1.

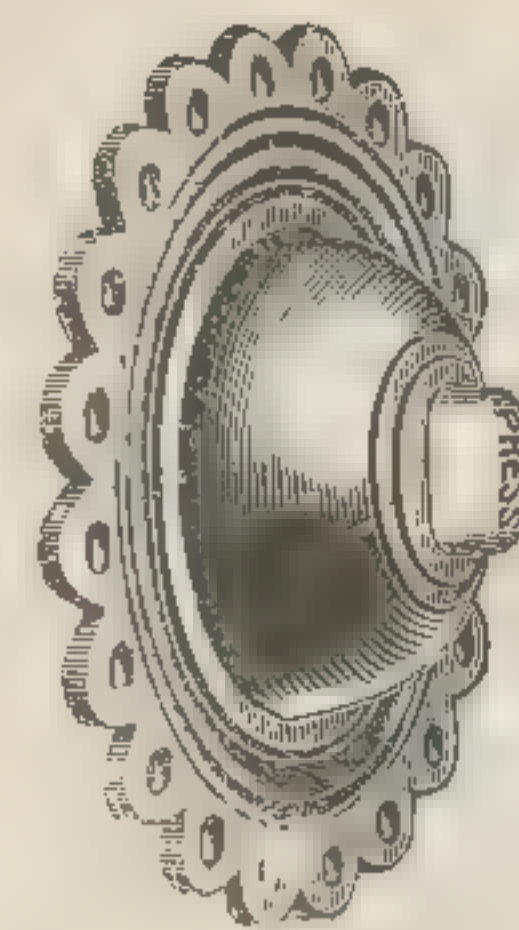


No. 2.

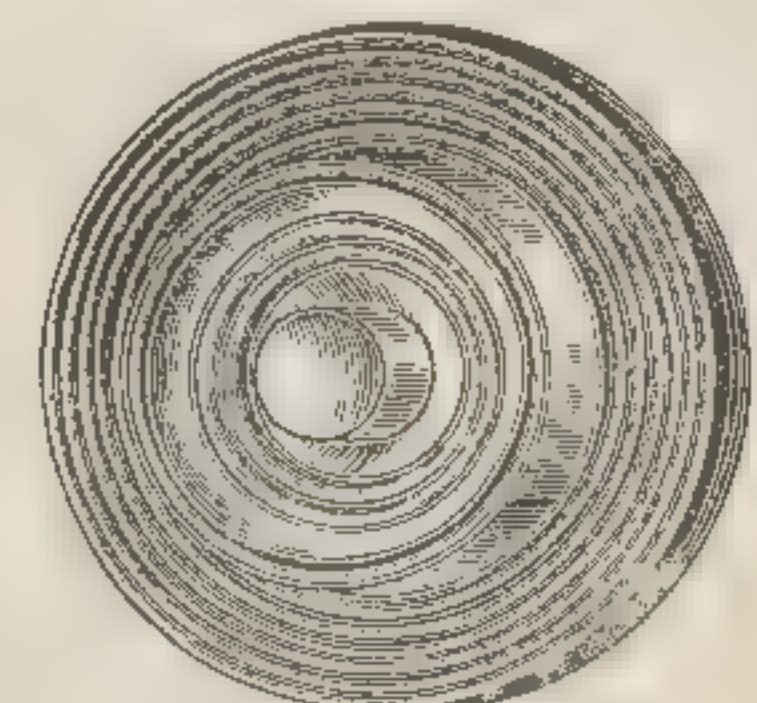
ELECTRIC PUSHES.

Various patterns, and to match all Lock Furniture.

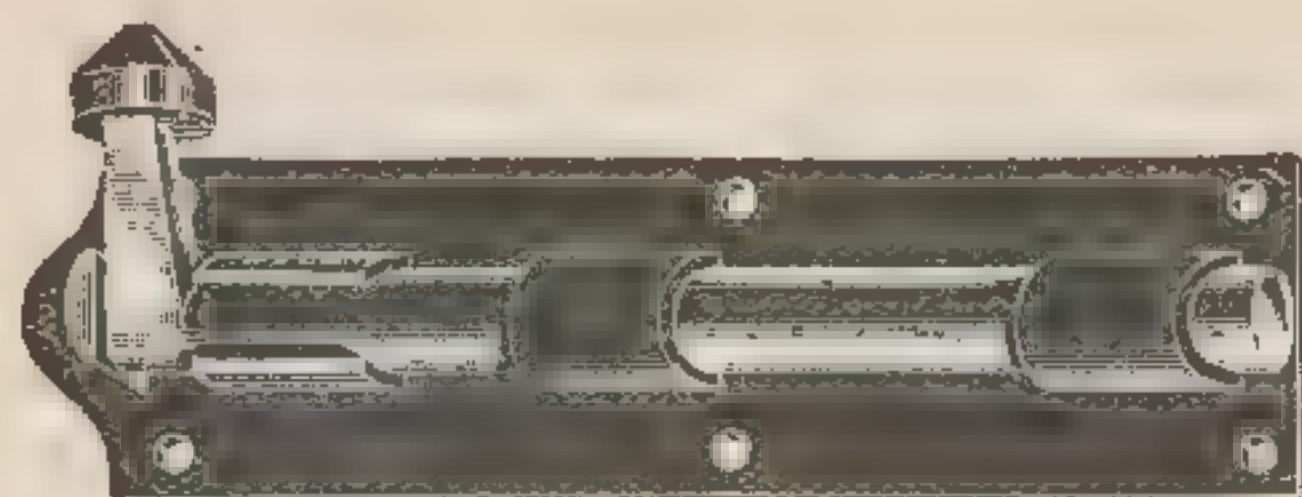
ZINGS, POROUS POTS, SALAMMONIAC STOCKED.



No. 3.



No. 4.



JAPANNED TOWER BOLT.
3 to 12 inch.



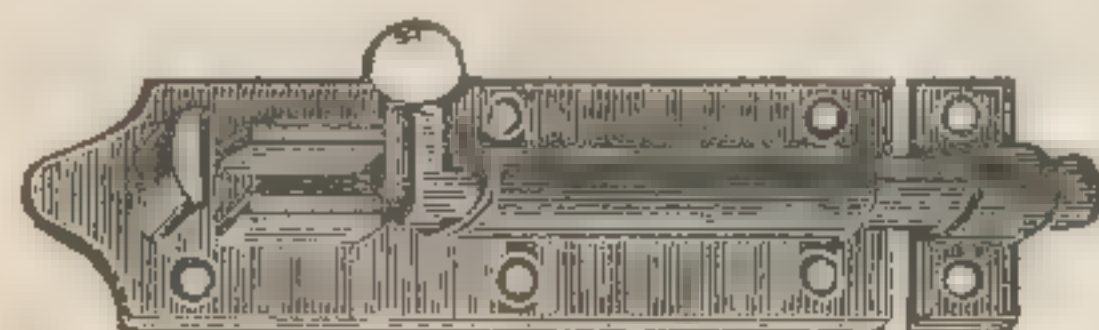
BANK'S PATENT TOWER BOLT,
Japanned and Galvanized, 4, 6, 8, 10 inch.



AMERICAN STEEL TOWER BOLT.
2, 3, 4 inch.

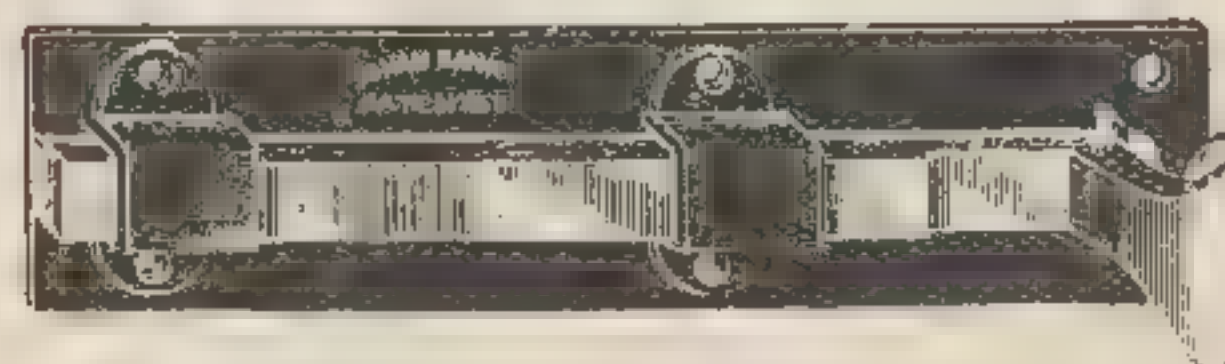


JAPANNED BARREL BOLT.
4 to 10 inch.

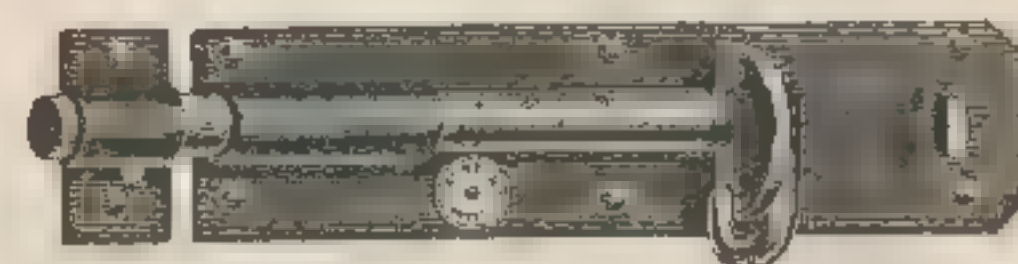


BRONZED BARREL BOLT.
3, 4, 5, 6, 7, 8 inch.

Iron Bolts.



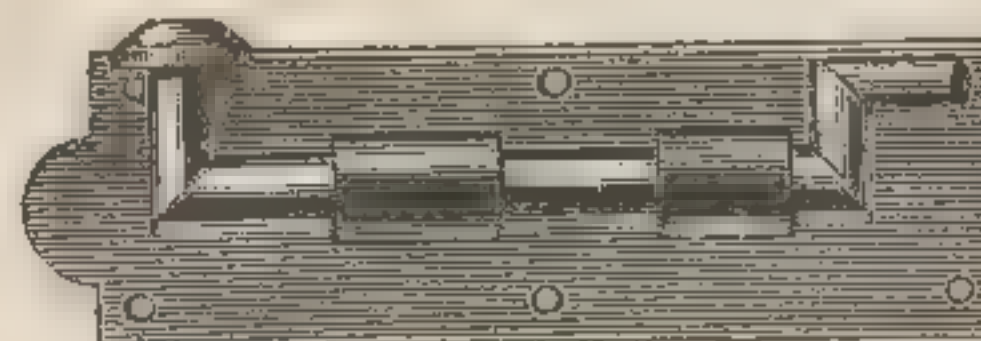
SQUARE SPRING BOLT.
12 inch.



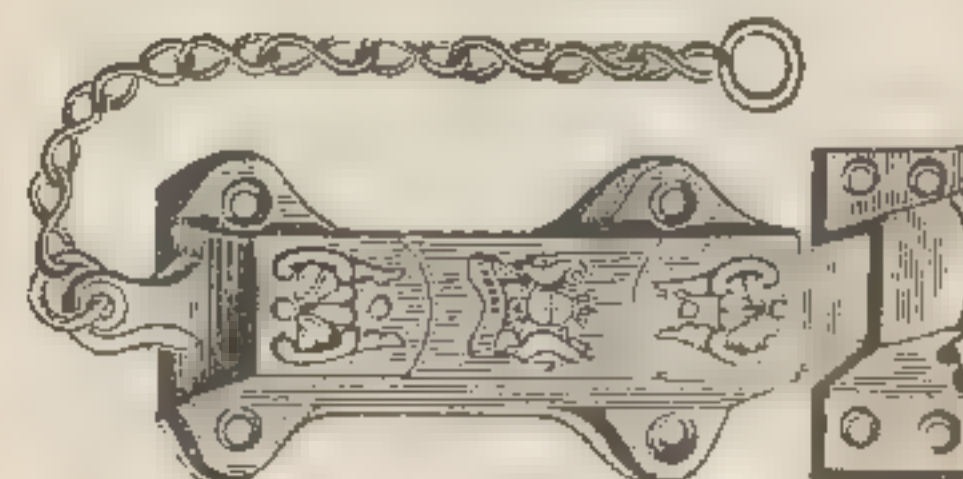
BRENTON'S PATENT PAD BOLT.
Galvanized 6, 8, 10, 12, 14 inch.



SQUARE NECK BOLT.
4 inch.



**JAPANNED AND GALVANIZED
NECKED TOWER BOLT.**
3, 4, 5, 6 inch.



BRONZED SPRING CHAIN BOLT.
4, 6, 8 inch.



**LONG TAIL
DOOR BOLT,
No. 1.**
18, 24, 30,
36 inch



**LONG TAIL
DOOR BOLT
No. 2.**
10, 16, 24 inch.



EYE BOLT, BLACK AND GALVANIZED.
4, 6 x $\frac{5}{8}$ inch.
1, 6 x $\frac{1}{2}$ inch.



AUSTRIAN CHAIR BOLT.
2 $\frac{1}{2}$ and 3 inch.

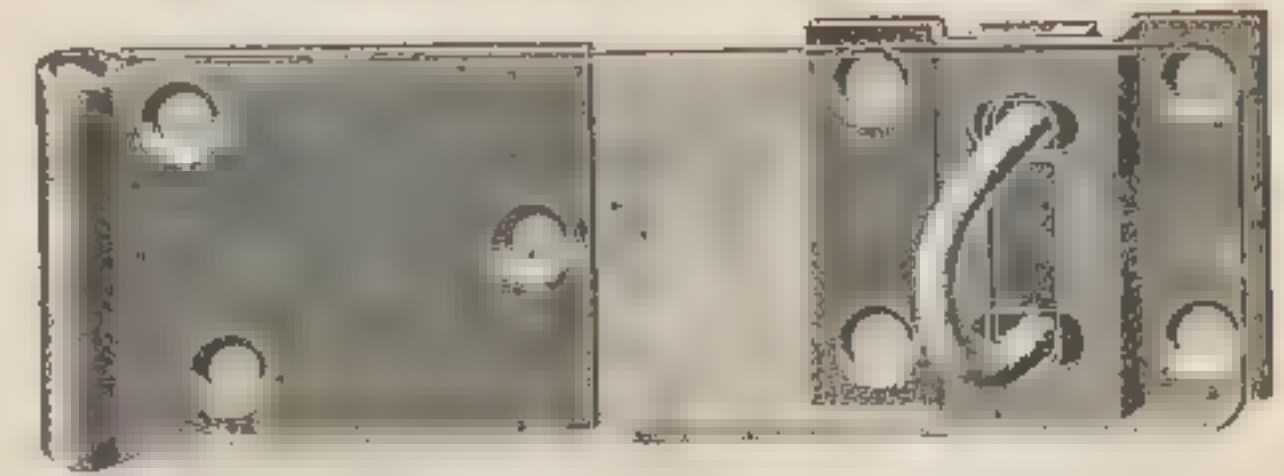
Hasps, Staples and Springs.



WROUGHT STEEL HASP AND STAPLE.
7 inch.



HEAVY HASP AND STAPLE.
Japanned, Galvanised, 10 to 18 inch.



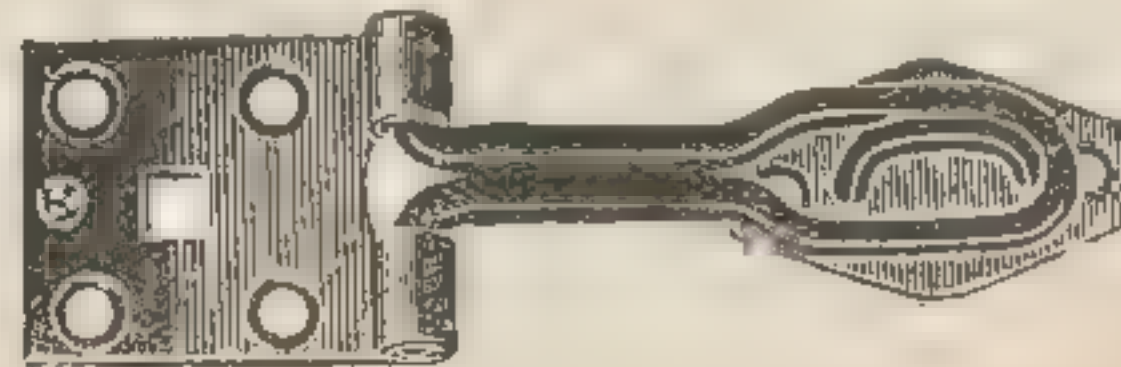
WROUGHT STEEL SAFETY HASP AND STAPLE.
3, 4 1/2 to 6 inch.



HALF STAPLE.



WHOLE STAPLE.



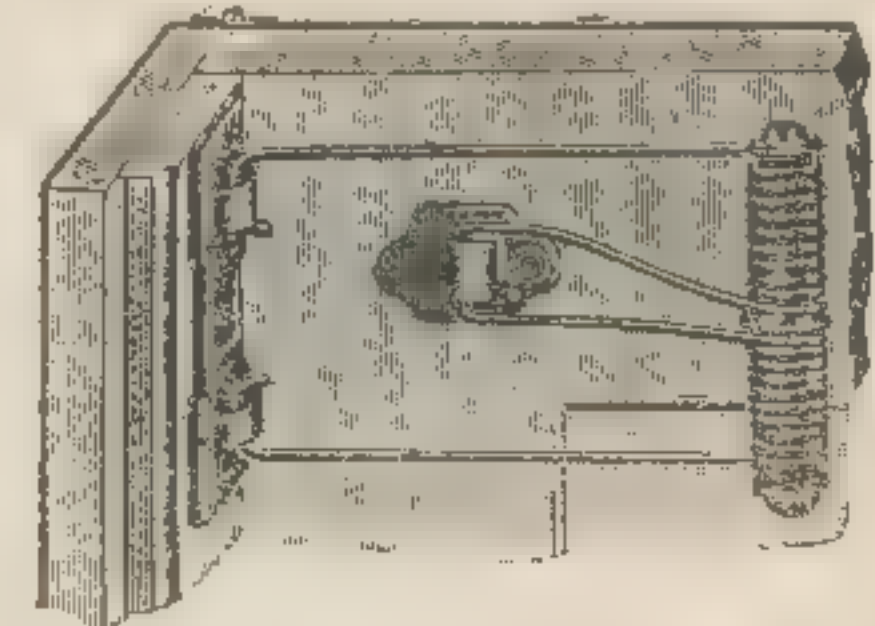
MARTINEAU HASP AND STAPLE.
Japanned 3 1/2, 4, 5, 5 1/2, 6, 7 1/2 inch.
Galvanized ditto.
Measurement overall.



GOTHIC HASP AND STAPLE.
Japanned and Galvanised. 9 inches.



HASP AND STAPLE, TO SCREW.
Also to drive.



WARNER DOOR SPRING.



THE GEM SPIRAL SPRING. No. 0, also, THE PREMIUM, No. 3.
Extra Strong.



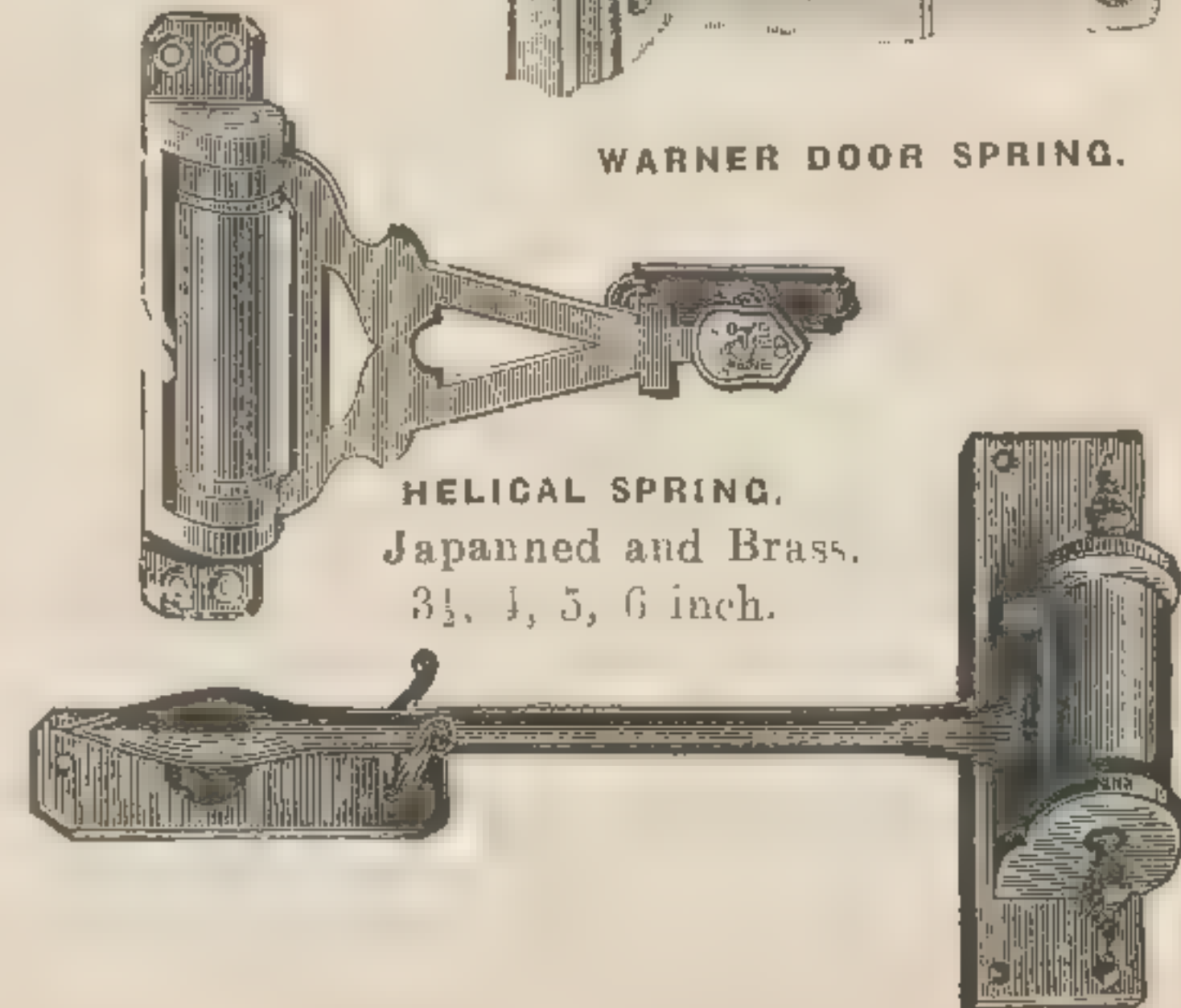
No. 1.
THE SPIRAL SPRING.
Nos. 4, 5, 6, 7.



No. 2.
THE SPIRAL SPRING.
Nos. 4, 5, 6, 7.



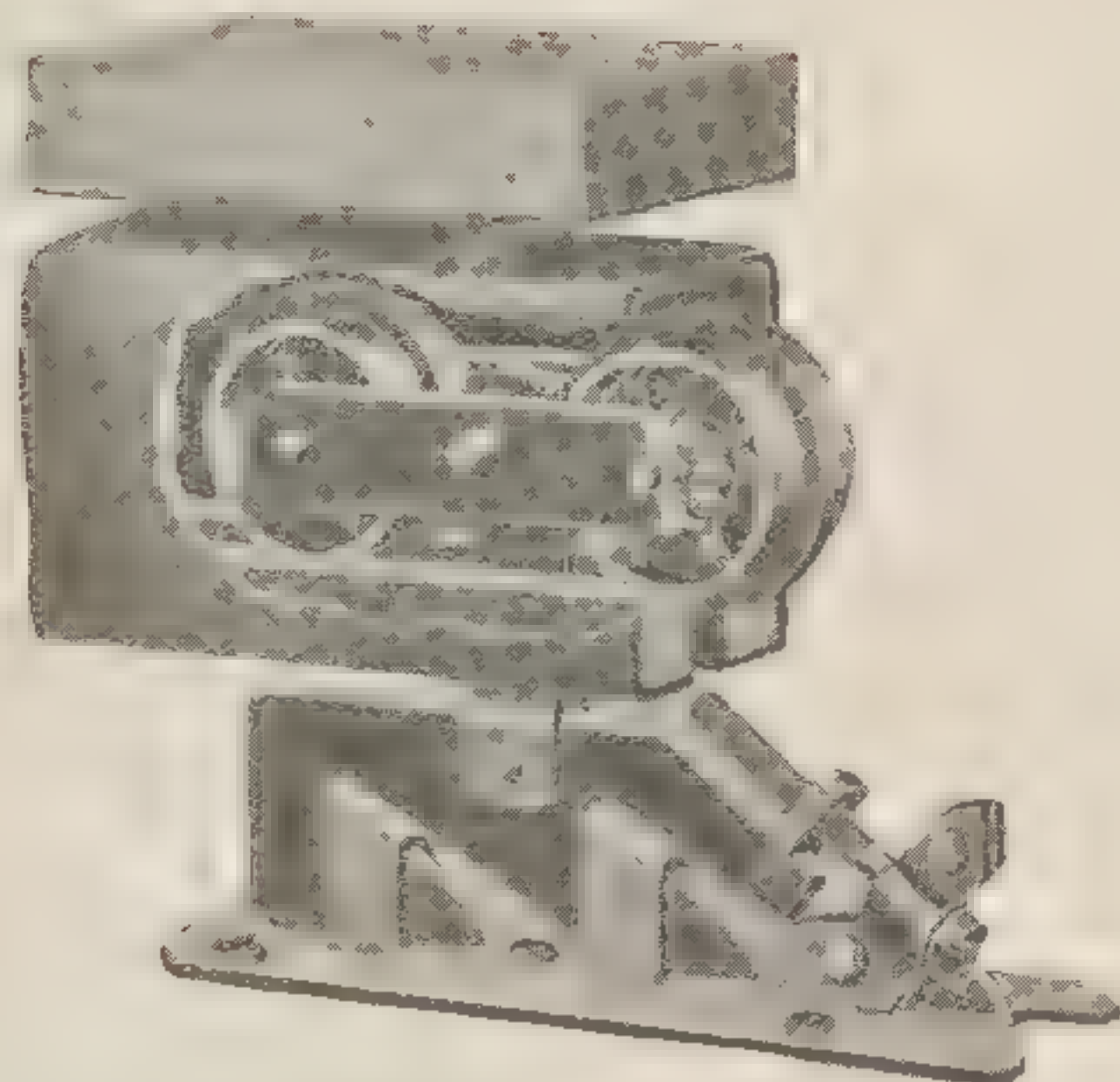
THE TORRY GATE SPRING.
36, 48 inch



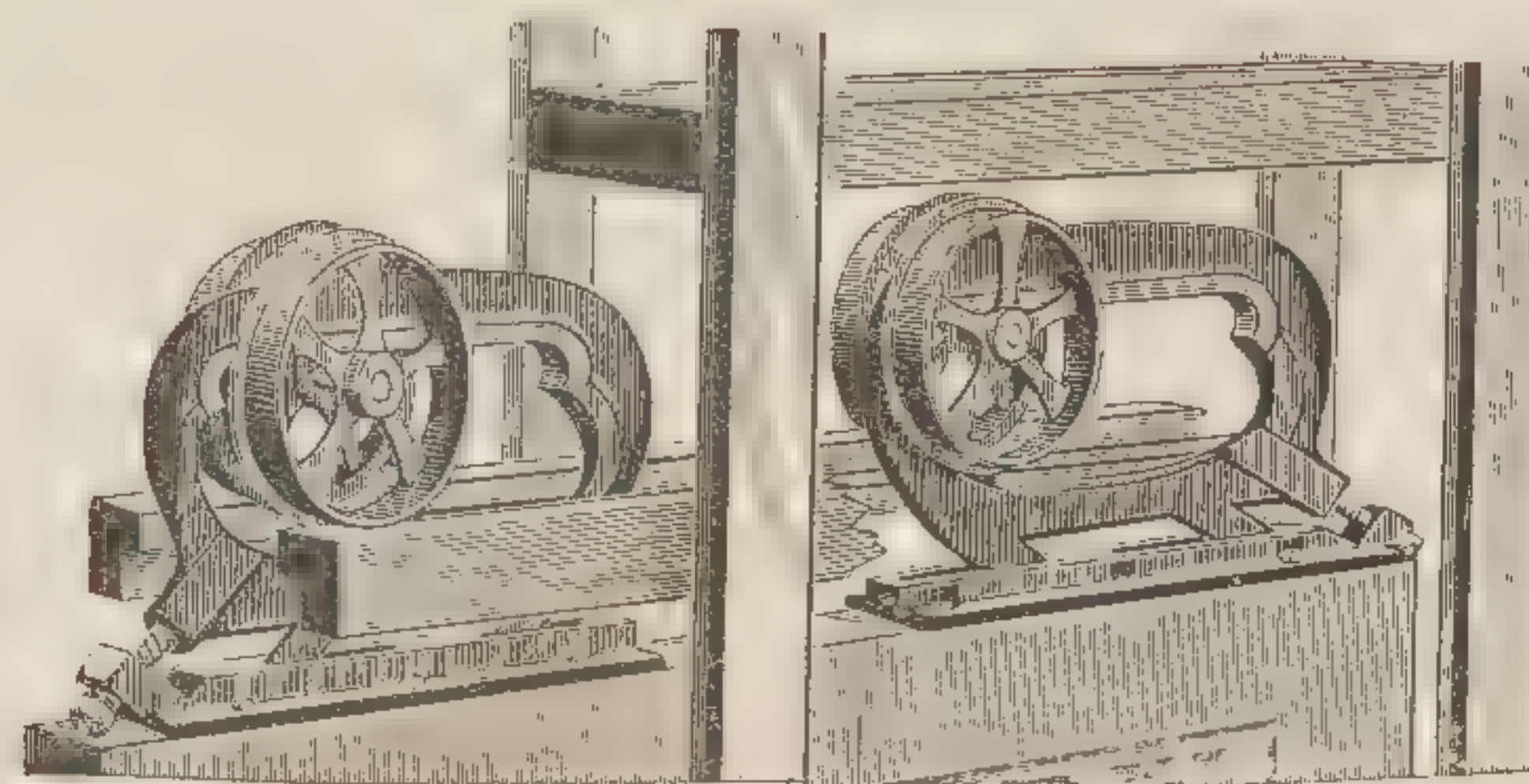
HELICAL SPRING.
Japanned and Brass.
3 1/2, 4, 5, 6 inch.

LONG TAIL DOOR SPRING.
12, 14, 16, 18, 20 inch.

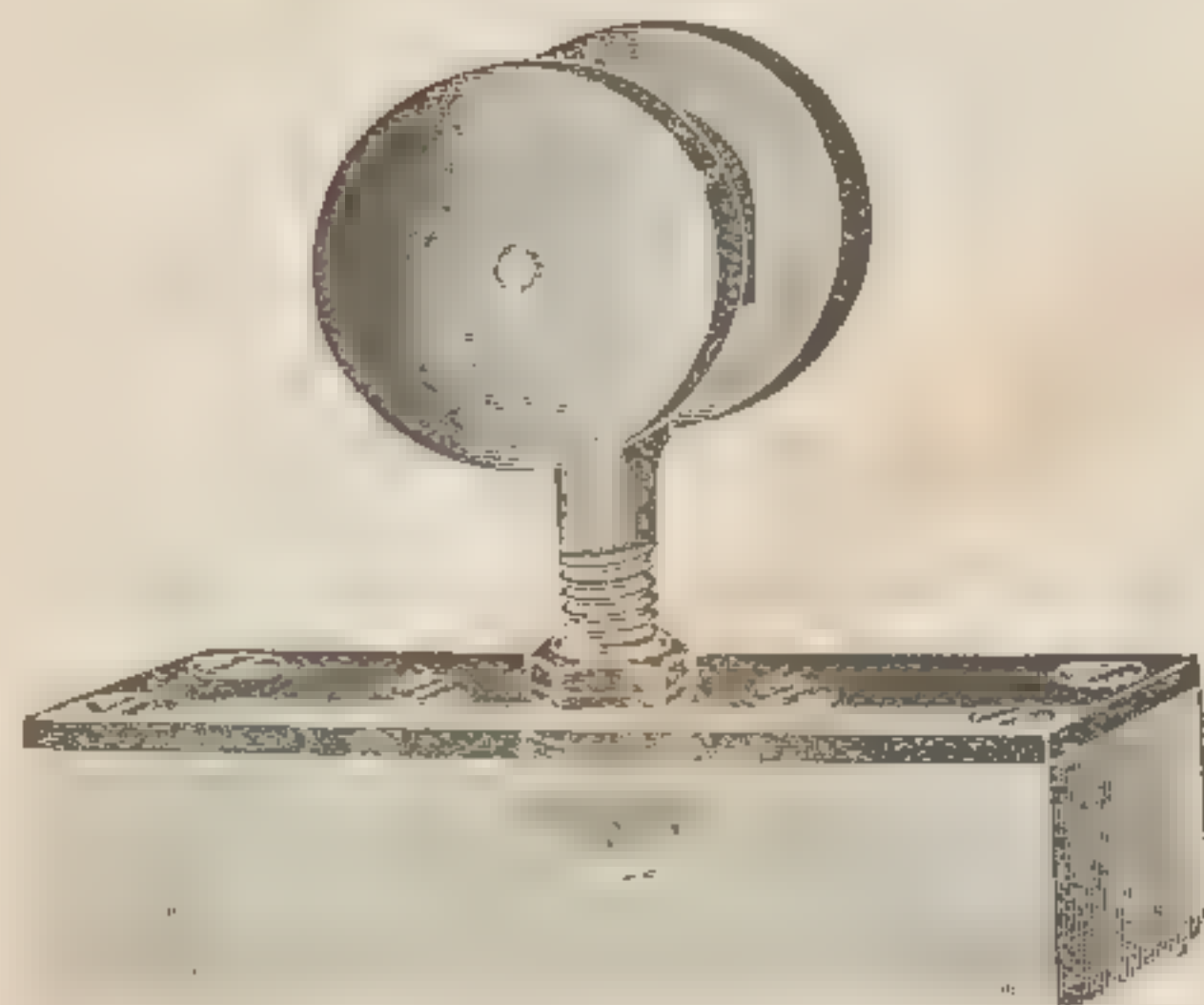
Door Hangers.



No. 1.
RICHARD'S PARLOUR DOOR HANGER,
For all size openings.



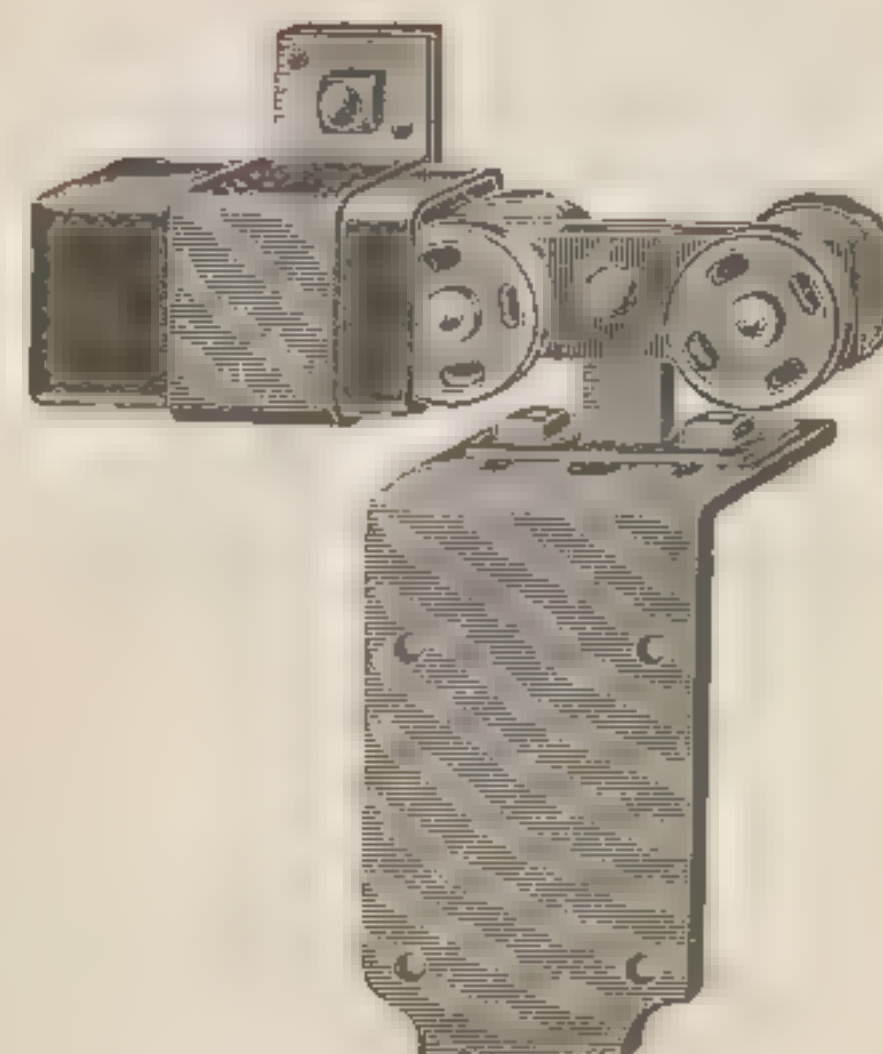
No. 2.
RICHARD'S PATENT SLIDING DOOR HANGERS,
For internal use.
Locks for above, see page 129.



ACCORDEON DOOR HANGER,
For all size openings



SECTION OF TRACK
For Richards' Door
Hangers.

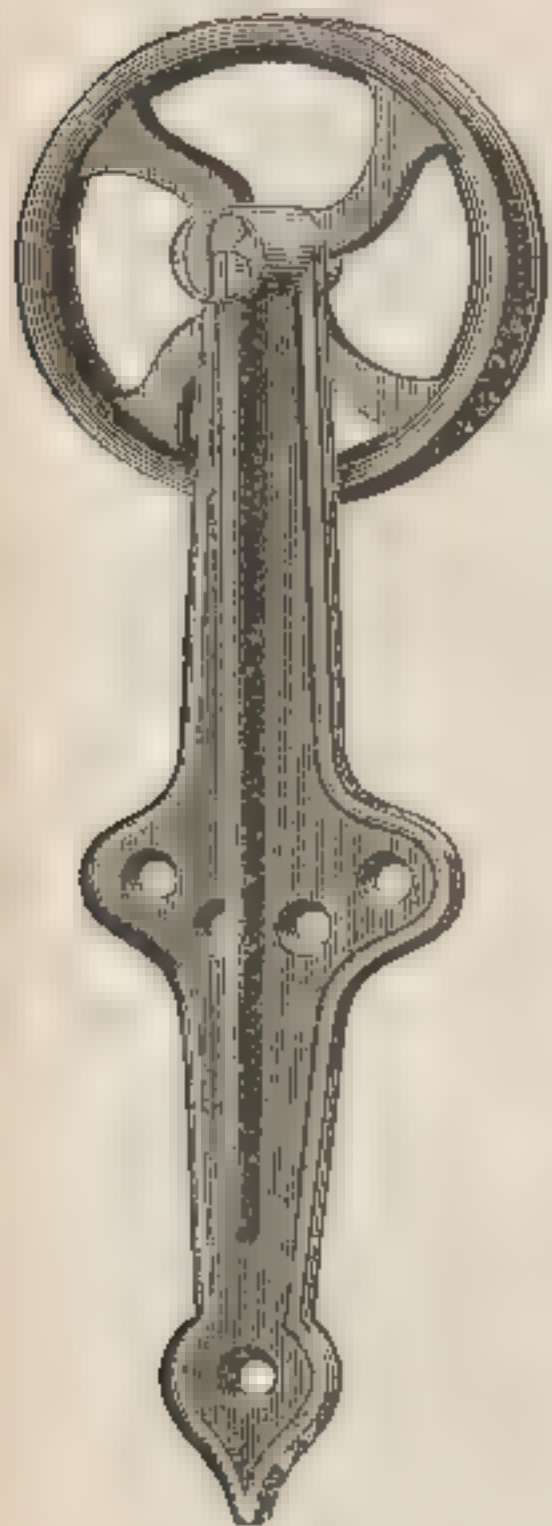


RICHARD'S STORE DOOR HANGERS,
For doors from 300 to 1,000 lbs. weight.



RICHARD'S DOOR HANGERS,
For Lift Doors, etc.

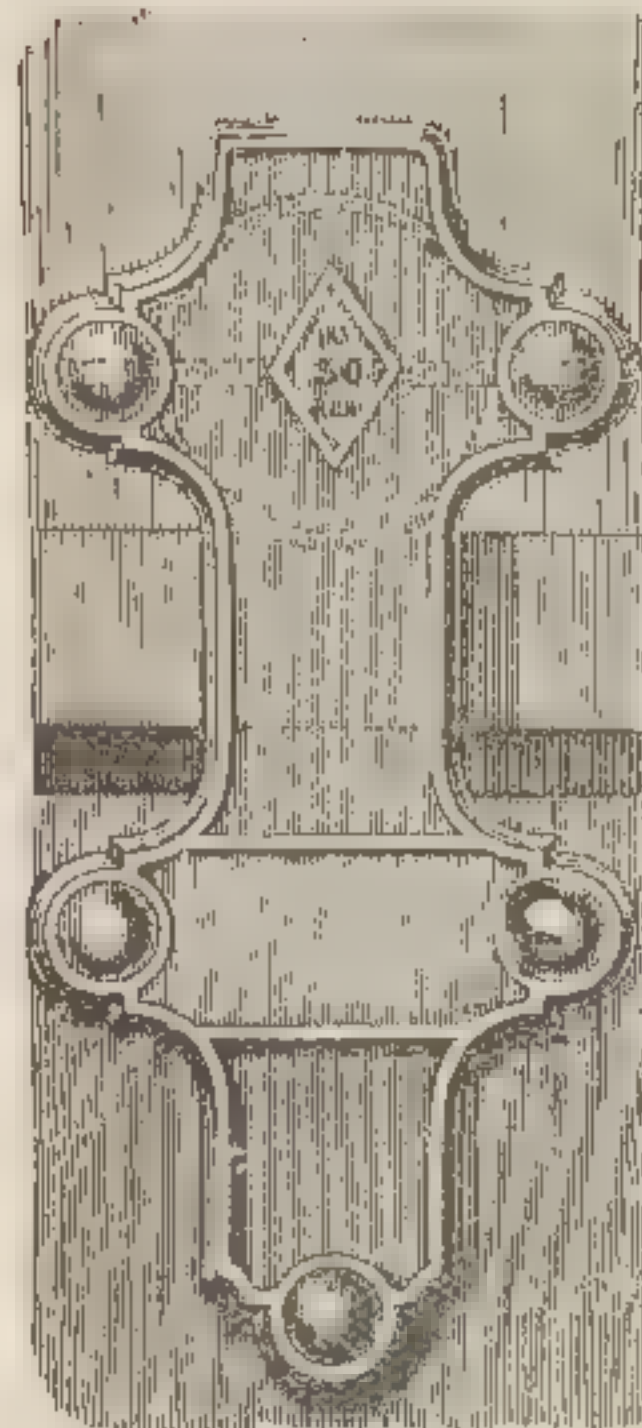
Door Hangers. *Continued.*



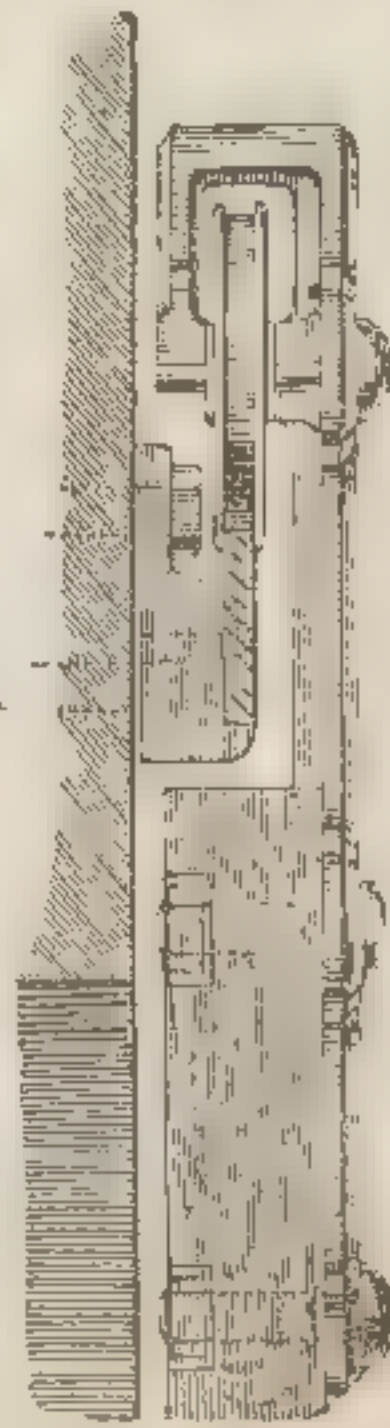
No. 1.
AMERICAN DOOR HANGERS.



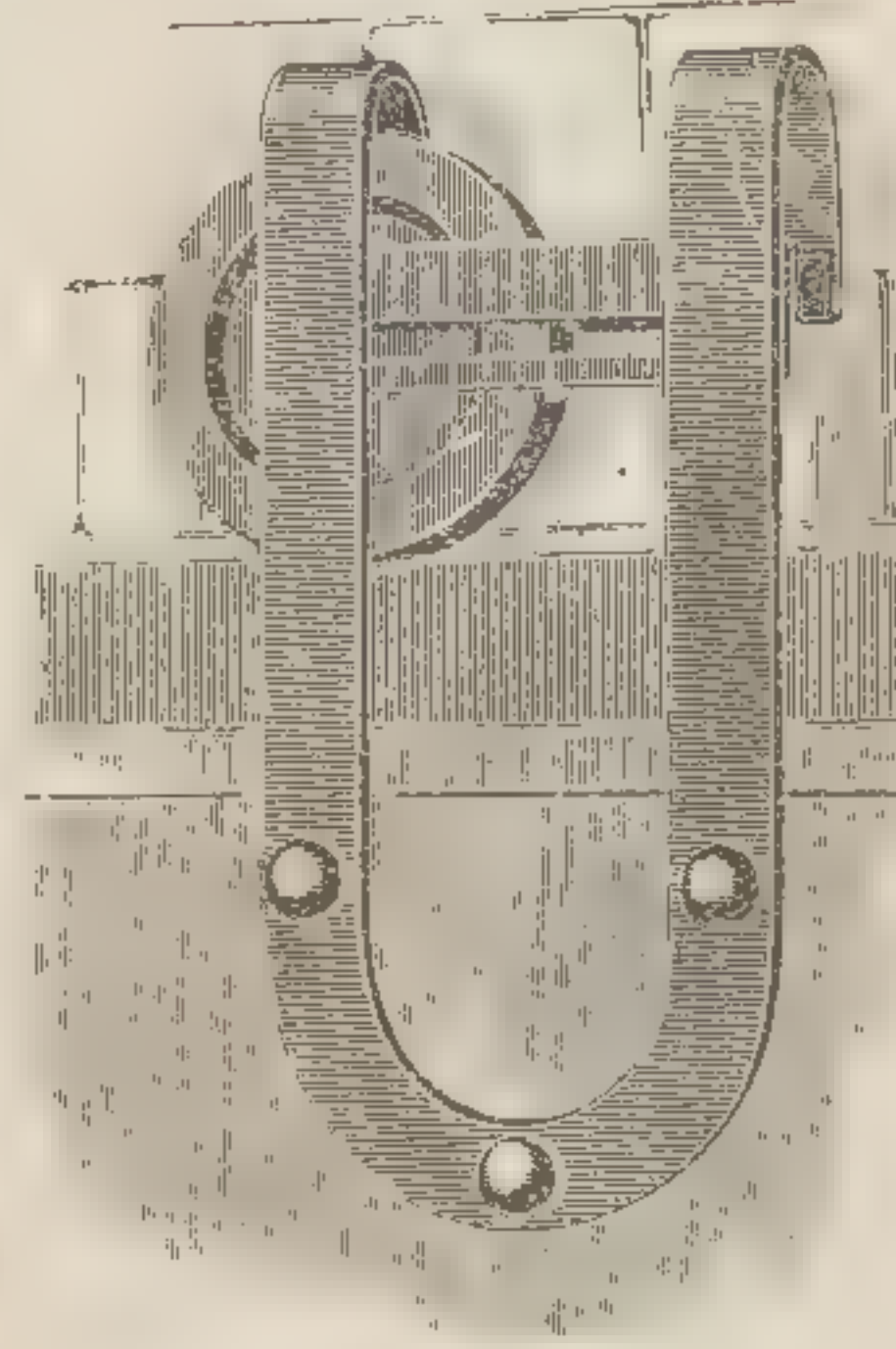
No. 2.



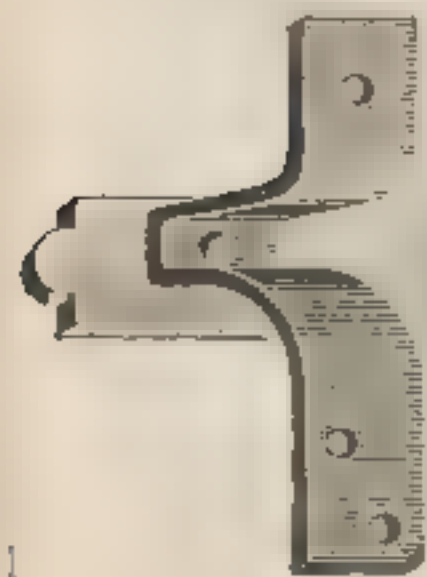
MALLEABLE.



WROUGHT.

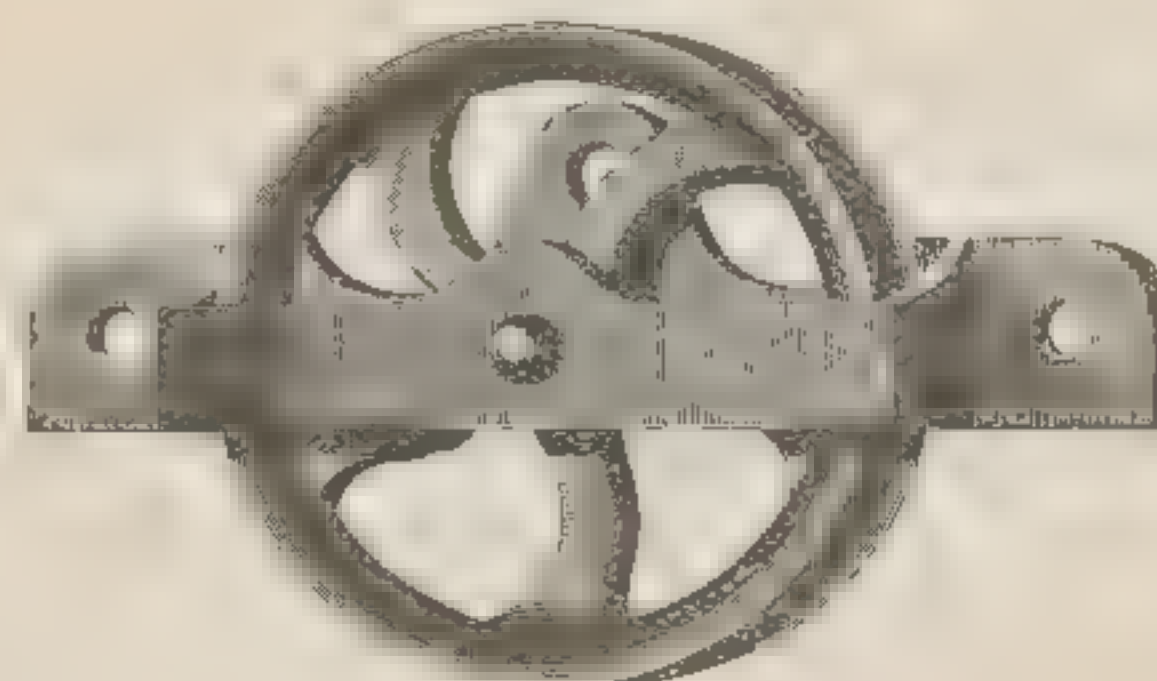


No. 3.
AMERICAN DOOR HANGERS.

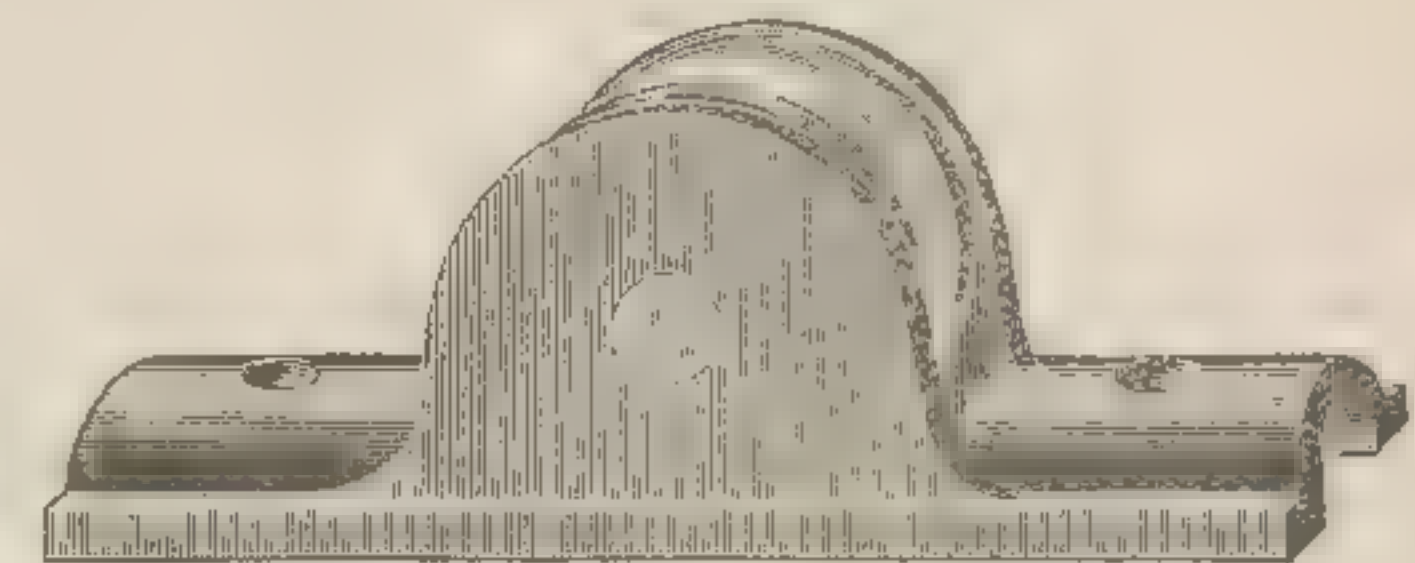


STEEL TRACK,
Suitable for American Door Hangers
6, 8, 10ft. lengths.

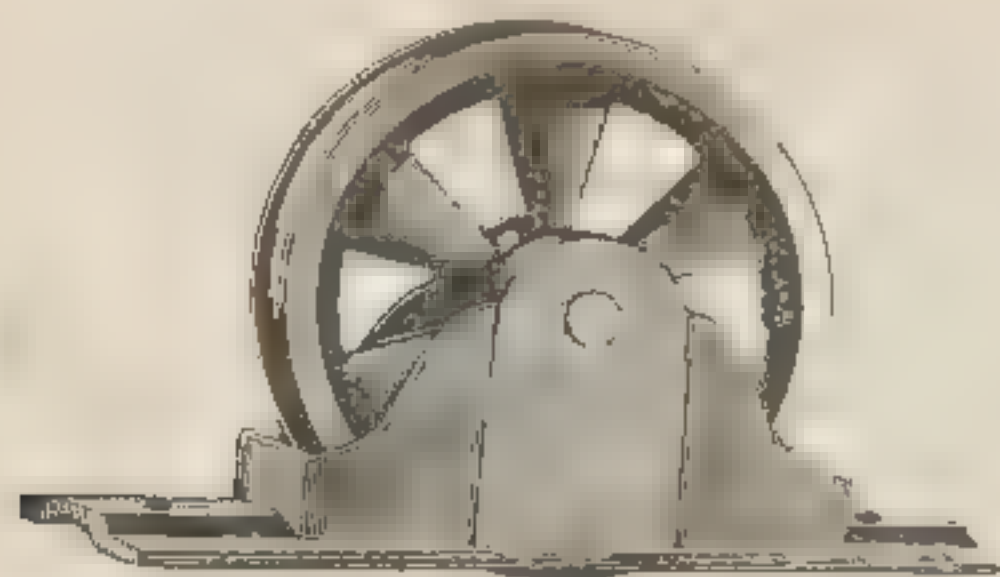
HATFIELD'S PATENT DOOR HANGERS.
For Doors running 36, 48, 60, 72, 96 inches



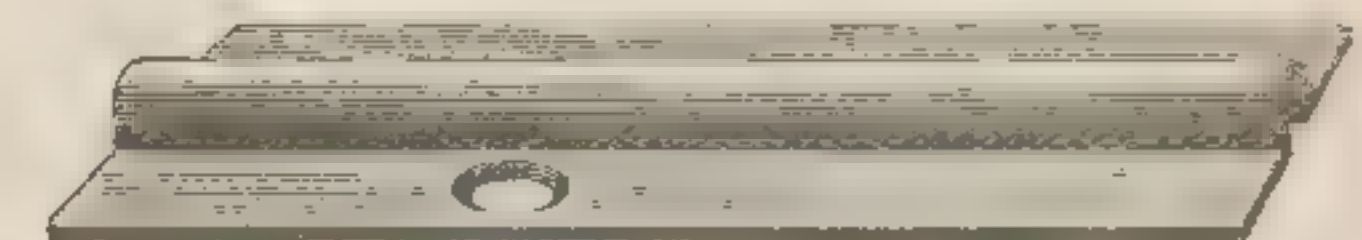
BARN DOOR ROLLER.
4, 5, 6, 8 inch.



MORTICE SASH ROLLER, WITH GROOVED WHEELS.

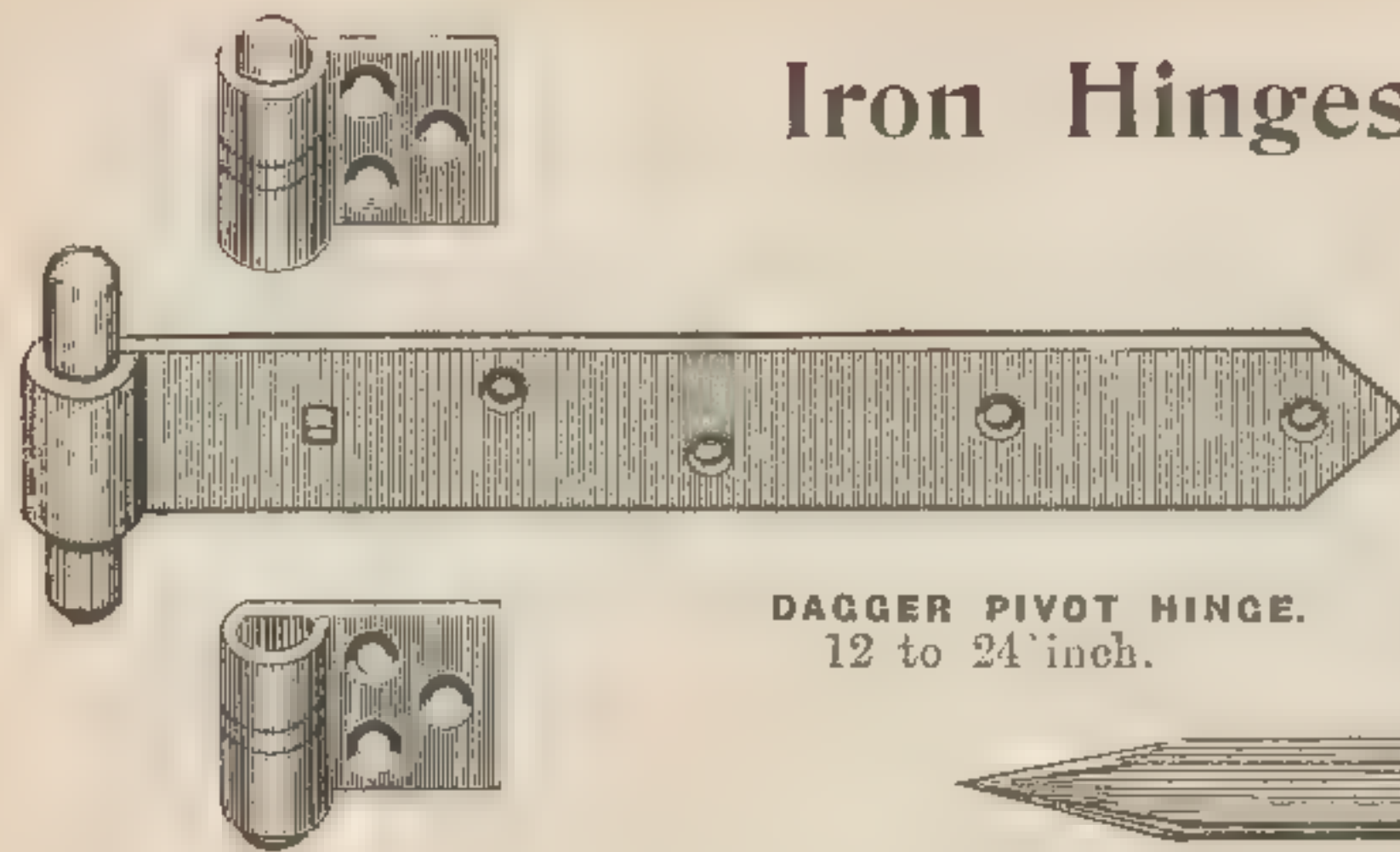


MORTICE ROLLERS FOR SLIDING DOORS,
With Roller Bearings. 3 inch.



BRONZED STEEL RAIL FOR MORTICE GROOVED
ROLLERS.
6ft. Lengths.

Iron Hinges.

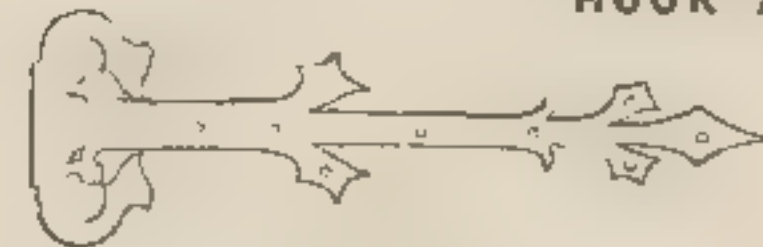


DAGGER PIVOT HINGE.
12 to 24 inch.

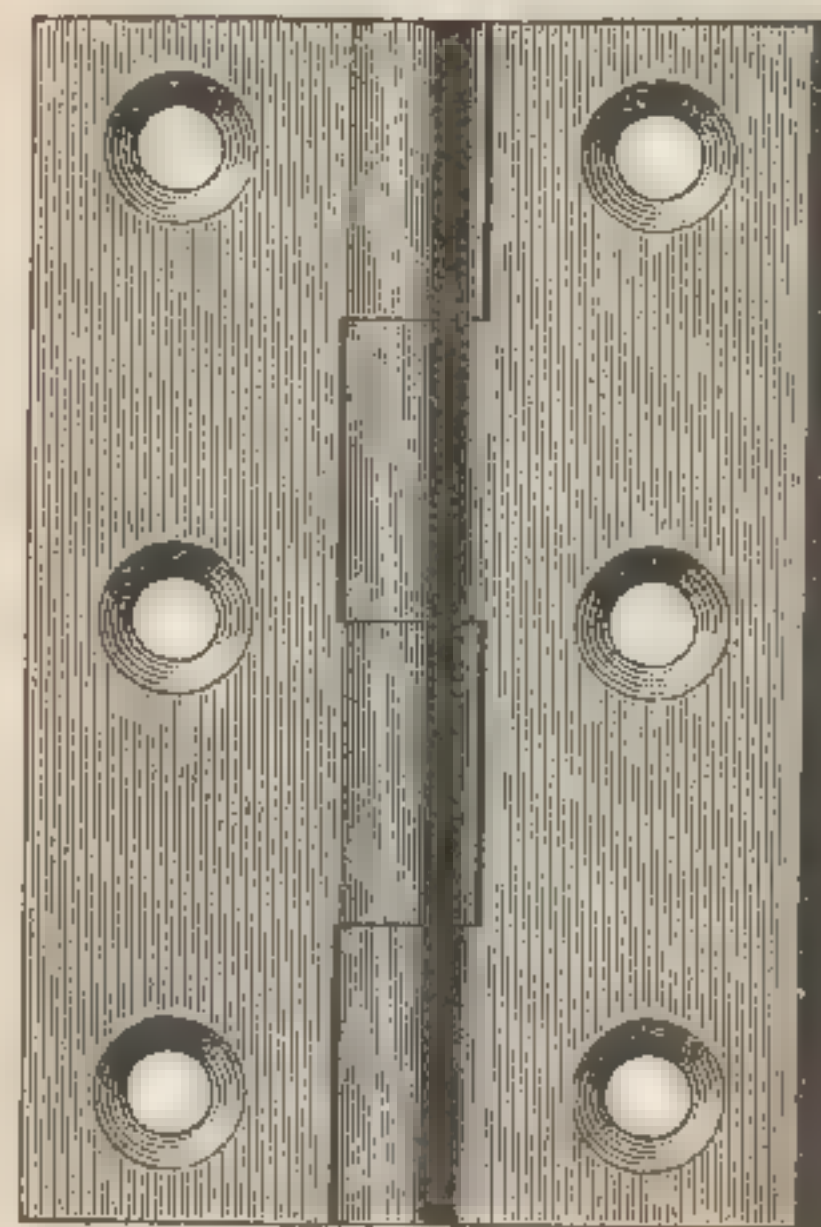


HOOK, TO DRIVE.

HOOK AND EYE HINGES.



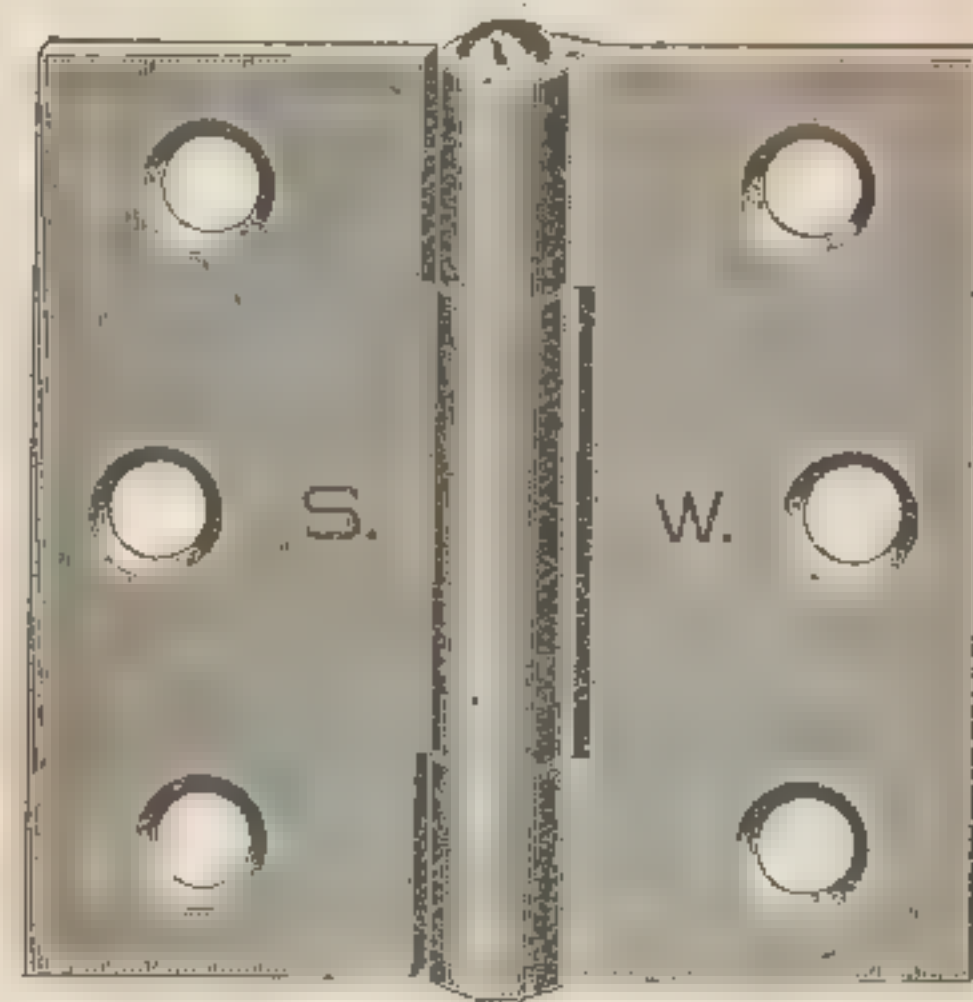
GOthic SHAM. 16 and 20 inch.



CAST IRON BUTT.

Cast Iron Butts,
1½, 1½, 2, 2½, 3, 3½, 4 inch.
1/6, 1/9, 2/6, 3/2, 4/2, 5/3, 6/6 list
4½, 5, 6 inch.
9/6, 12/-, 17/- list.

Broad Cast Iron Butts,
3½ x 3½, 4 x 4, 5 x 5 in.

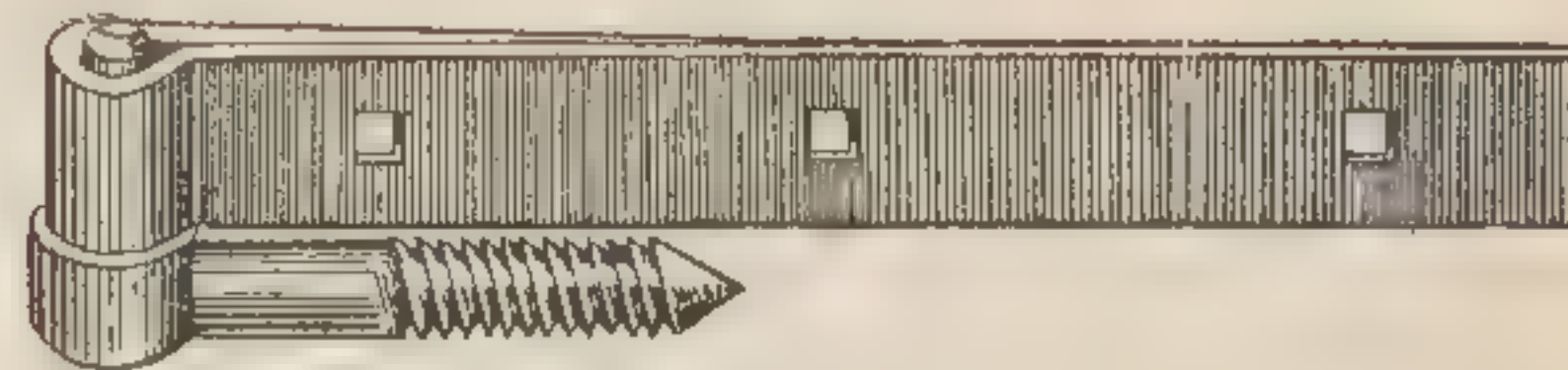


BRIGHT STEEL BUTT.
1 to 4 inch.

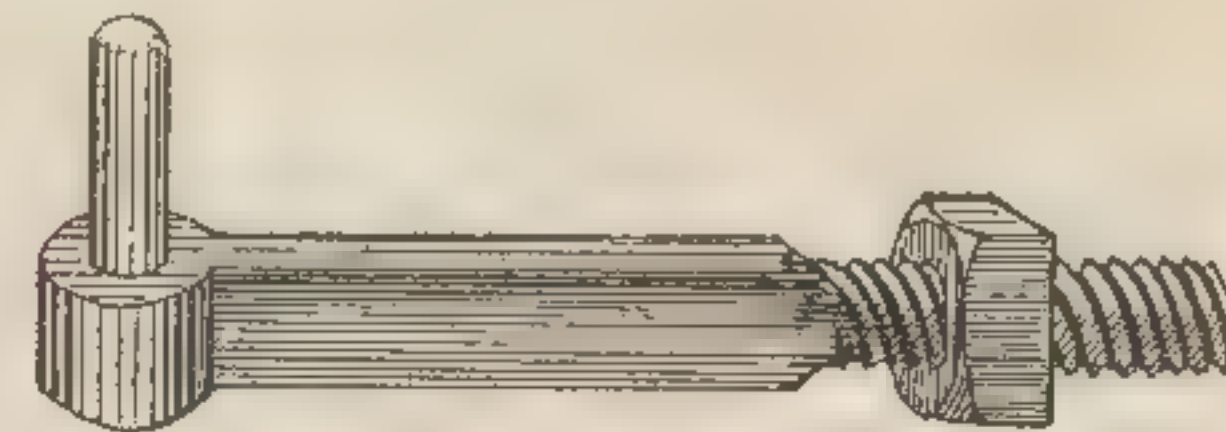
BRIGHT STEEL BROAD BUTTS.
3 x 3, 3½ x 3½, 4 x 4 inch.

BRASSSED STEEL BUTTS.
3½ x 3½, 4 x 4 inch.

HEAVY WROUGHT STEEL BUTTS
4, 5 inch.



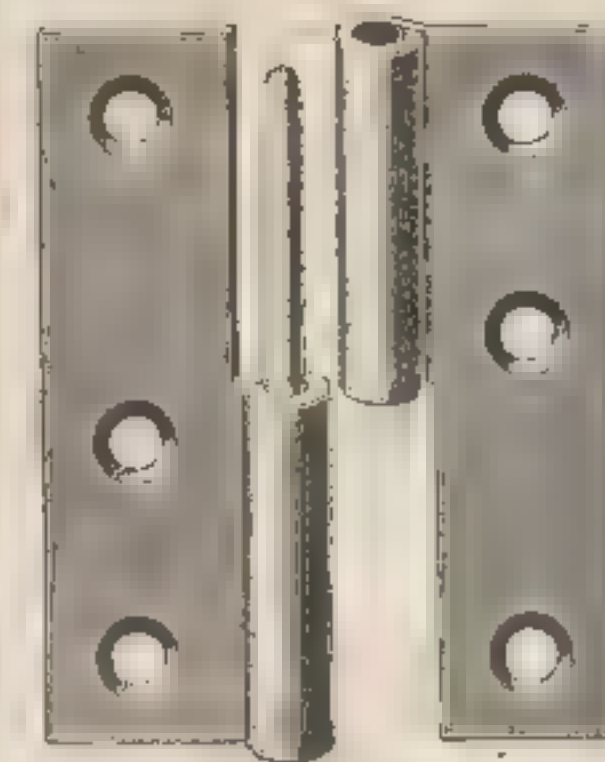
To Screw



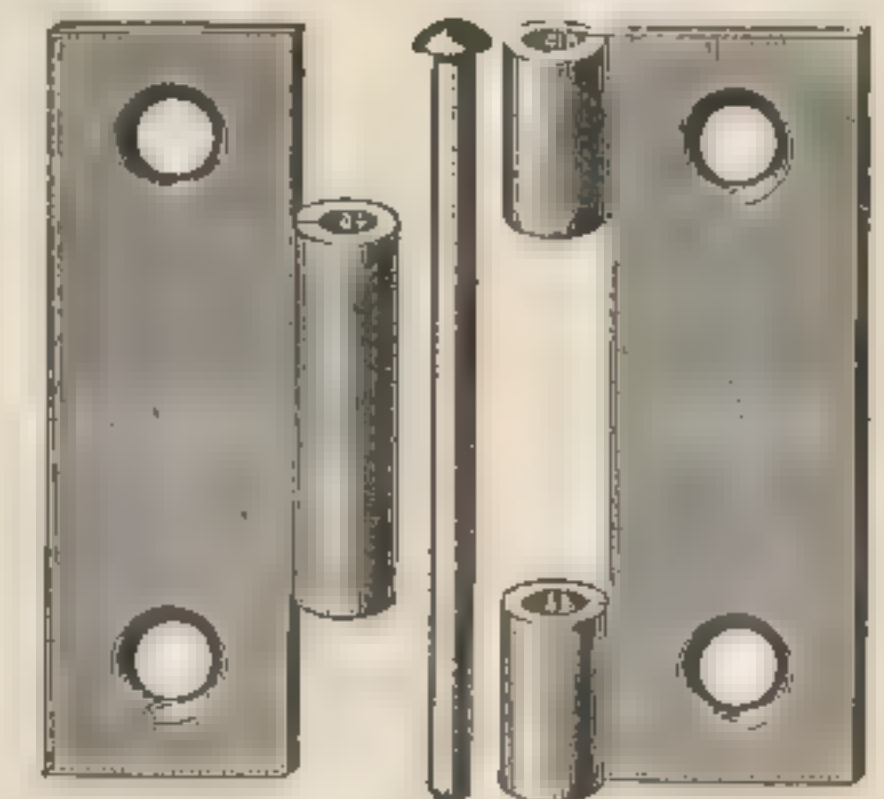
HOOK, TO BOLT WITH NUT.
10 to 36 inch.



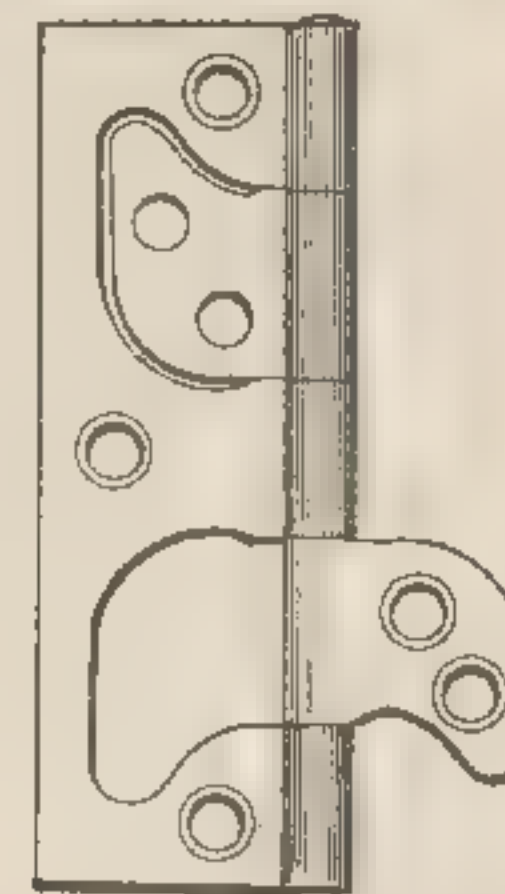
HOOK ON PLATE.



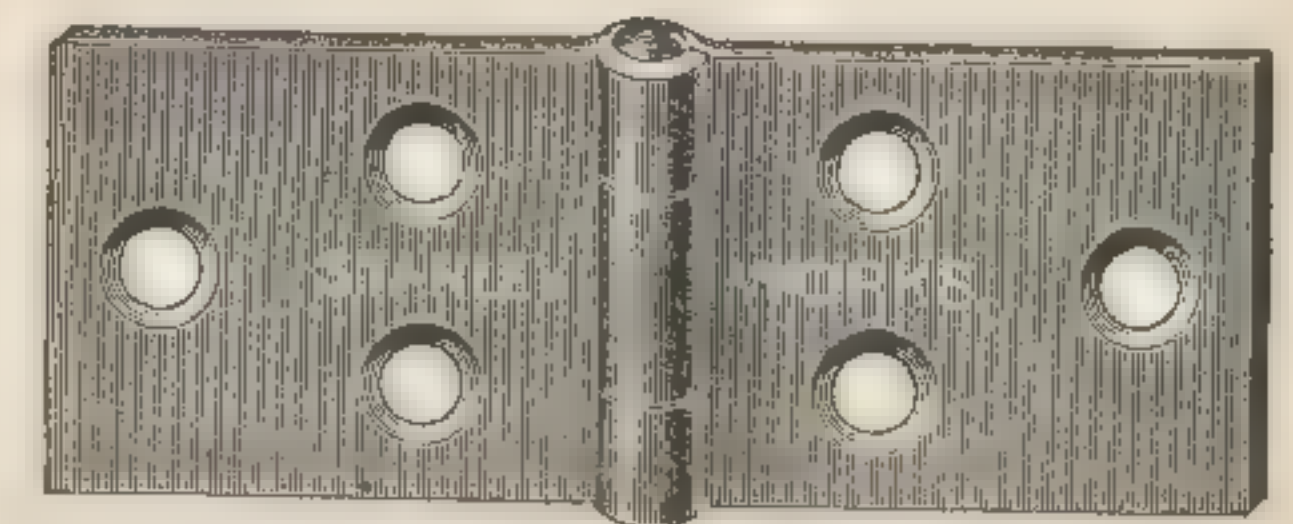
LIFT OFF BUTT. 3, 3½, 4 inch.



LOOSE PIN BUTT.
3, 3½, 4 inch.



ANGUS PATENT STEEL BUTT.
2½, 3½, 4 inch.

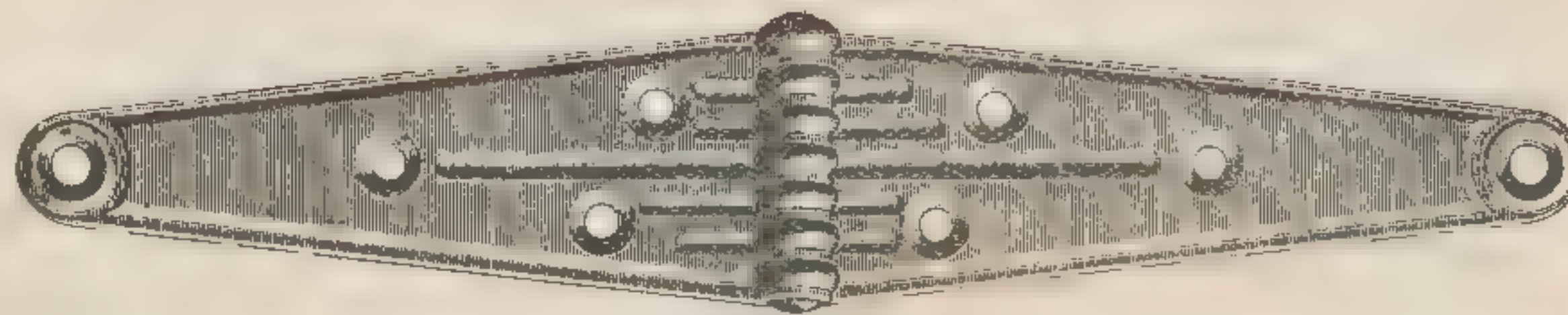


BRIGHT STEEL BACKFLAP.
1 to 3 inch

Iron Hinges.—Continued.



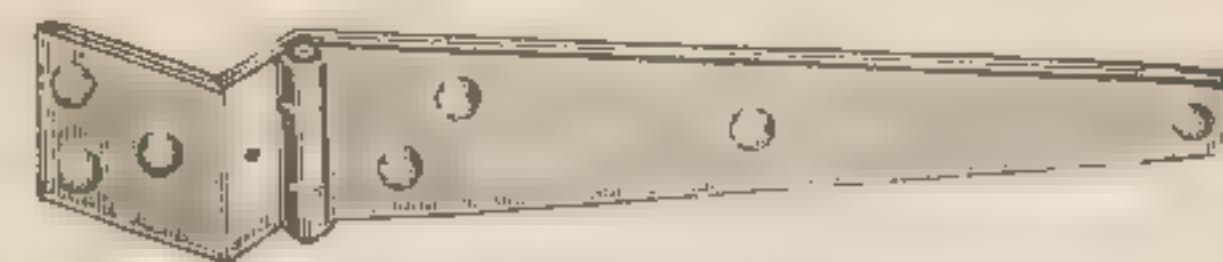
JAPANNED CORRUGATED TEE HINGE.
4, 6, 8, 10 inch.



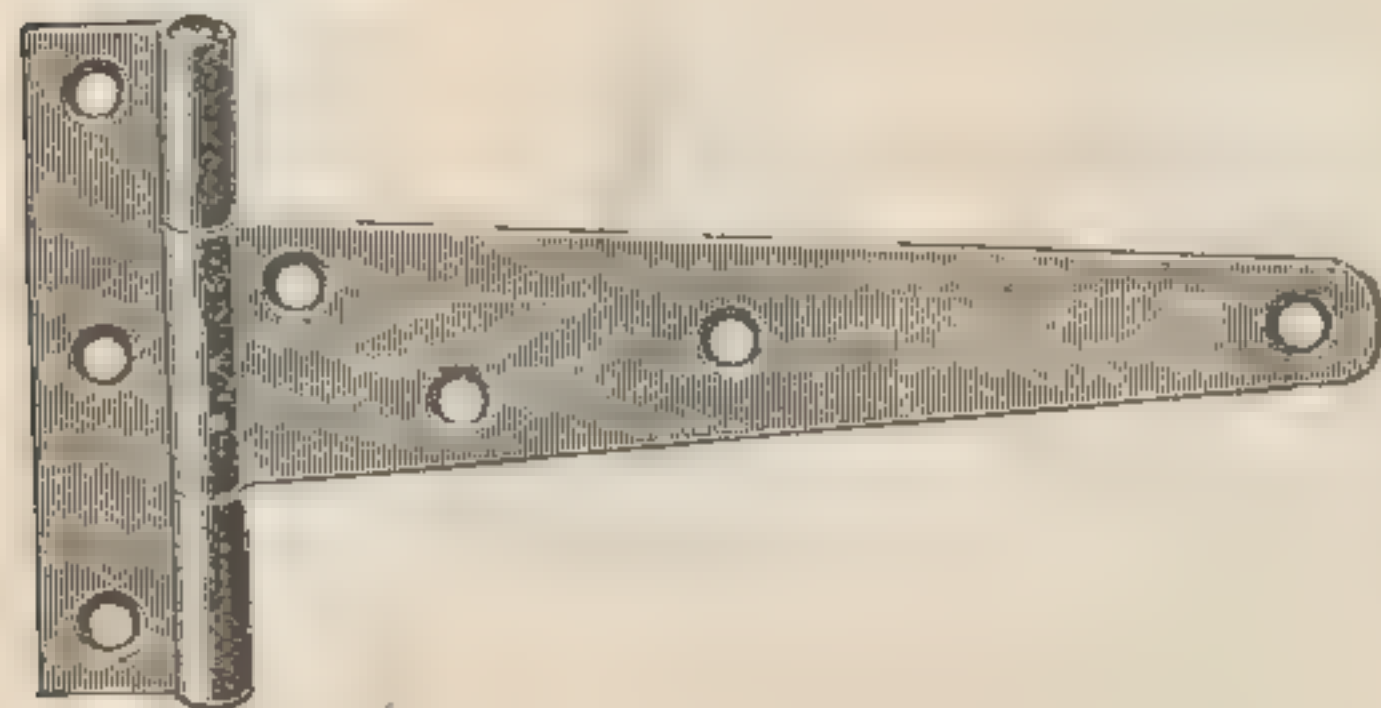
STEEL CORRUGATED STRAP HINGE. 8, 10, 12 inch.



STRAP HINGE. 6, 7, 8, 10, 12 inch.
BENT DO. 6, 8, 10 inch.



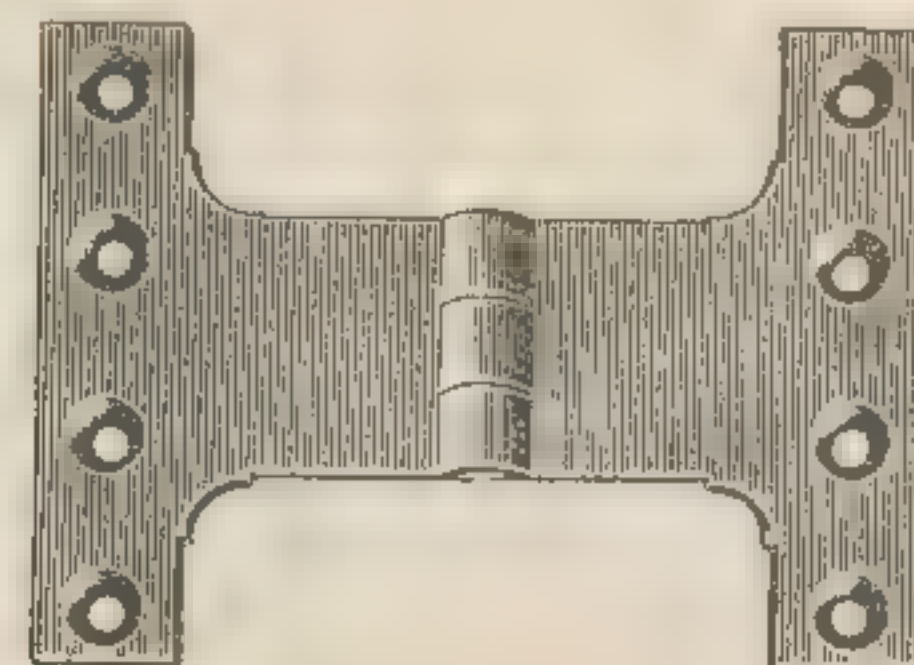
CHEST HINGE.
6, 7, 8, 10, 12 inch.



JAPANNED TEE HINGE.
4/6 5/6 6/6 7/6 9/- 11/- 14/6 17/6 21/6 25/- 30/- List.
4 6 8 10 12 14 16 18 20 22 24 Inch
HEAVY SCOTCH TEE HINGES, 8 to 24 inch.

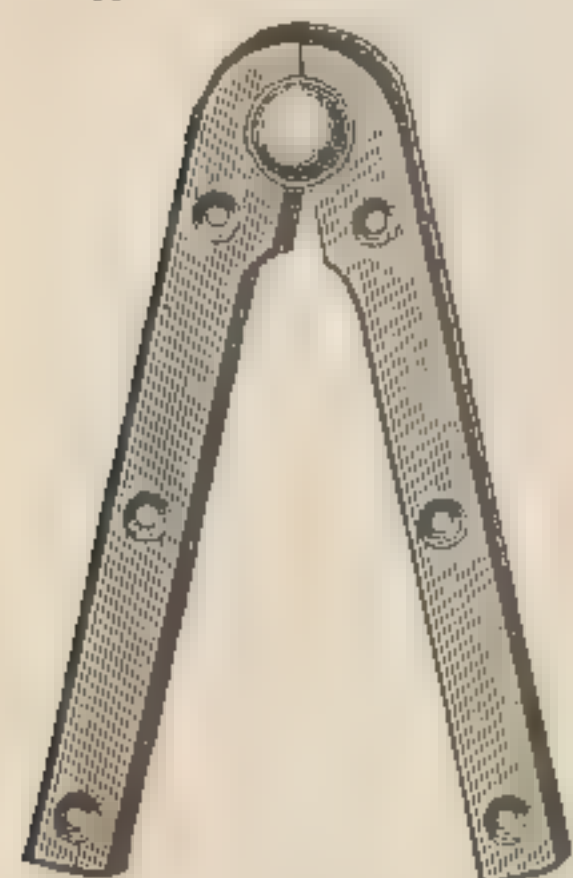


PARLIAMENT HINGE
Wrought Steel.
open, 4, 4½, 5, 5½, 6, 7, 8, 9, inch, in reveal.

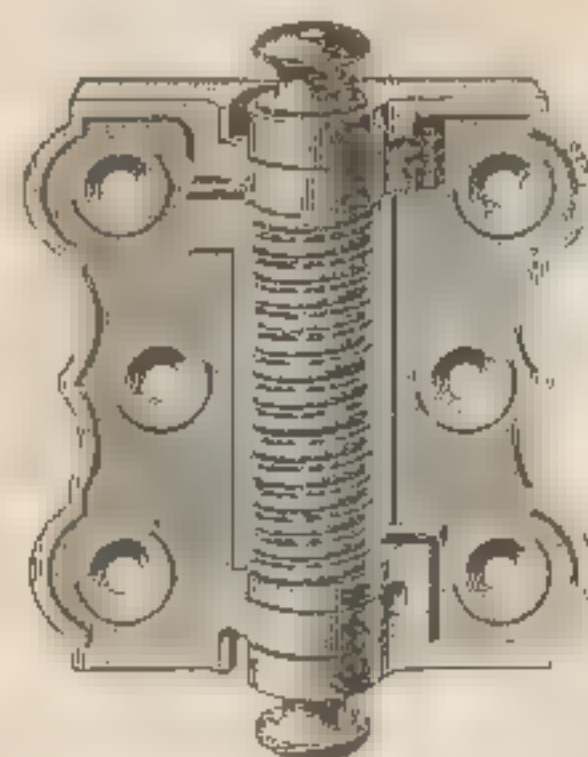


CAST PARLIAMENT HINGE.

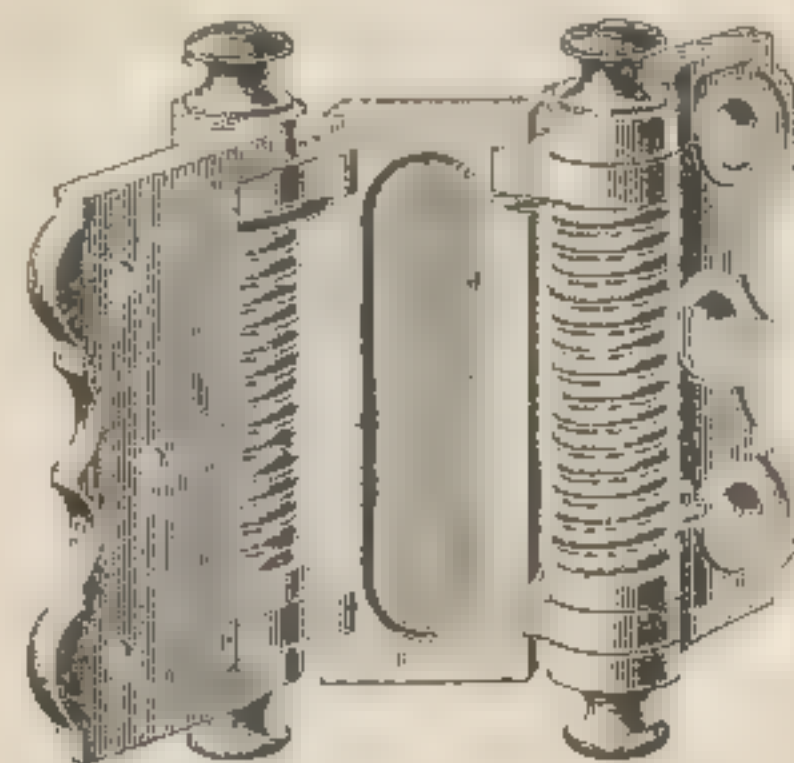
Nos. 216, 216½, 217, 217½, 218, 218½, 218¾, 218¾ D.
Size opened overall, 5½, 6, 6½, 6¾, 7½, 8, 10 inch
,, in reveal, 4, 4½, 4¾, 4¾, 5, 5½, 6, 8½,,



IRON TRESTLE HINGE
12 inch



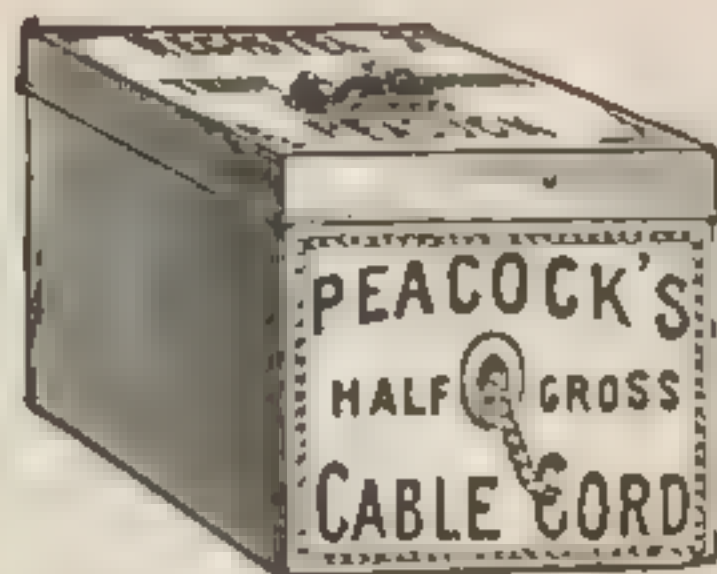
SINGLE ACTION.
SCREEN DOOR HINGES,
3 inch.



DOUBLE ACTION

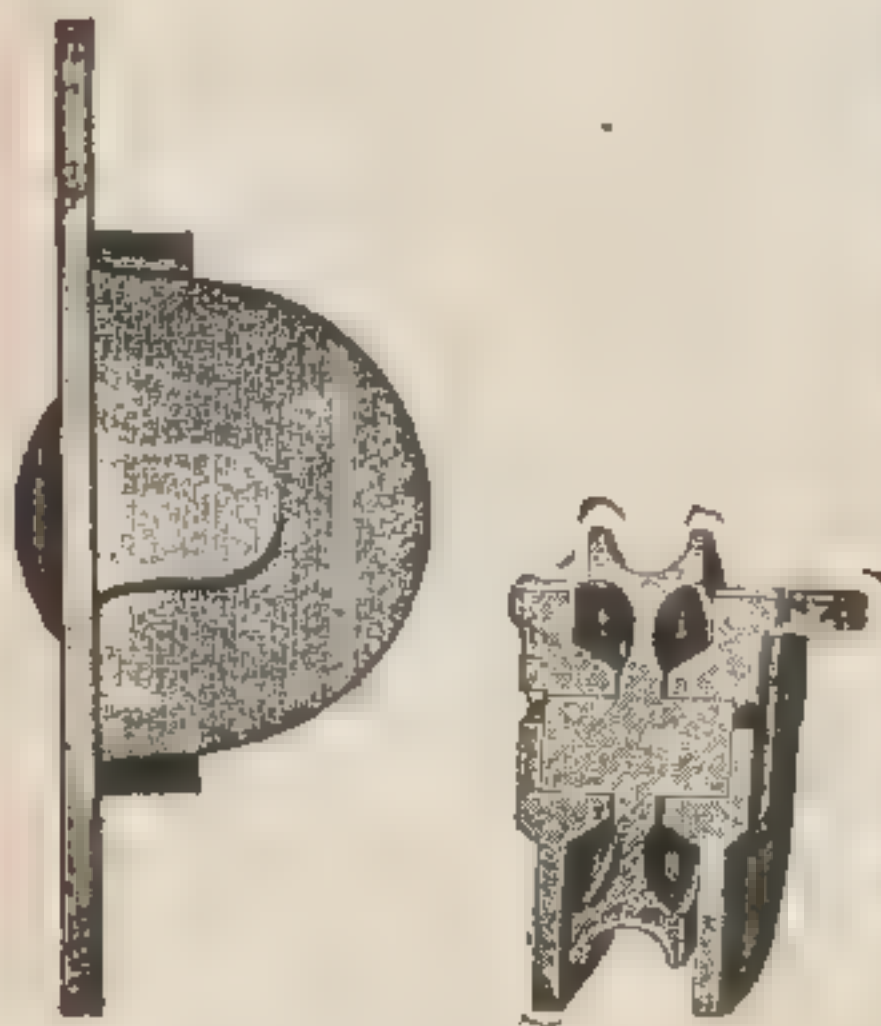


SELF-CLOSING GATE HINGE.



PEACOCK'S BLIND CORD.

Red, Green, Drab, Blue,
White, Artistic.
Nos. 2, 3, 4, 5.
Glacie do. do. do. do.
Nos. 2, 3, 4, 5.
Swan No. 3 Blind Cord.
Belfast Plaited.
2, 2½, 3 lbs.



SECRET AXLE PULLEYS.

Iron Face, Iron Wheel,
1½ inch.
Brass Face, Iron Wheel,
1½, 2, 2½, 2½ inch.
Brass Face, Brass
Wheel, 1½, 2, 2½ inch.
Electro Bronze, 1½ in.
Also, Iron Sash Frame
Pulleys, 1½ inch.

Sash Lines.



THE "DAGGER" BRAND. MADE TO OUR SPECIAL ORDER.

Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. RECOMMENDED
BEST FINL TWINE.—Nos. 5, 6, 7, 8, 10.

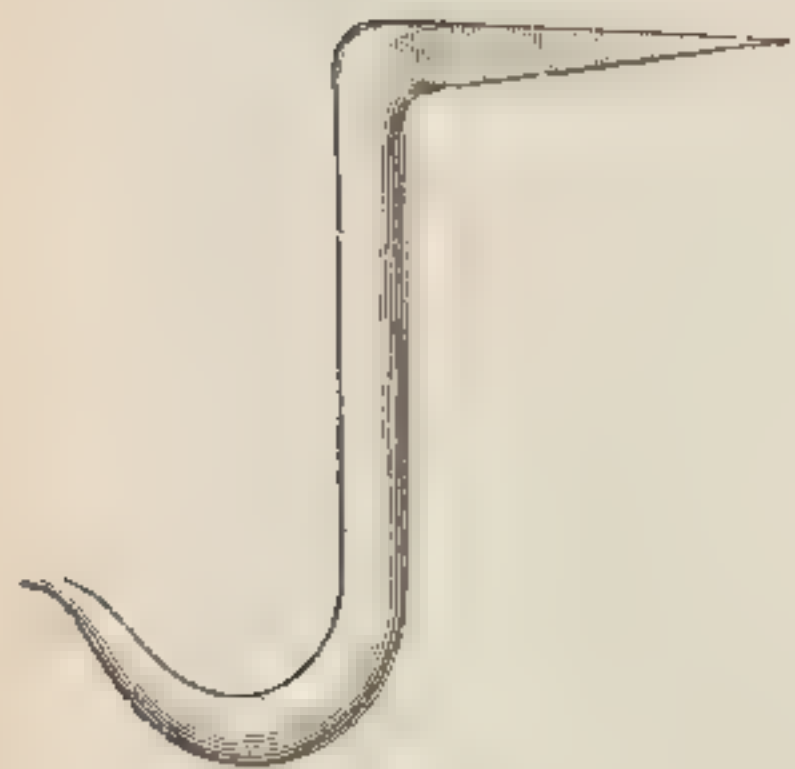
SAMSON'S SPOT CORD

Nos. 8, 9, 10.



**COPPER SASH CHAIN
AND FITTINGS**

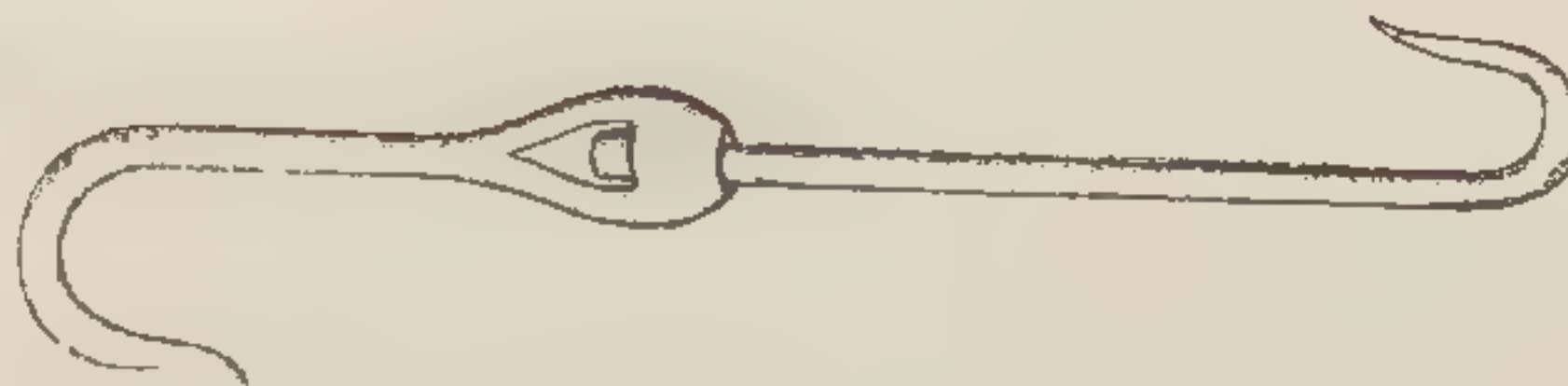
Hooks.



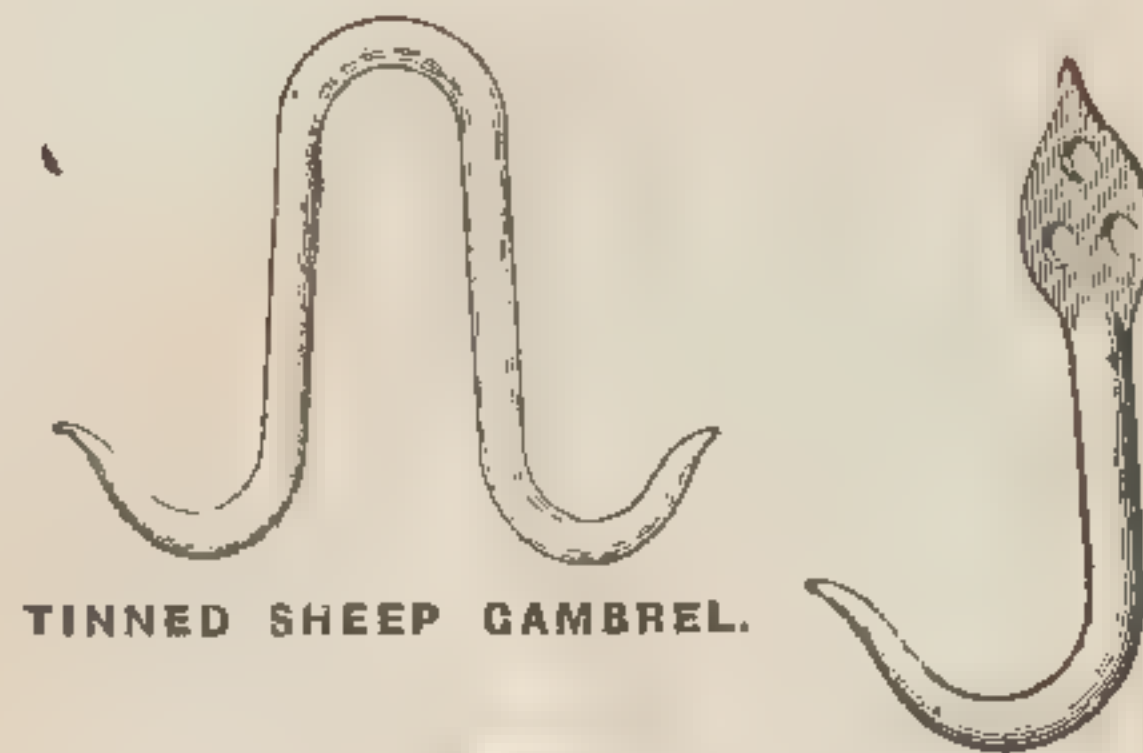
TINNED HOOK, TO DRIVE.
2½ to 3½ inch



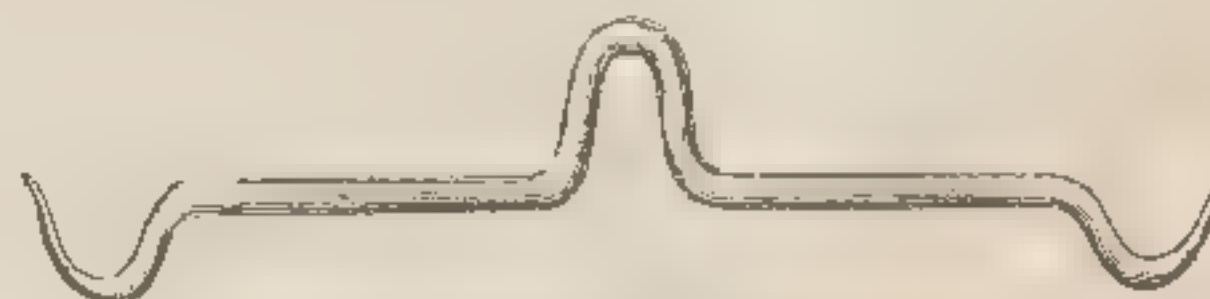
TINNED S. HOOK.
4 to 8 inches.



TINNED SWIVEL HOOK.
10, 11, 12 inch.



TINNED SHEEP GAMBREL.



TINNED BEEF GAMBREL.



TINNED HOOK
(To screw on)
2½ to 3½ inch



NETTLEFOLD'S BRIGHT SQUARE HOOK.

2, 2½, 3 inch.
To drive



NETTLEFOLD'S BRIGHT SQUARE HOOK,

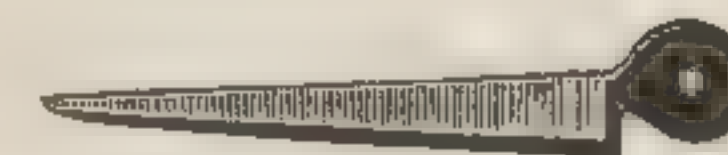
2 to 5 inch.



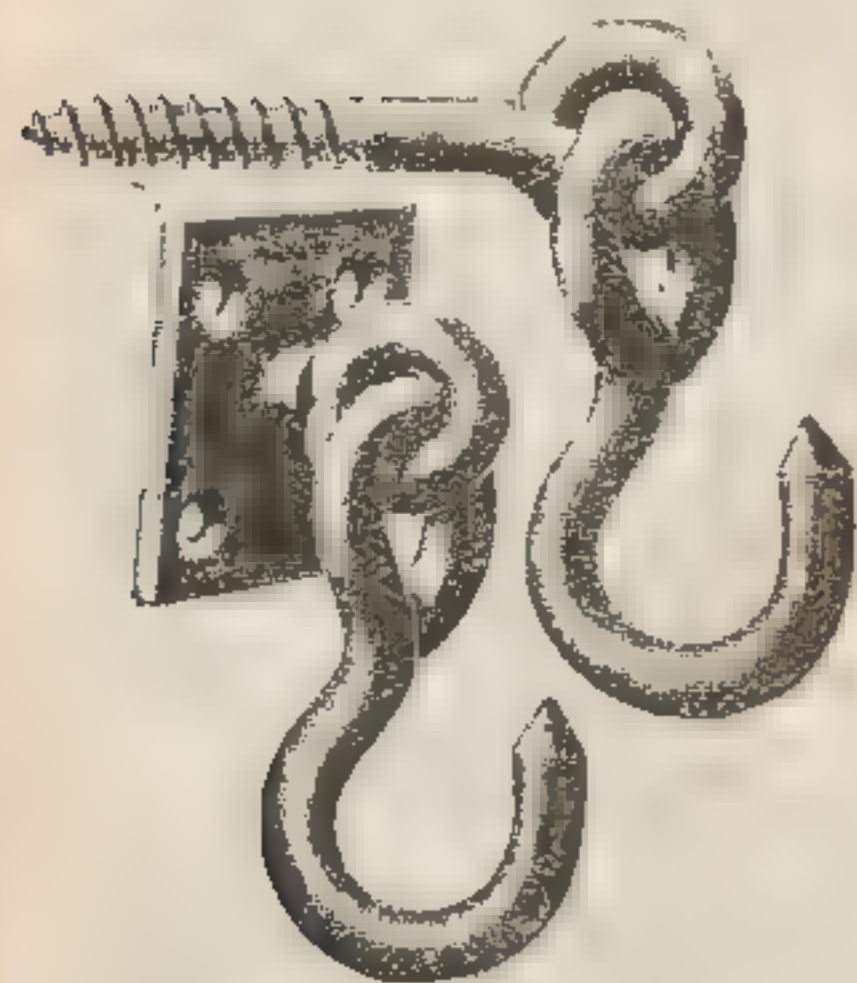
TINNED GEILING HOOKS,
2½ to 6 inch.

NETTLEFOLD'S BRIGHT SCREW HOOKS.
2 to 5 inch.

PIPE HOOK.
Black and Galvanized, all sizes.



HOLDFAST, STRAIGHT AND BENT



GALVANIZED HAMMOCK HOOKS,
To screw; and on plate.



BRIGHT, BRASSED IRON AND BRASS SCREW EYES.
Sizes 1 to 20.



JAPANED CABIN HOOK.
3, 3½, 4, 5, 6 inch.



JAPANED AND BRASSED IRON GATE HOOK AND EYE.
3 to 8 inch.

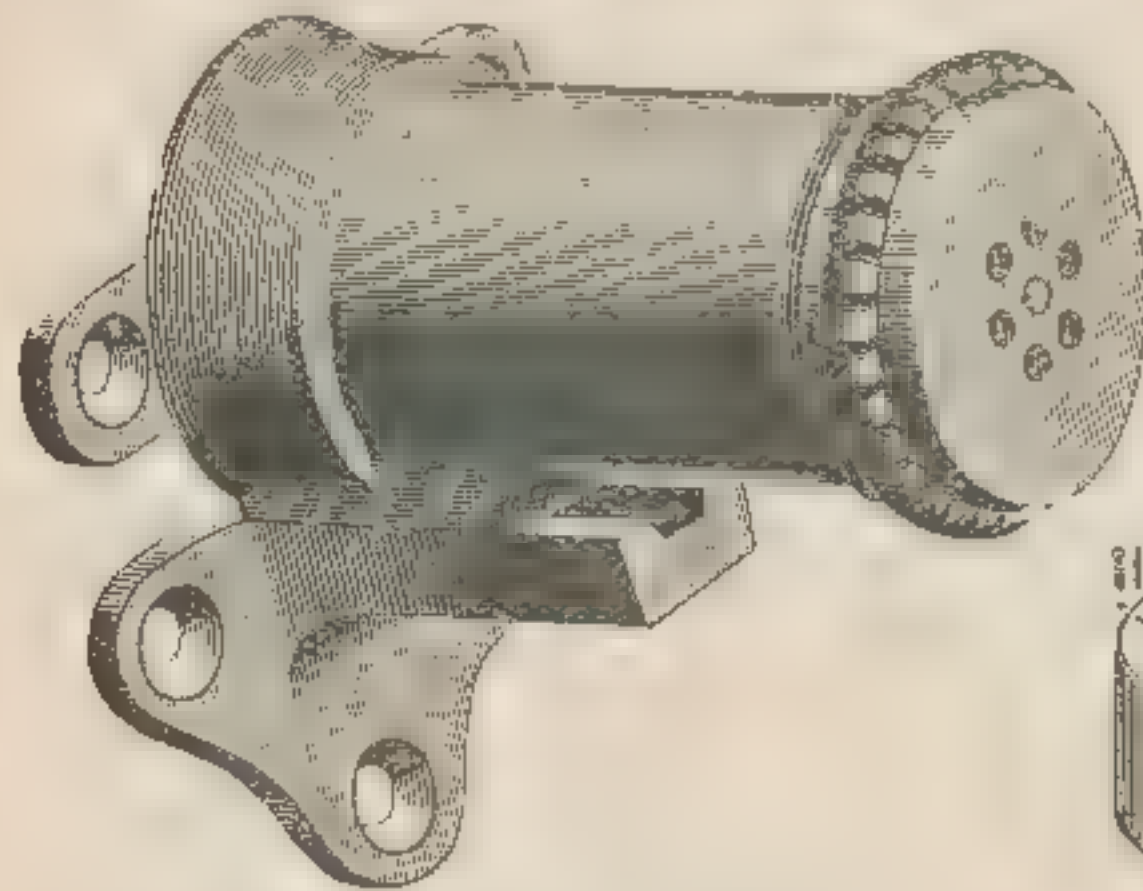


GALVANIZED WIRE WALL TIE.
6 and 8 gauge.



DAGGER GALVANIZED WALL TIE,
Made of ½ x ½ in. iron.

Door Checks, Springs.

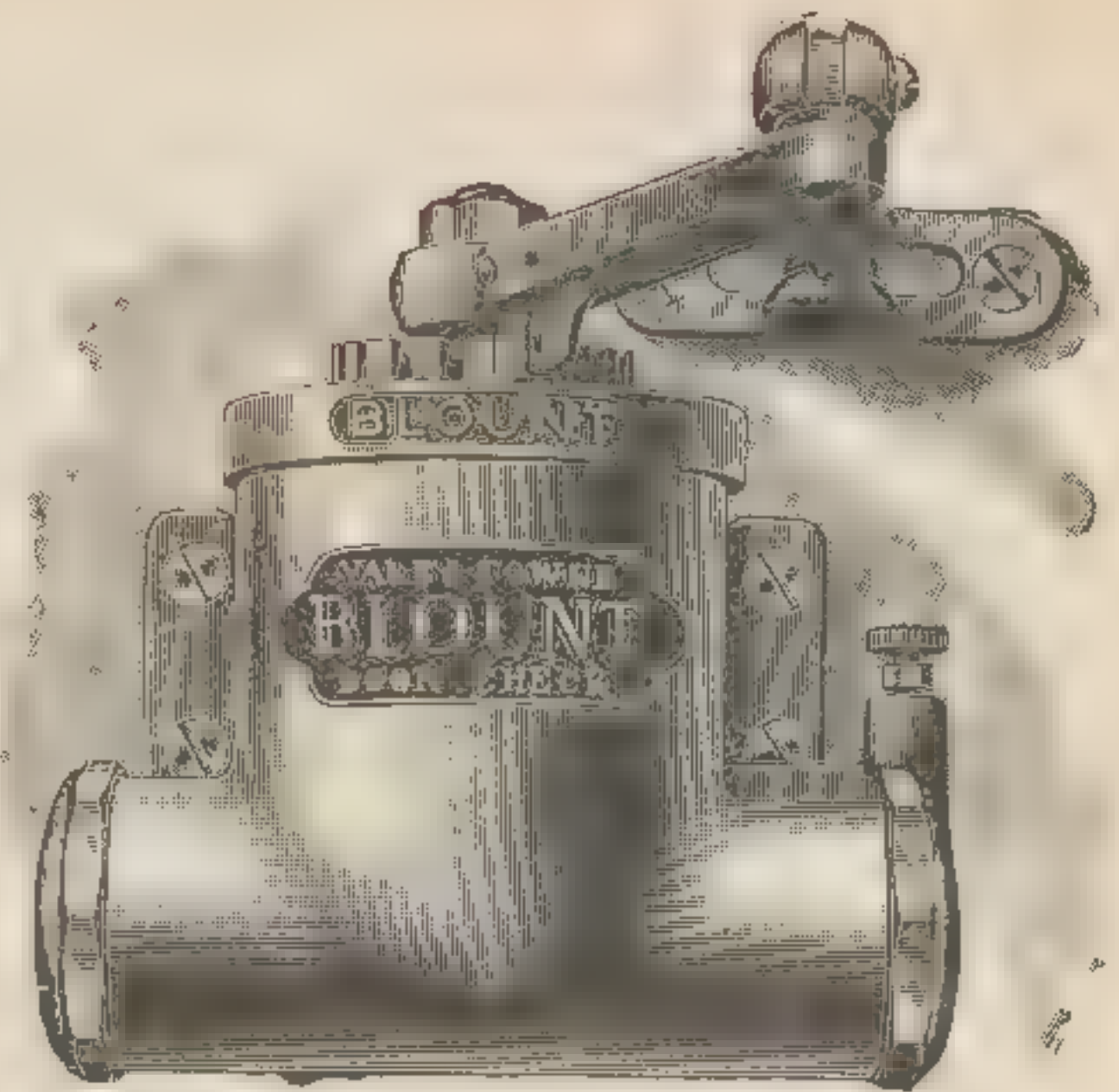


ECLIPSE DOOR CHECK.
Can be used in conjunction with the Eclipse Spring.

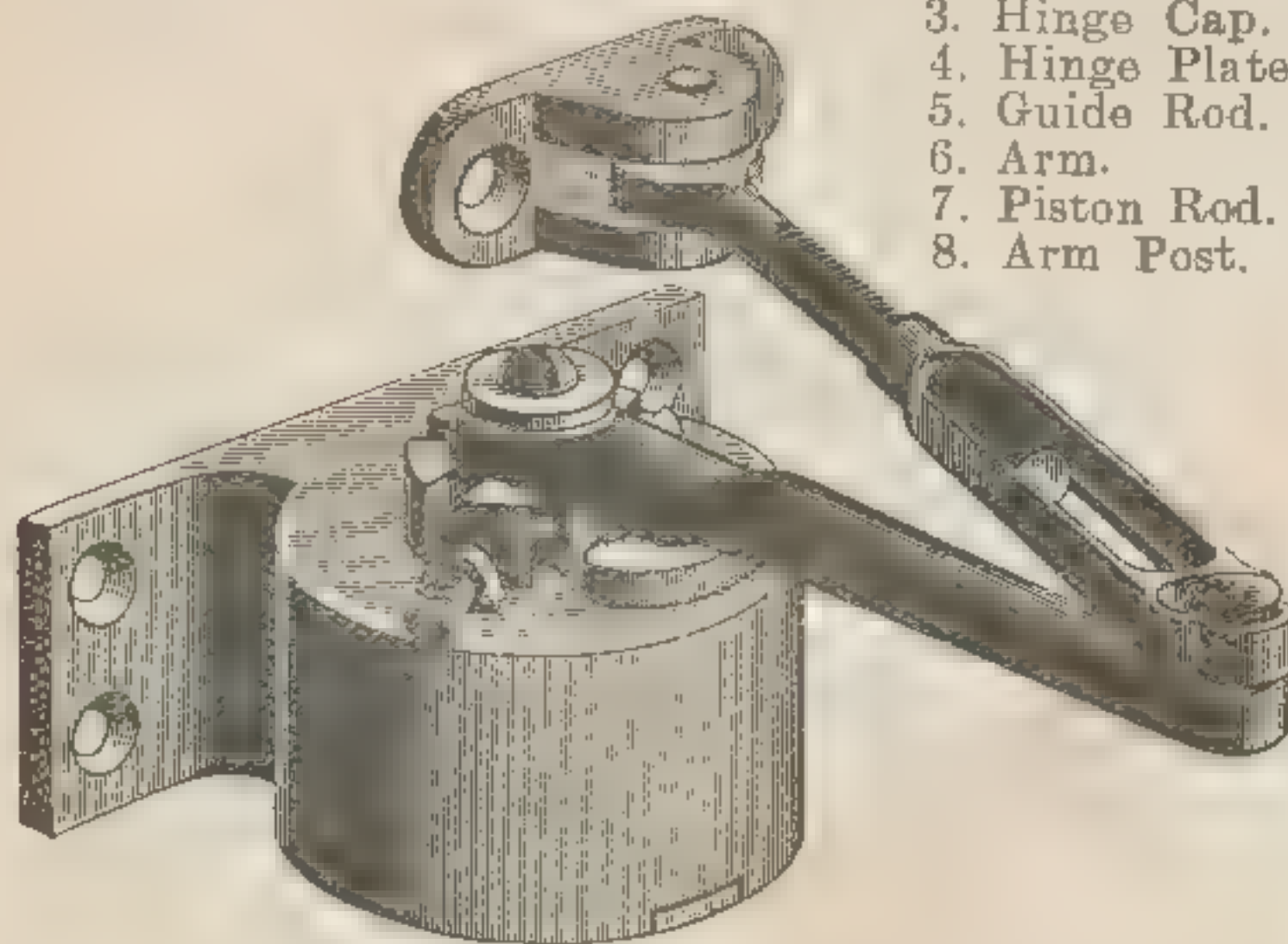


NORTON'S DOOR CHECK

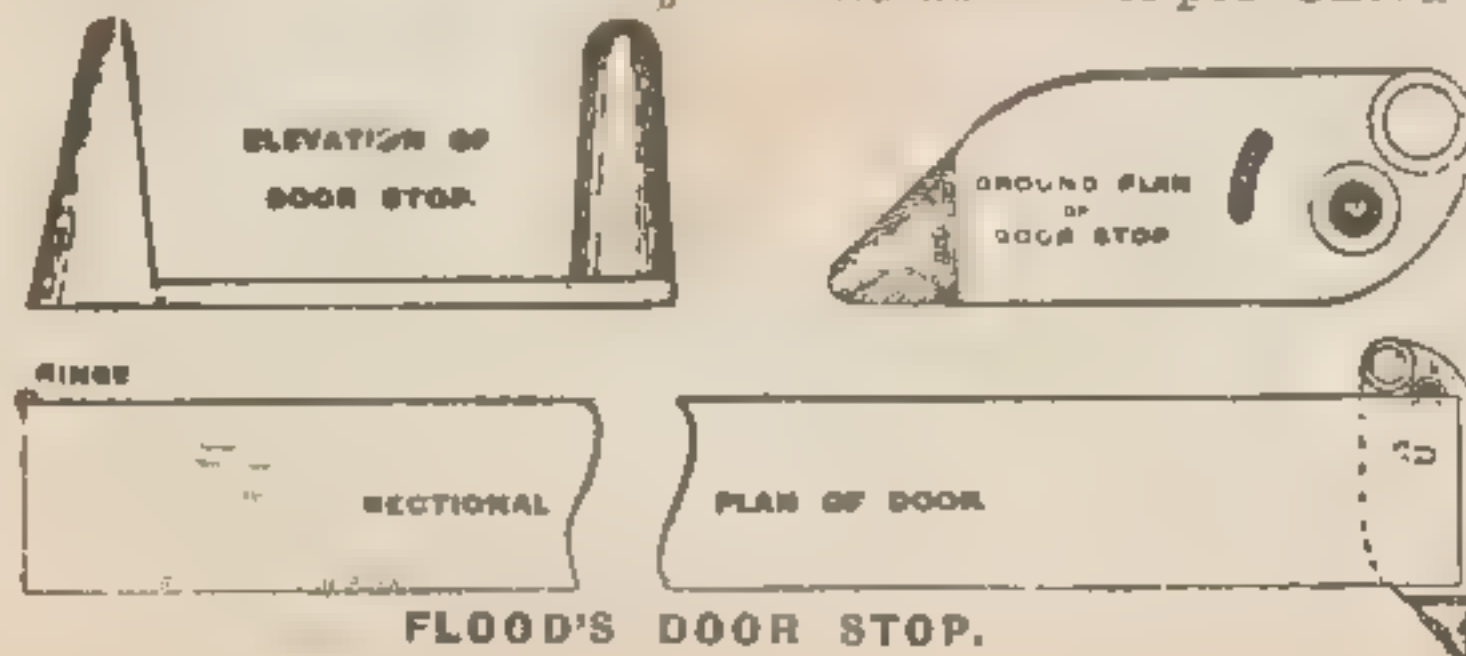
- | | |
|-----------------|-------------------------|
| 1. Cylinder. | 9. Arm Bracket |
| 2. Piston Cap. | 10. Piston Rod Rivet. |
| 3. Hinge Cap. | 11. Guide-Rod Rivet. |
| 4. Hinge Plate. | 12. Guide-Rod Hinge |
| 5. Guide Rod. | 13. Arm Screw. |
| 6. Arm. | 14. Hinge-Cap Rivet. |
| 7. Piston Rod. | 15. Air-Exhaust Screw |
| 8. Arm Post. | in centre of Hinge Cap. |



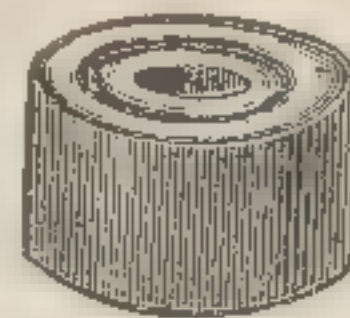
BLOUNT'S DOOR CHECK.
Nos. 1, 2, 3, 4.



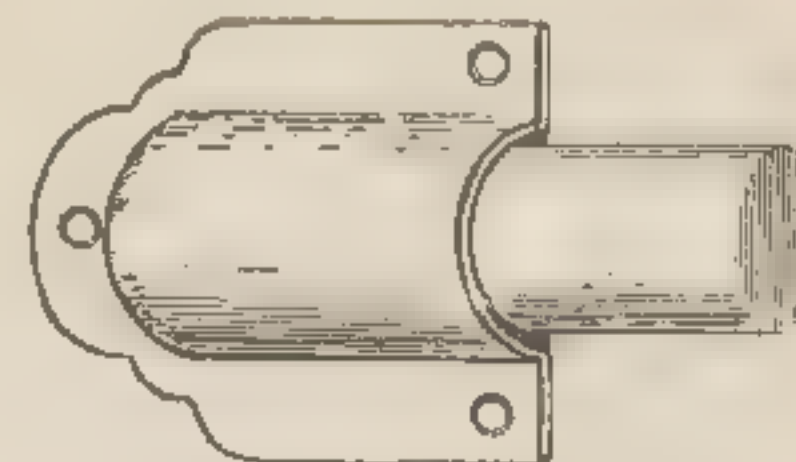
THE ECLIPSE DOOR SPRING.
Can be used in conjunction with Eclipse Check



FLOOD'S DOOR STOP.



RUBBER DOOR STOP.
1½ in. Diam.



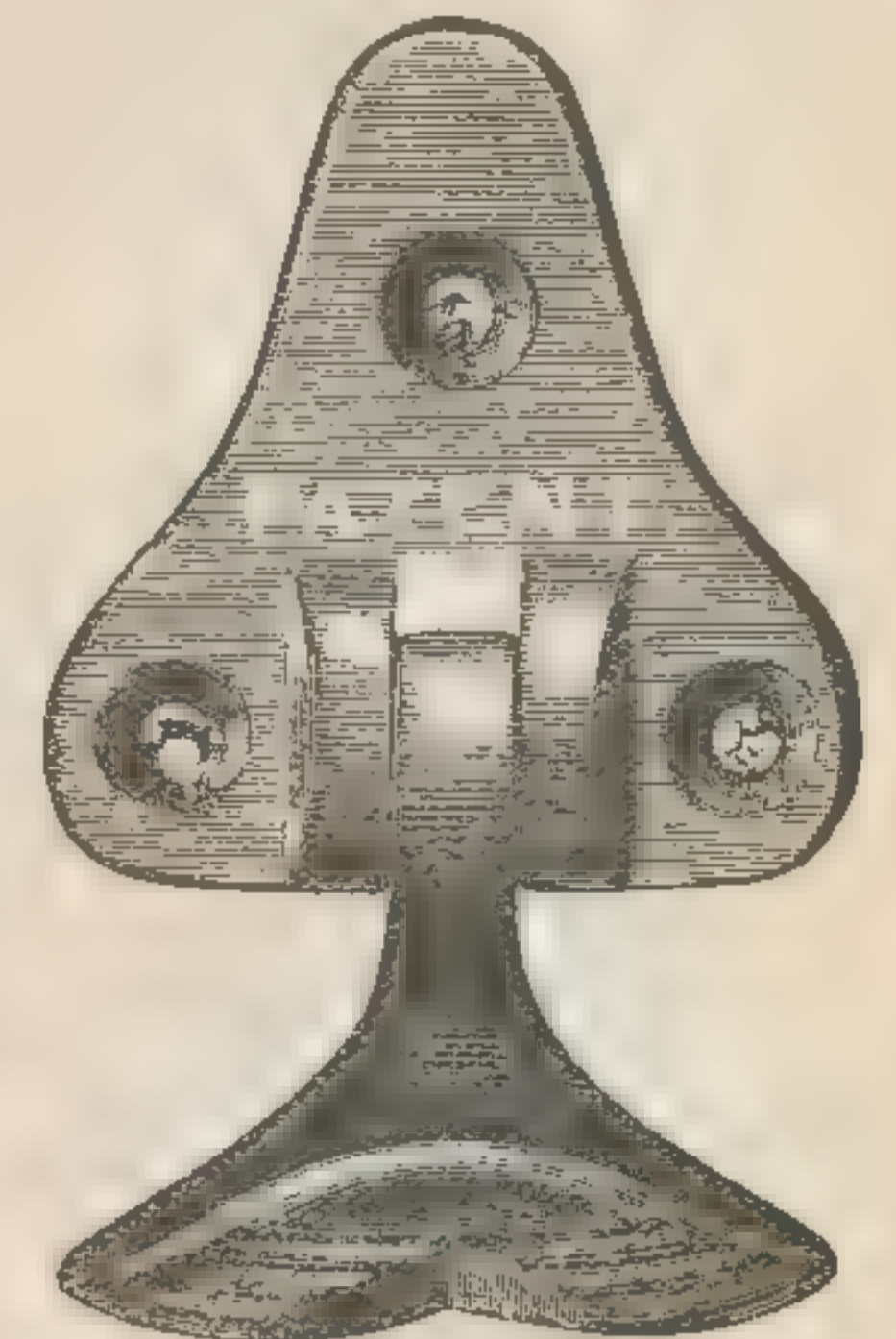
I.R. DOOR SILENCER.



"NO SLAM" DOOR CHECK.



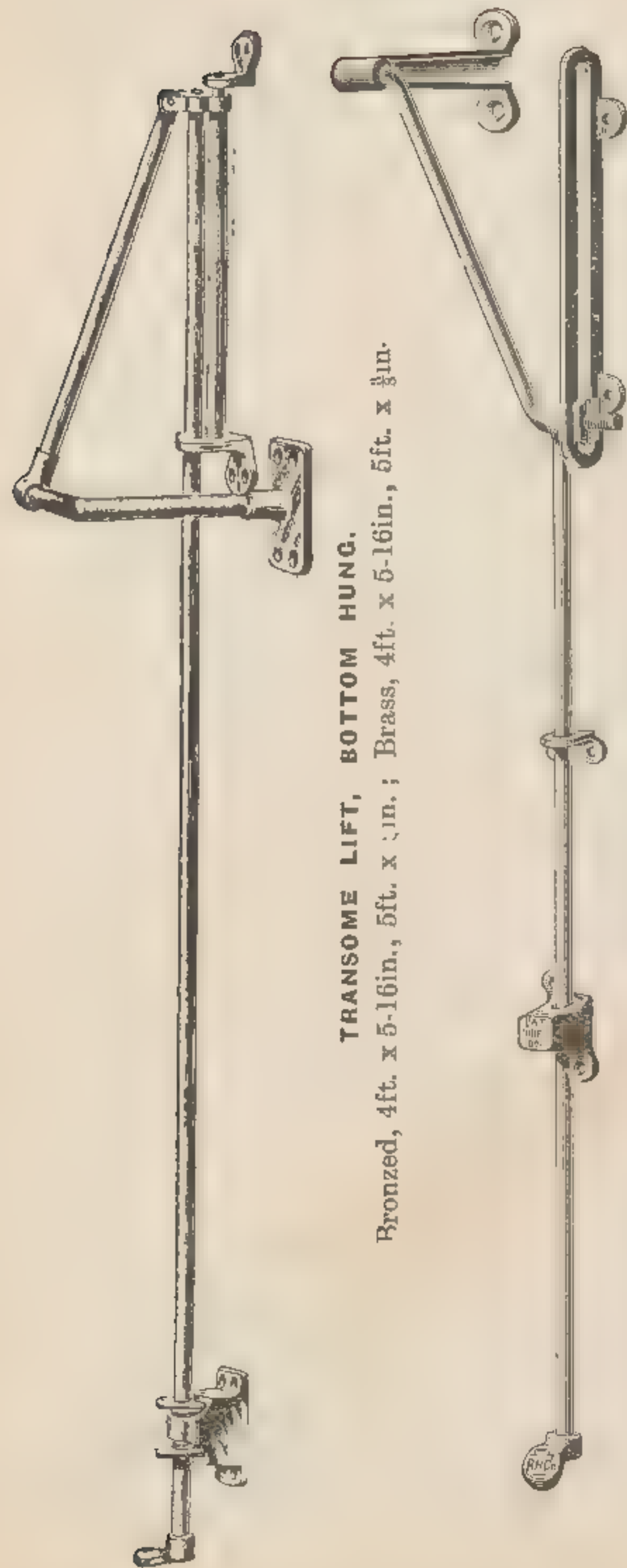
BRASS DOOR STOP.



THE NOVELTY DOOR PORTER.

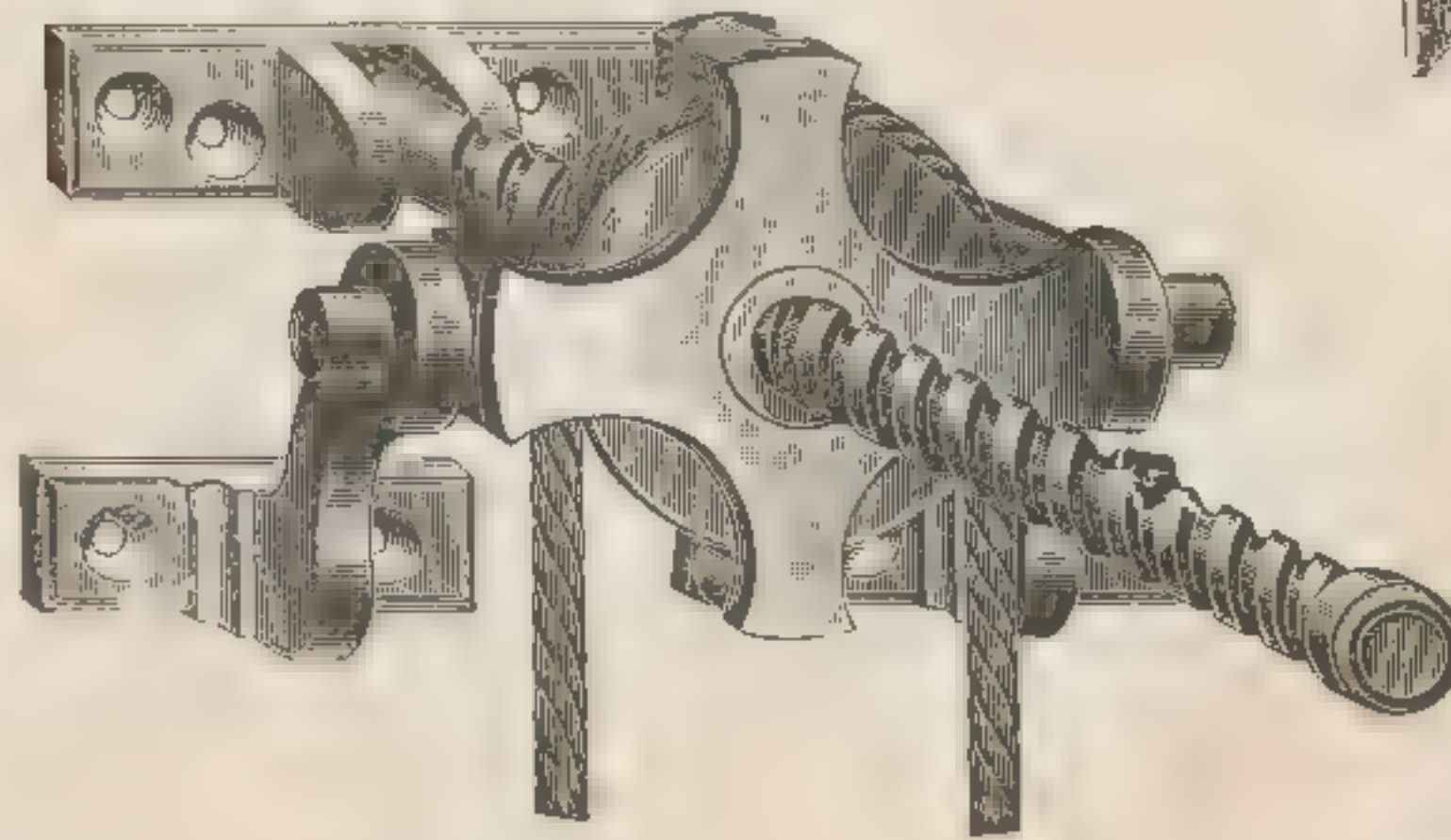
COPPERED SOFA SPRINGS. 6 x 8, 8 x 8, 8 x 7, 8 x 6, 9 x 6.

Openers, Etc.



TRANSOME LIFT, BOTTOM HUNG.
Bronzed, 4ft. x 5-16in., 5ft. x 3in.; Brass, 4ft. x 5-16in., 5ft. x 3in.

READING TRANSOME LIFT.
Suitable for Fanlights, Top, Bottom, or Pivot Hung. Bronzed Iron, 3, 4 x 1; 4 x 5-16; 5 x 3.



PRESTON'S SCREW ADJUSTMENT FOR FANLIGHTS.

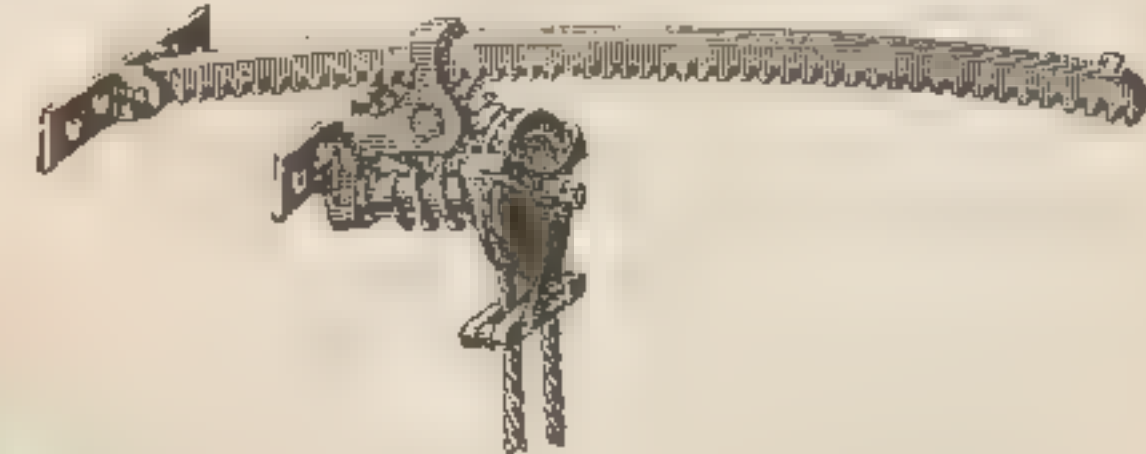
Brass, 12 x $\frac{3}{8}$, 15 x $\frac{3}{8}$, 18 x $\frac{1}{2}$ inch.



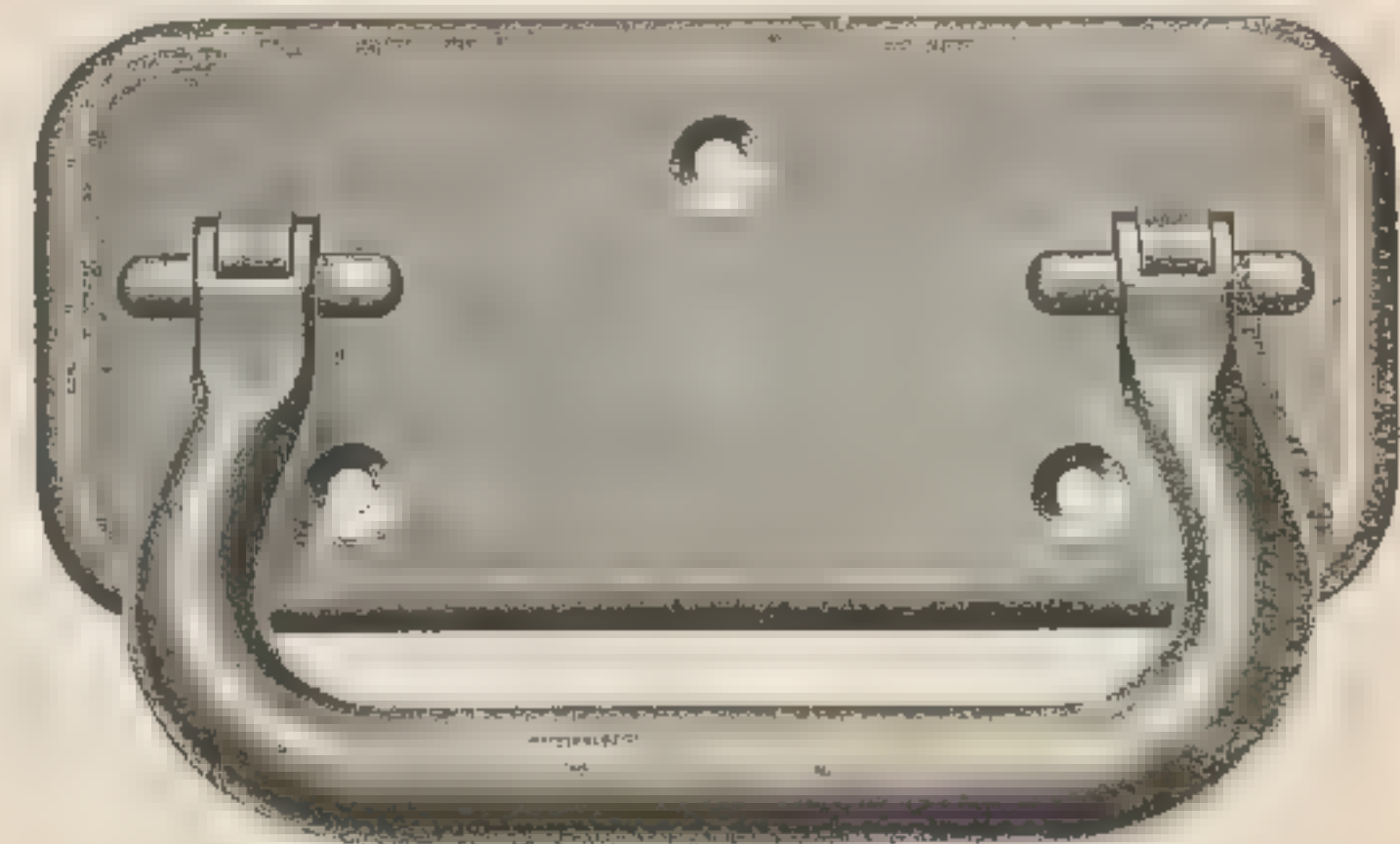
GALVANIZED SHUTTER FASTENER,
with Brass Wing.
Also ON PLATE



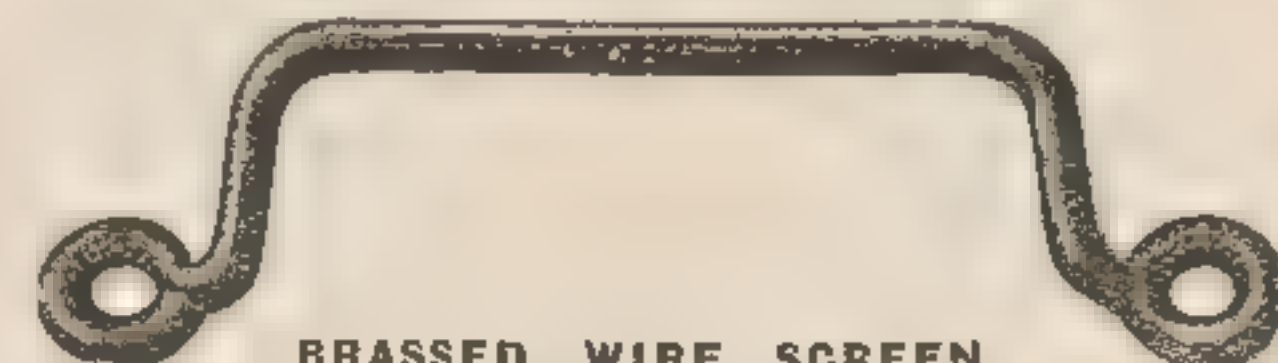
BEANLAND'S QUADRANT FOR FANLIGHT.
Bronzed Iron, 12, 16 inch.



LEGGOTT'S QUADRANT FOR FANLIGHT.
Bronzed Iron and Brass, 16 inch.
Also, for Skylights, Bronzed Iron 21 inch.



HEAVY JAPANNED CHEST HANDLES,
In Three Sizes.
Also Light Japanned Chest Handles, No. 0 to 3.

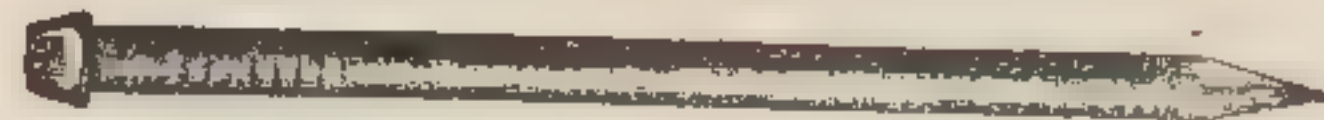


BRASSED WIRE SCREEN DOOR PULL.



JAPANNED IRON DOOR PULL.

Nails.

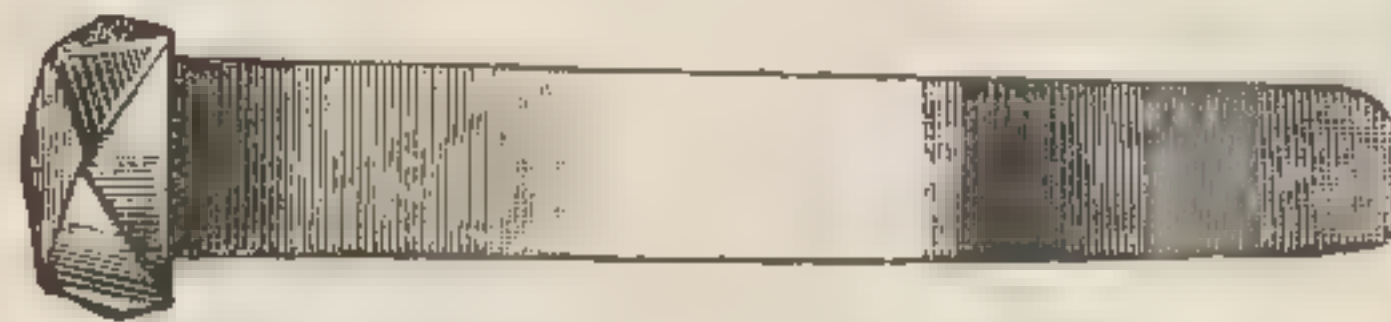


15, 15 6, 16, 16 6, 17, 18, 18 6, 20, 22, 24, 27,
8, 0 to 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17



FIVE BLOW OR DIAMOND HEAD.							Approximate Number of Nails per Pound.										FLAT CHECKERED HEAD.												
1 x 16,	15,	14	1½ x 14,	13,	12,	11	2 x 14	13,	12,	11,	10,	9	2½ x 13,	12,	11,	10,	9,	8	3 x 10,	9,	8,	7,	6	3½ x 8,	7	4 x 7,	6	5 x 5	6 x 4
1080,	840,	723	460,	340,	244,	206	280,	230,	190,	158,	120,	100	200,	150,	130,	100,	80,	65	81,	67,	60,	49,	39	44,	40,	35,	30	21	13

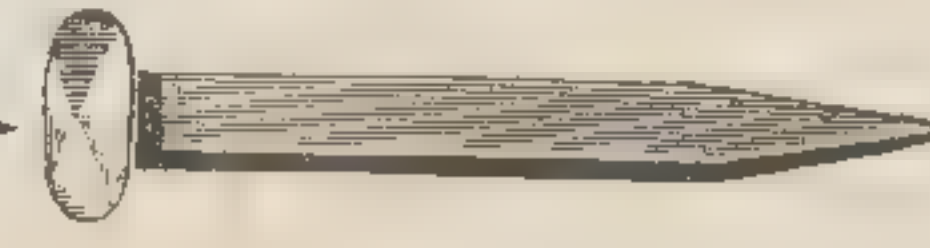
GALVANIZED WIRE NAILS STOCKED. All sizes.



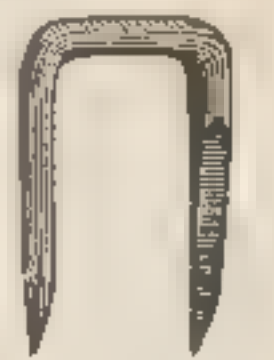
DECK HEAD SPIKE.
Black, 3, 4, 5, 6, 7 x 3/8; 6, 7, 8 x 7-16;
9, 10 x 1/2 in.
Galvanized, 3, 4, 5, 6 x 3/8 inch.



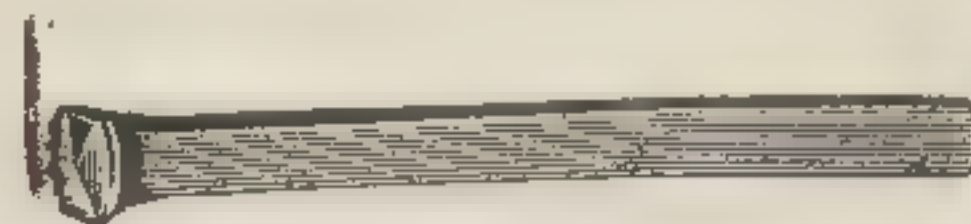
PENCIL POINT NAIL.
Galvanized Cone Head. 2, 2 1/4, 2 1/2 inch.



HURDLE NAIL.
2, 2 1/4, 2 1/2, 2 3/4, 3 inch.



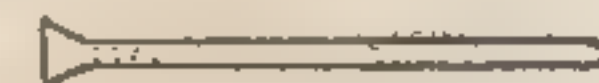
DOUBLE POINTED TACKS.
Nos. 8, 10, 11, 12.



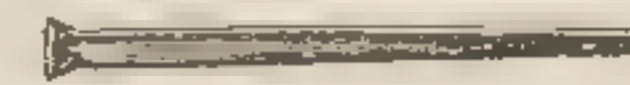
PATENT NAIL.
Black, 1 1/2, 2, 2 1/4, 3, 3 1/2, 4, 5, 6, 7 inch.
Galvanized, 1 1/4, 1 1/2, 2, 2 1/4, 3, 3 1/2, 4, 5, 6 in.



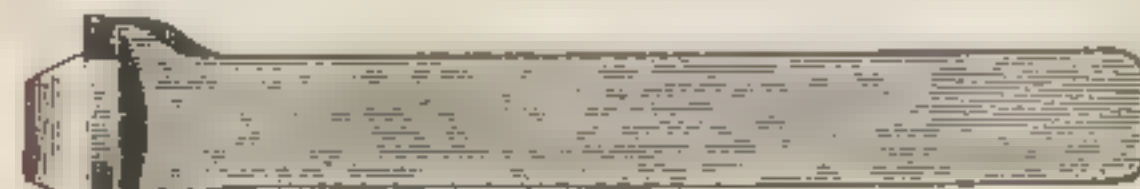
ZINC SLATE NAIL.
1 1/2, 1 1/4, 1 1/2 inch.



PANEL PIN.
3/8 to 1 1/2 inch.



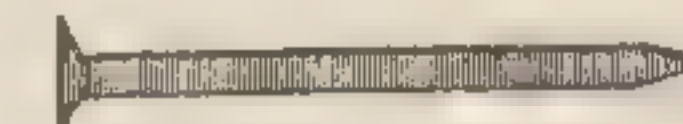
FINISHING NAIL.
1/2 to 2 1/2 inch.



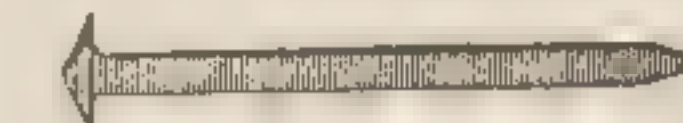
BLACK EARED DOG SPIKE.



EVENDEN'S PATENT NAIL, GALVANIZED.
Stock Sizes, 2, 2 1/4, 2 1/2 inch x 9 gauge.



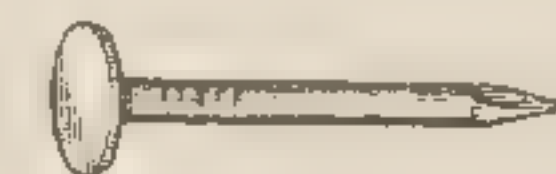
COPPER BOAT NAILS.
Rose and Flat Cask Heads.
3/4 to 6 inch x 4 to 16 inch gauge.



GIMP PIN.
Blued and Bronzed,
3/8 to 5/8 inch.



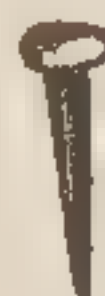
WROUGHT CLOUT
Black, 5/8, 3/4, 7/8, 1, 1 1/8, 1 1/4, 1 1/2 inch.
Galvd., 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 2, 3 in.



WIRE CLOUT NAIL.
Bright and Galvanized,
3/8 to 1 1/2 inch.



MOULDING NAIL.
1/2 to 2 inch.



LEAD HEADED NAILS,
to 2 1/2 inch.

CUT BLUED AND CUT TINNED TACKS.
In 1,000 pkts, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1 inch

TINNED.
In 1d. Boxes, half gross boxes, 3/8, 1/2, 5/8, 3/4 inch.

CUT LATH NAILS,
7/8 to 1 inch.

AMERICAN TINNED TACKS.
Quarter and Half Weights.
100 Assorted Packages, in box, 4 to 10 oz.
6 to 12

AMERICAN BLUED.

GIMP PINS,
Blued and Brass, 3/8 to 5/8.

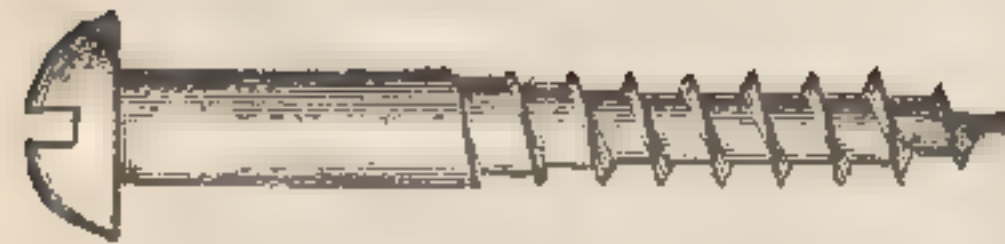
ESCUTCHEON PINS.
Brass 3/8 to 1 inch.

ONE OUNCE TACKS FOR BLINDS

CUT COPPER TACKS.
1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4 inch.

MUNTZ METAL NAILS.
All sizes

Screws, Etc.



GALVANIZED ROOFING SCREW.

Average number
to the pound.

1 x 8
144

1 1/2 x 12
60

1 3/4 x 12
55

2 x 12. 13
48 42

2 1/4 x 13
39

2 1/2 x 13, 14 3 in. x 14 gauge
35 31 27



COUNTERSUNK HEAD STOVE SCREW.

3/8 x 1/2. 3/4 x 3-16, 1/2. 1 x 3-16, 1/4, 5-16, 3/8. 1 1/4 x 5-16, 3/8 inch. 1 1/2 x 3-16, 1/2. 1 3/4 x 3-16, 1/2. 1 1/2 x 1/2, 5-16, 3/8 inch.

SQUARE TAPPED NUTS FOR DITTO.



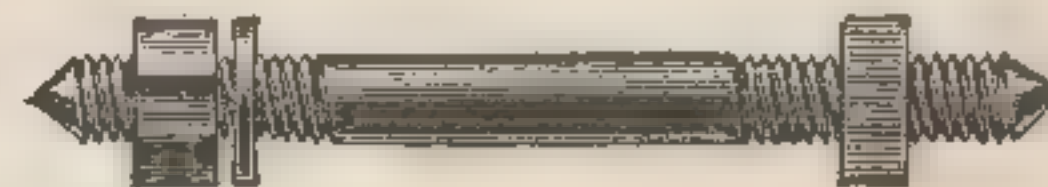
ROUND HEAD STOVE SCREW.

1 x 3 16, 1/4, 5-16, 3/8. 1 1/4 x 1/2, 5-16, 3/8 inch.



HEXAGON HEAD SET SCREW.

3/4 to 2 x 3/8. 1 to 2 x 7-16 in.
1 to 2 1/2 x 1/2. 1 to 2 x 9-16
1 1/2 to 2 1/2 x 5/8 inch.



HANDRAIL SCREW.

4 x 5-16. 5 x 3/8. 6 x 3/8.



DOWEL SCREW.

1 1/2, 2, 2 1/2 inch.

SCREWS FOR LEAD TRAPS.

1 1/4, 1 1/2, 2 inch.

SAW SCREWS.

All kinds.

GALVANIZED GUTTER SCREWS.

6, 7, 8 inch.

SPINDLE SCREWS.

COTTER PINS



Lengths	To 1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/2	5	5 1/2	6 List.
1-16 Nominal Diameter	1/1	1/2	1/4	1/6	1/8	1/10	2/-	2/2	2/4								
3-32	1/1	1/2	1/4	1/6	1/8	1/10	2/-	2/2	2/4								
1/8	1/2	1/3	1/5	1/7	1/9	1/11	2/1	2/3	2/5	2/7	2/9	2/11	3/2				
5-32	1/4	1/5	1/7	1/9	1/11	2/1	2/3	2/5	2/7	2/9	3/-	3/3	3/6	3/9	4/-		
3-16	1/6	1/8	1/10	2/-	2/2	2/4	2/6	2/9	3/-	3/3	3/6	3/9	4/-				
7-32	2/-	2/3	2/6	2/9	3/-	3/3	3/6	3/9	4/-	4/4	4/8	5/	5/4	6/-			
1/4	2/4	2/7	2/11	3/3	3/6	3/9	4/-	4/4	4/8	5/-	5/6	5/10	6/3	7/3	8/-		
9-32	3/-	3/4	3/8	4/-	4/6	5/-	5/6	6/-	6/6	7/-	7/6	8/-	8/6	9/6	10/6		
5-16			7/-	7/6	8/-	8/6	9/-	9/8	10/4	11/-	11/8	12/6	13/4	14/8	16/-	17/4	
3/8					9/8	10/4	11/-	11/8	12/4	13/-	13/8	14/4	15/-	16/4	17/8	19/-	
7-16							12/8	13/8	14/6	15/4	16/-	16/8	17/4	18/8	20/-	21/4	22/8

Wood Screws.

Nettlefold's Patent Pointed Iron Wood Screws, Countersunk Heads. List.

$\frac{3}{8}$ & $\frac{1}{2}$ Inch.			$\frac{5}{8}$ Inch.			$\frac{3}{4}$ Inch.			$\frac{7}{8}$ & 1 Inch.			1 $\frac{1}{4}$ Inch.			1 $\frac{1}{2}$ Inch.			1 $\frac{3}{4}$ Inch.			2 Inch.		
No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.
1	...	0 8 $\frac{1}{2}$	2	...	0 9 $\frac{1}{2}$	3	...	0 10	4	...	1 0 $\frac{1}{2}$	5	...	1 3 $\frac{1}{4}$	6	...	1 6	7	...	1 10 $\frac{1}{2}$	8	...	2 0
2	...	0 8 $\frac{1}{2}$	3	...	0 9 $\frac{1}{2}$	4	...	0 10	5	...	1 1	6	...	1 4	7	...	1 6 $\frac{1}{2}$	8	...	1 11	9	...	2 1
3	...	0 8 $\frac{1}{2}$	4	...	0 9 $\frac{1}{2}$	5	...	0 11	6	...	1 1 $\frac{1}{2}$	7	...	1 5	8	...	1 7 $\frac{1}{2}$	9	...	1 11 $\frac{1}{2}$	10	...	2 2
4	...	0 8 $\frac{1}{2}$	5	...	0 10	6	...	1 0	7	...	1 2 $\frac{1}{2}$	8	...	1 5 $\frac{1}{2}$	9	...	1 8 $\frac{1}{2}$	10	...	2 0	11	...	2 4
5	...	0 9	6	...	0 11	7	...	1 1	8	...	1 3	9	...	1 6 $\frac{1}{2}$	10	...	1 9	11	...	2 2	12	...	2 8
6	...	0 9 $\frac{1}{2}$	7	...	1 0	8	...	1 1 $\frac{1}{2}$	9	...	1 3 $\frac{1}{2}$	10	...	1 7 $\frac{1}{2}$	11	...	1 11	12	...	2 4	13	...	3 0
7	...	0 11	8	...	1 1	9	...	1 2 $\frac{1}{2}$	10	...	1 4 $\frac{1}{2}$	11	...	1 9	12	...	2 1	13	...	2 8	14	...	3 4
8	...	1 0	9	...	1 2	10	...	1 3	11	...	1 6 $\frac{1}{2}$	12	...	1 11	13	...	2 4	14	...	3 0	16	...	4 0
9	...	1 1	10	...	1 3	11	...	1 4	12	...	1 7 $\frac{1}{2}$	13	...	2 1	14	...	2 8	16	...	3 8	18	...	4 9
10	...	1 2	11	...	1 4	12	...	1 5 $\frac{1}{2}$	13	...	1 10	14	...	2 4	16	...	3 4	18	...	4 5	20	...	5 6
			13	...	1 5	13	...	1 8	14	...	2 0	16	...	3 0	18	...	4 0						
						14	...	1 10	16	...	2 7												

2 $\frac{1}{4}$ Inch.			2 $\frac{1}{2}$ Inch.			3 Inch.			3 $\frac{1}{2}$ Inch.			4 Inch.			5 Inch.			6 Inch.		
No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.
9	...	2 5	10	...	2 8	12	...	4 0	14	...	5 10	16	...	8 1	18	...	13 6	18	...	20 0
10	...	2 6	11	...	3 0	14	...	4 9	16	...	7 2	18	...	9 10	20	...	15 6	20	...	20 0
11	...	2 8	12	...	3 4	16	...	5 10	18	...	9 0	20	...	11 6	24	...	20 0	24	...	25 0
12	...	3 0	13	...	3 8	18	...	7 3	20	...	10 8	24	...	14 4						
13	...	3 4	14	...	4 0	20	...	8 7	24	...	13 8									
14	...	3 8	16	...	4 9	24	...	11 8												
16	...	4 5	18	...	5 6															
			20	...	6 4															

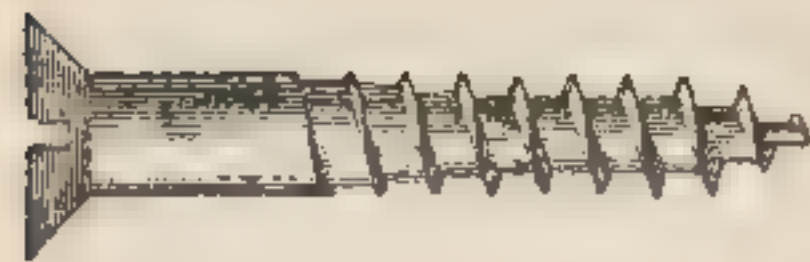
Japanned Round Head Patent Pointed Iron Wood Screws. List.

CHARGED ONE SIZE HIGHER THAN LISTED.

To $\frac{1}{2}$ Inch.			$\frac{5}{8}$ Inch.			$\frac{3}{4}$ Inch.			$\frac{7}{8}$ and 1 Inch.			1 $\frac{1}{4}$ Inch.			1 $\frac{1}{2}$ Inch.			1 $\frac{3}{4}$ Inch.			2 Inch.			2 $\frac{1}{4}$ Inch.		
No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.	No.	s.	d.
1	...	0 10	3	...	0 11	4	...	1 0	6	...	1 5	7	...	1 8	8	...	1 11	9	...	2 1	9	...	2 6	11	...	3 8
2	...	0 10	4	...	0 11	5	...	1 1	7	...	1 6	8	...	1 9	9	...	2 0	10	...	2 2	10	...	2 8	12	...	4 0
3	...	0 10	5	...	1 0	6	...	1 2	8	...	1 7	9	...	1 10	10	...	2 2	11	...	2 4	11	...	3 0			
4	...	0 10	6	...	1 0	7	...	1 3	9	...	1 8	10	...	1 11	11	...	2 4	12	...	2 8	12	...	3 4			
5	...	0 11	7	...	1 1	8	...	1 4	10	...	1 9	11	...	2 1	12	...	2 8									
6	...	1 0	8	...	1 2	9	...	1 5	11	...	1 11	12	...	2 4												
			9	...	1 3	10	...	1 7	12	...	2 1															
			10	...	1 5																					

2 $\frac{1}{2}$ Inch.			3 Inch.		
No.	s.	d.	No.	s.	d.
10	...	3 0	14	...	6 6
11	...	3 4			
12	...	3 8			

Wood Screws—Continued.



BRASS, COUNTERSUNK HEADS. List.

$\frac{1}{4}$, $\frac{3}{8}$ & $\frac{1}{2}$ Inch.				$\frac{5}{8}$ Inch.				$\frac{3}{4}$ Inch.				$\frac{7}{8}$ & 1 inch.				1 $\frac{1}{4}$ Inch.				1 $\frac{1}{2}$ Inch.			
No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.	
4	..	1	6	4	..	1	8	4	..	1	10	6	..	2	9	6	..	3	3	6	..	4	0
5	..	1	7	5	..	1	10	5	..	2	0	7	..	3	0	7	..	3	7	7	..	4	4
6	..	1	9	6	..	2	0	6	..	2	3	8	..	3	4	8	..	4	0	8	..	4	8
7	..	2	0	7	..	2	3	7	..	2	6	9	..	3	8	9	..	4	5	9	..	5	2
8	..	2	3	8	..	2	5	8	..	2	8	10	..	4	1	10	..	4	11	10	..	5	9
				9	..	2	8	9	..	3	0	11	..	4	8	11	..	5	6	11	..	6	4
				10	..	3	0	10	..	3	4	12	..	5	0	12	..	6	0	12	..	7	0
								11	..	3	10									13	..	7	9
								12	..	4	4									14	..	8	7
1 $\frac{3}{4}$ Inch.				2 Inch.				2 $\frac{1}{2}$ Inch.				3 Inch.				4 Inch.							
No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.					
10	..	6	7	10	..	7	5	10	..	10	0	10	..	14	6	14	..	22	0				
11	..	7	3	12	..	9	0	12	..	11	0	12	..	14	6	16	..	25	0				
12	..	8	0	14	..	10	11	14	..	13	3	14	..	15	7	18	..	29	0				
14	..	9	9	16	..	13	2	16	..	15	10	16	..	18	6								
				18	..	16	0					18	..	22	0								
				20	..	19	2																



BRASS, ROUND HEAD. List.

$\frac{3}{8}$ Inch.				$\frac{1}{2}$ Inch.				$\frac{5}{8}$ Inch.				$\frac{3}{4}$ Inch.				1 Inch.							
No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.					
2	..	1	7	2	..	1	10	3	..	2	0	4	..	2	6	6	..	3	7				
3	..	1	7	3	..	1	10	4	..	2	0	5	..	2	9	8	..	4	5				
4	..	1	7	4	..	1	10	5	..	2	3	6	..	3	0	9	..	4	11				
5	..	1	9	5	..	2	0	6	..	2	6	7	..	3	4	10	..	5	5				
6	..	2	0	6	..	2	3	7	..	2	8	8	..	3	8	12	..	6	8				
				7	..	2	5																
				8	..	2	8																
1 $\frac{1}{4}$ Inch.				1 $\frac{1}{2}$ Inch.				1 $\frac{3}{4}$ Inch.				2 Inch.				2 $\frac{1}{2}$ Inch.							
No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.		No.	s.	d.					
6	..	4	4	8	..	6	0	10	..	8	3	10	..	9	0	12	..	13	9				
7	..	4	8	10	..	7	3	11	..	9	0	12	..	11	0	14	..	15	9				
8	..	5	2	12	..	8	9	12	..	10	0												
9	..	5	9					13	..	11	0												
10	..	6	4																				
12	..	7	9																				
																3 Inch.							
																No.	s.	d.					
																12	..	17	0				
																14	..	20	0				

Ruberoid. List.

Ruberoid Roofing ...	{ 1 Ply, 36 in. wide, 19/- per Roll 2 " " 23 3 " 3 " " 30/- " 36 inches wide 37/6 " 36 " 38 6 per Roll 38/6 "	} 72 ft. long	{ Covering 200 square feet (two squares), including Laps. Ruberine, Tacks and Caps for fixing free.
Ruberoid Red Roofing Brown "	36 inches wide 38 6 per Roll	} 72 ft. long	{ Permanent Color.
Ruberoid for Floors	{ SLATE... .. 37/6 per Roll RED OR BROWN 38 6 "	} 72 ft. long	{ Covering 210 square feet. No pattern. Permanent Color.
Ruberoid Dampcourse (Horizontal)	{ 4 3/4 inches wide 6/- per Roll 9 1/2 " 12/- " 14 " 17/- " 18 1/2 " 22/- " 23 " 26/9 " 27 1/2 " 31/3 " 36 " 37/6 " 39 " 41/6 "	} 72 ft. long	{ Absolutely unaffected by contact with Lime or Cement. Will not rot. Cheap and enduring.
Ruberoid Dampcourse (Vertical)	{ 36 inches wide 42/- per Roll	} 72 ft. long	{ Including Dampcourse Compound.
Giant Building Papers	{ 1 Ply, 36 in. wide 17/9 per Roll 2 " " 22/6 " 3 " " 29/- " 4 " " 40/- "	} 333 1/3 ft. long	{ Covering 1,000 square feet, or 10 squares.
Hercules Building Papers	{ 1 Ply, 36 in. wide 15/- per Roll 2 " " 20/- " 3 " " 27/6 " 4 " " 35 "		
Ruberoid Cloth	29 in. wide 1/3 per yard	150 ft. long	
Waterproof Felt, No. 7	32 in. wide 18/6 per Roll	about 150 ft. long ..	{ For use under Metal, Slates or Tiles. Covering 400 square ft.

		PRICE.							Covering	Specification.	
		5 Gal.	1 Gal.	½ Gal.	¼ Gal.	tins.	Color.		per Gal.		
S.P.C. Paints (Special)	No. 1	6/3	6/9	...	...	per Gal.	{ Black	..	250	{ Water, Acid and Damp Proof	
	No. 2	6/-	6/6	...	...	..		200	sq. ft.		..
	No. 3	5/9	6/3	...	...	..		150	..		..
Ruberine Paint	..	6/-	6/6	6/9	7/-	..	Black	..	200	{ Jointing and Coating for Ruberoid Roofing.	
" "	..	6/-	6/6	6/9	7/-	..	Red	..	250		..
Flexite Paint	{	8/6	9/-	...	...	..	Red	..	600	{ Preservative and Metal Roof Paint, Water Proof.	
		9/-	9/6	...	...	..	Olive	..	600		..
		10/-	10/6	..	...	..	Green	..	600		..
S.P.C. Flexible Iron Paint		4/6	5/-	...	...	..	Black	...	200	{ Prevents Corrosion, Resists Acids and Alkalies.	
S.P.C. Armature Varnish		18/3	19/3	...	...	..	Black	..	175	{ Great Insulating Qualities Highest Grade.	
S.P.C. Electrical Compound		6/-	6/6	...	...	..	Black	..	175	{ Insulating Wires, and General Electrical Work.	

Malthoid. List.

Malthoid Floorcloth	... 36 in. wide, 37/6 per Roll ...	72 feet long.	Each roll will cover a surface, 10 ft. x 20 ft. Grey only. No pattern.
Malthoid Roofing	... { ½ ply 36 in. wide ... 19/- per Roll 1 " " ... 23/6 " 2 " " ... 30/- " 3 " " ... 37/6 " 5 Gals. 1 Gal. ½ Gal. ¼ Gal. Tins 40/- 8/6 4/6 2/6 Each 4¾ in. wide ... 6/- per Roll 9½ " ... 12/- " 14 " ... 17/- " 18½ " ... 22/- " 23 " ... 26/6 " 27½ " ... 31/- " 36 " ... 37/6 " }	72 feet long.	Each roll will cover a surface, 10 ft. x 20 ft., including Laps. Cement, Nails and Washers furnished free.
Malthoid Compound	Cement FREE for Seams		Each gallon will cover 200 square feet.
Malthoid (Horizontal) Dampcourse	... { 18½ " ... 22/- " 23 " ... 26/6 " 27½ " ... 31/- " 36 " ... 37/6 " }	72 feet long. <i>(Handwritten: 10)</i>	Is absolutely unaffected by contact with lime or cement. It will not run with heat or compression.
Cheapest and Most Enduring Known.			
Malthoid (Vertical) Dampcourse	... 36 in., 72 feet long, 42/- ...		Including Dampcourse Compound
P. & B. Ready Roofing	{ Extra Heavy, in rolls, 32 inches wide 80 feet long, covers 2 squares. Gravelled, " 32 " 40 " 1 square 30/- per Square		Sufficient nails and roofing cement for fixing each roll are supplied free. Specially designed for roof gardens.
P. & B. Building Paper	... { 1 ply 36 in. wide, 17/- per Roll 2 " " ... 23/- " 3 " " ... 29 " 4 " " ... 40/ " 1 " " ... 15 " 2 " " ... 20 " 1 " " 6/ " 2 " " ... 22/ " 3 " " ... 28/ " }	336 feet long.	Each roll of paper will cover a surface, 10 ft. x 100 ft. Full measure guaranteed.
B. & P. Pile Covering (Extra Heavy)	... { In portable rolls, 32 inches wide, 30/- per Roll. }	40 feet long.	Galvanised Clout Nails, Cement Paint, and Paint are extra.
P. & B. Asphalt Saturated Felt	... { No. 2, 32 in. wide, 10/6 per Roll No. 3 " " 10/6 " }	about 125 ft. long. " 200 "	For lining silos, metal, and other ceilings, or roofs.

P. & B. PAINTS AND COMPOUNDS.

All Prices Quoted are for AMERICAN LIQUID MEASURE. American Quart or Gallon equals .8331 Imperial Quart or Gallon.

[illegible]

Ridging, Gutter, Etc.

LIST.

O.G. and Quarter Round Gutter,					Stock 26	24Q.
per length						
4 inch	"	"	1/2 1/2	1/6	1/9	
4 1/2 "	"	"	1/4	1/9	1/11 1/2	
5 "	"	"	1/6	1/11	2/1 1/2	
6 "	"	"	1/8	2/2	2/5	

2 in. Down Pipe, per length ..					Stock 26	24Q.
2 1/2 "	"	"	"	"	1/2	1/4 1/7
2 1/2 "	"	"	"	"	1/4 1/2	1/7 1/2 1/11 1/2
3 "	"	"	"	"	1/7 1/2	1/11 2/2 1/2
3 1/2 "	"	"	"	"	1/9 1/2	2/2 2/6
4 "	"	"	"	"	2/0 1/2	2/6 3/-
4 "	"	"	"	Tarred Inside		3/4

2 1/2 in. Plain Heads, each ..					Stock 26	24Q.
3 "	"	"	"	"	3/-	4/-
3 1/2 "	"	"	"	"	3/5	4/5
4 "	"	"	"	"	3/6	4/6

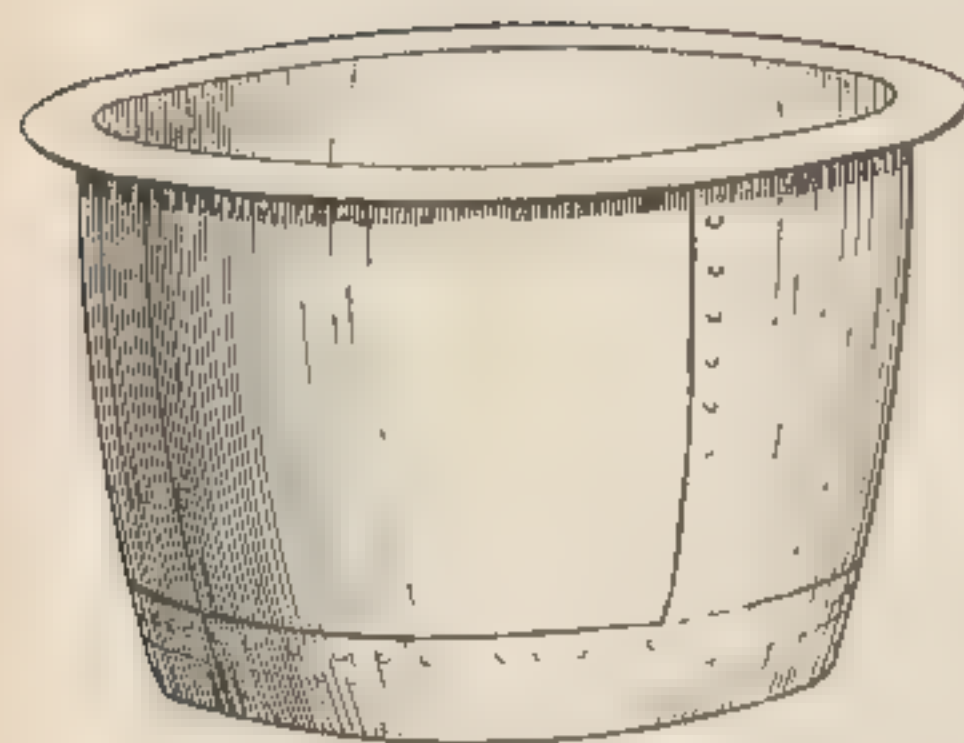
2 in. O.G. Heads, each ..					Stock 26	24Q.
2 1/2 "	"	"	"	"	4/6	5/6
3 "	"	"	"	"	4/6	5/6
3 1/2 "	"	"	"	"	5/-	6/-
4 "	"	"	"	"	5/6	6/8
4 "	"	"	"	"	6/4	7/4

4 in. H.R. Gutter, per length					1 1 1/2	1 4	1 8
6 "	"	"	"	"	1/2 1/2	1/6	1/9
4 1/2 "	"	"	"	"	1/4	1/8	1/11 1/2
5 "	"	"	"	"	1/6	1/10	2/1 1/2

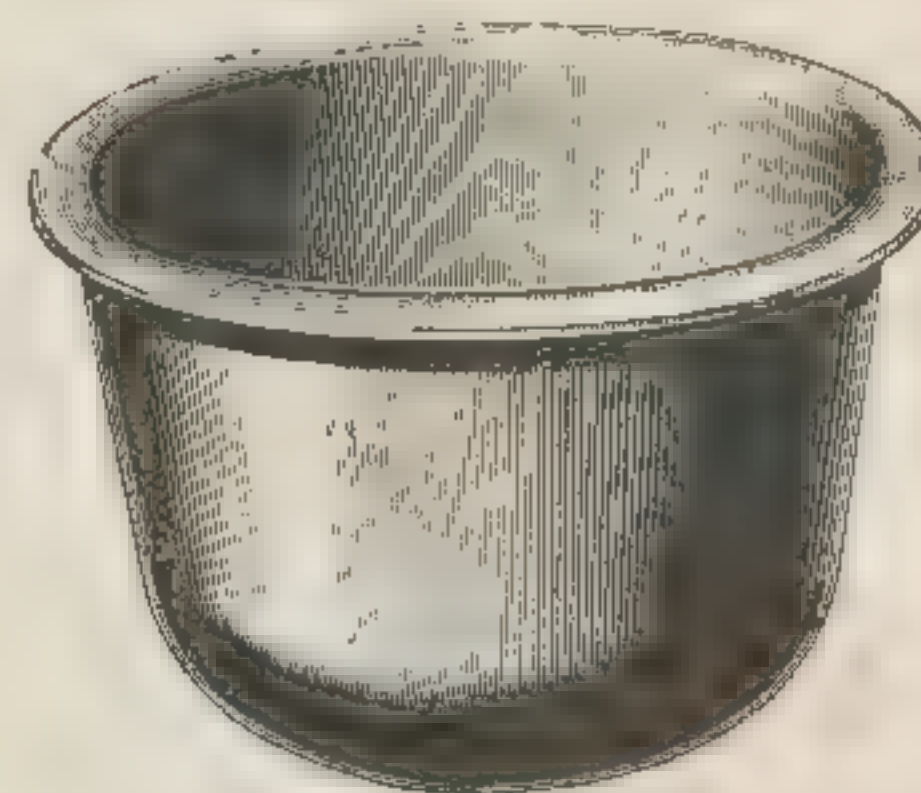
12 in. Ridging, per length ..					1/7	2/2	2/7
14 "	"	"	"	"	1/10	2/4	2/10 1/2
15 "	"	"	"	"	2/-	2/7	3/2
16 "	"	"	"	"	2/2	2 9	3 5 1/2
18 "	"	"	"	"	2/6	3/1	3/11

3 in. O.G. Angles, each ..					1/6	2 6
3 1/2 "	"	"	"	"	1/6	2/6
4 "	"	"	"	"	1/7	2/7
4 1/2 "	"	"	"	"	1/8	2/8
5 "	"	"	"	"	1/10	2/10
6 "	"	"	"	"	2/-	3/-

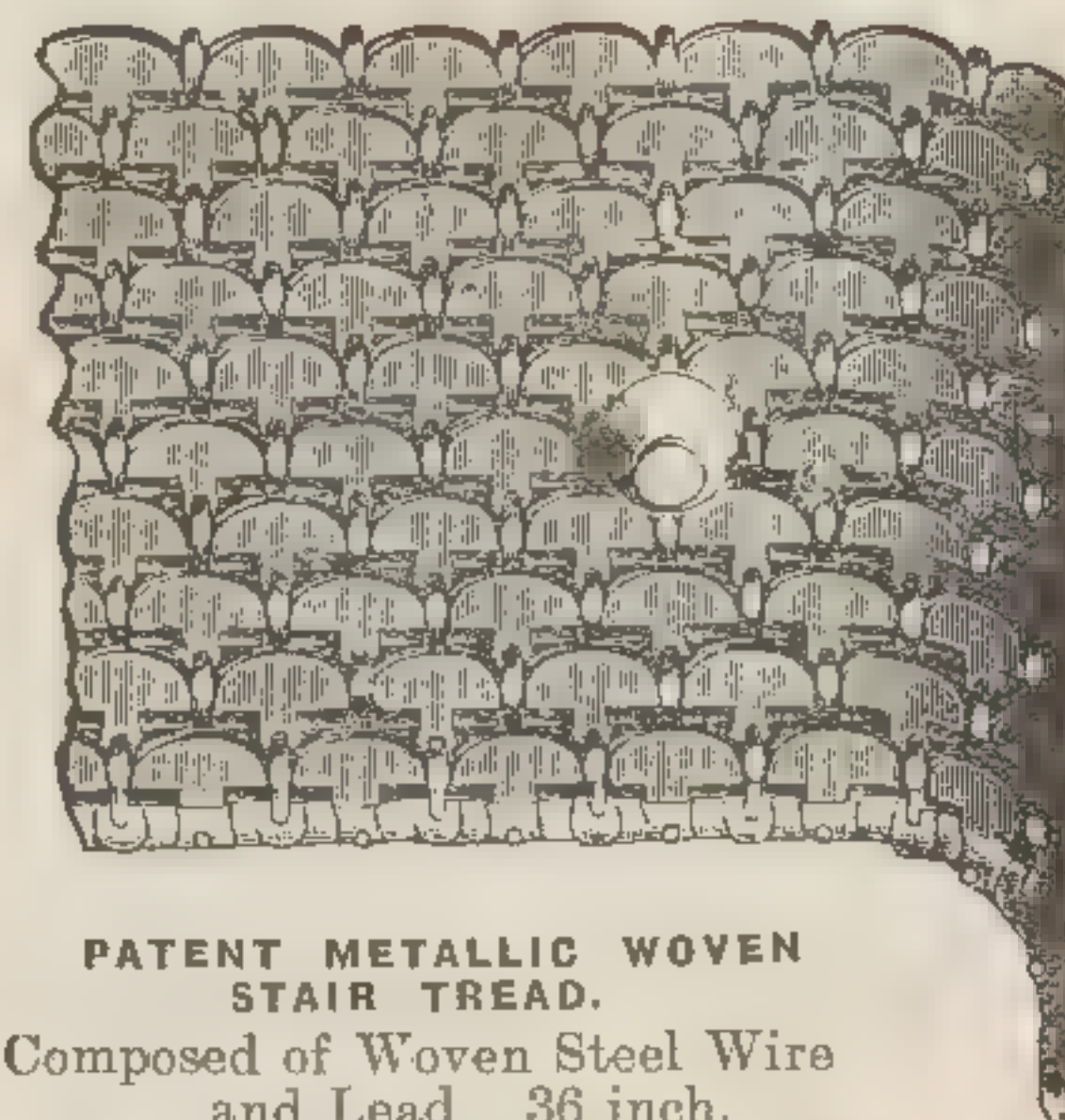
Coppers, Furnace Pans, Etc.



COPPERS.



CAST IRON FURNACE PAN.



PATENT METALLIC WOVEN STAIR TREAD.

Composed of Woven Steel Wire and Lead, 36 inch.

LIGHT RIVETTED.

Inside Measurements.		
	dia.	depth.
10 gal. ..	17½	x 13 in.
12 „ ..	19½	x 13½
14 „ ..	19½	x 14
16 „ ..	21	x 14½
18 „ ..	22	x 15½

SPUN TOP BRAND.

10 gal. ..	18½	x 13 in.
12 „ ..	19½	x 14½

SPUN GLOBE.

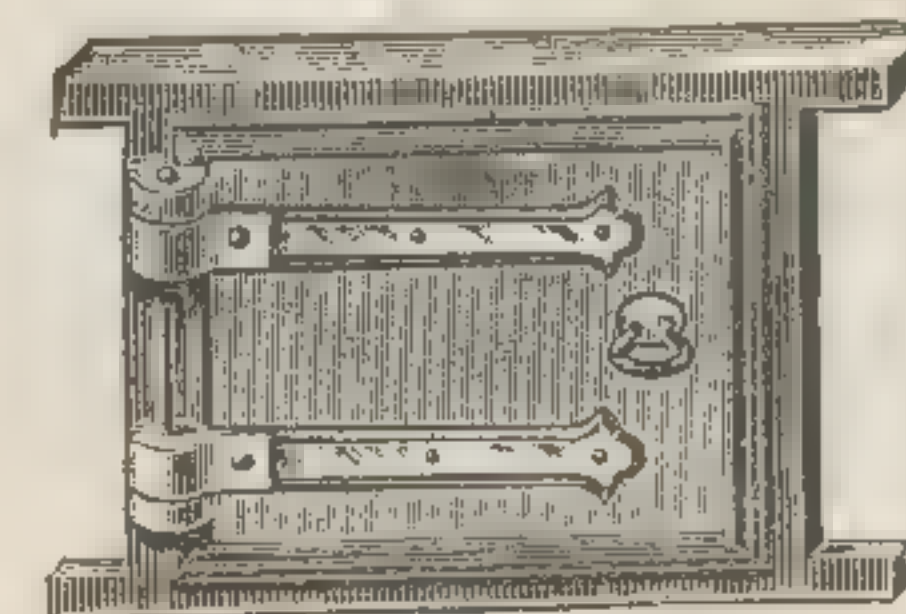
Inside Measurements.		
	dia.	dep.
10 gal. ..	18	x 13½
12 „ ..	19½	x 13½
14 „ ..	20½	x 14½
16 „ ..	21	x 15
18 „ ..	22	x 16½
20 „ ..	23	x 17½

Inside Measurements.

18 gal. ..	23½	x 16½	54 lbs.
20 „ ..	24½	x 17	63 „
25 „ ..	24½	x 19	75 „
30 „ ..	26	x 21	94 „
40 „ ..	27½	x 21½	140 „
50 „ ..	29½	x 21½	168 „
60 „ ..	31½	x 22½	188 „
70 „ ..	32	x 23½	260 „
100 „ ..	36	x 27	324 „
120 „ ..	38½	x 28½	348 „
150 „ ..	42½	x 30½	456 „
200 „ ..	47	x 32	552 „

MEDIUM RIVETTED.

14 gal. ..	20	x 14
16 „ ..	21	x 15
18 „ ..	22	x 16



FURNACE DOOR. All Sizes.

HEAVY RIVETTED (ENGLISH) APPROX.

10 gal. ..	18	x 14
12 „ ..	19	x 14½
14 „ ..	20	x 15½
16 „ ..	21	x 16
18 „ ..	22	x 18
20 „ ..	23	x 18½
25 „ ..	25	x 19½
30 „ ..	26	x 19½

FURNACE DOORS

No. 2,	6½	x 8
No. 3,	7½	x 9
No. 4,	8	x 10
No. 5,	10	x 12
No. 6,	10	x 13

AND

GRATES.

7	x 10	for 8 gal.
8	x 11	for 10 to 12.
9	x 12	for 14, 16, 18.
10½	x 13½	for 20 to 25.
12	x 18	for 30 up.

DAMPERS

No. 1 ..	9	x 4½
No. 2 ..	6	x 6
No. 3 ..	8	x 6
No. 4 ..	10	x 8

PORTABLE COPPER FRAMES.

Gallons ..	10	12	14	16	18	20
Inside Diameter ..	18½	19½	20½	21½	22½	23½ inches.

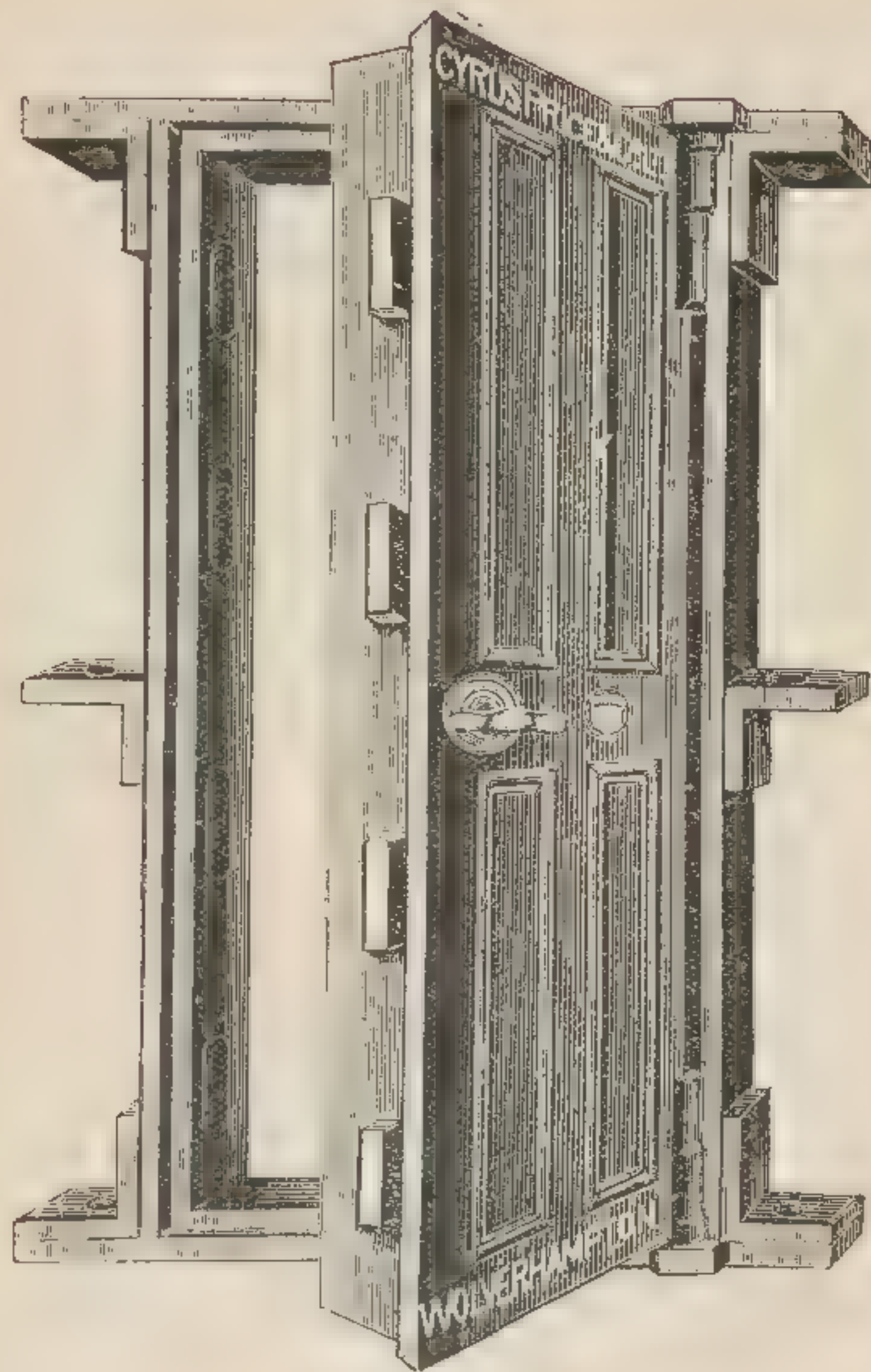


FURNACE GRATE. All Sizes



SASH WEIGHT. All Sizes.

Fire Resisting Safes, Etc.



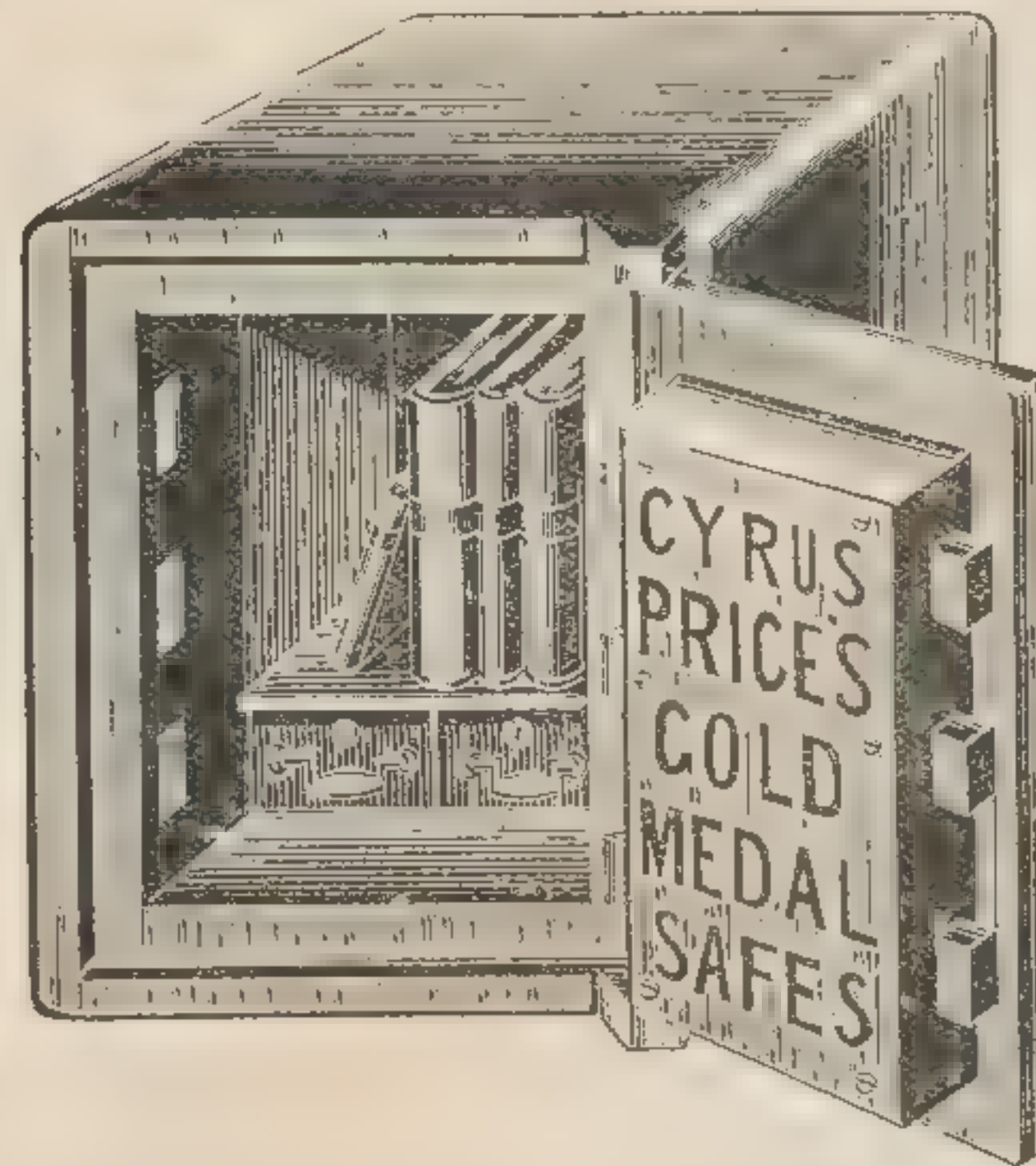
STRONG ROOM DOOR.

6ft 1½ in. x 2ft. 6in.

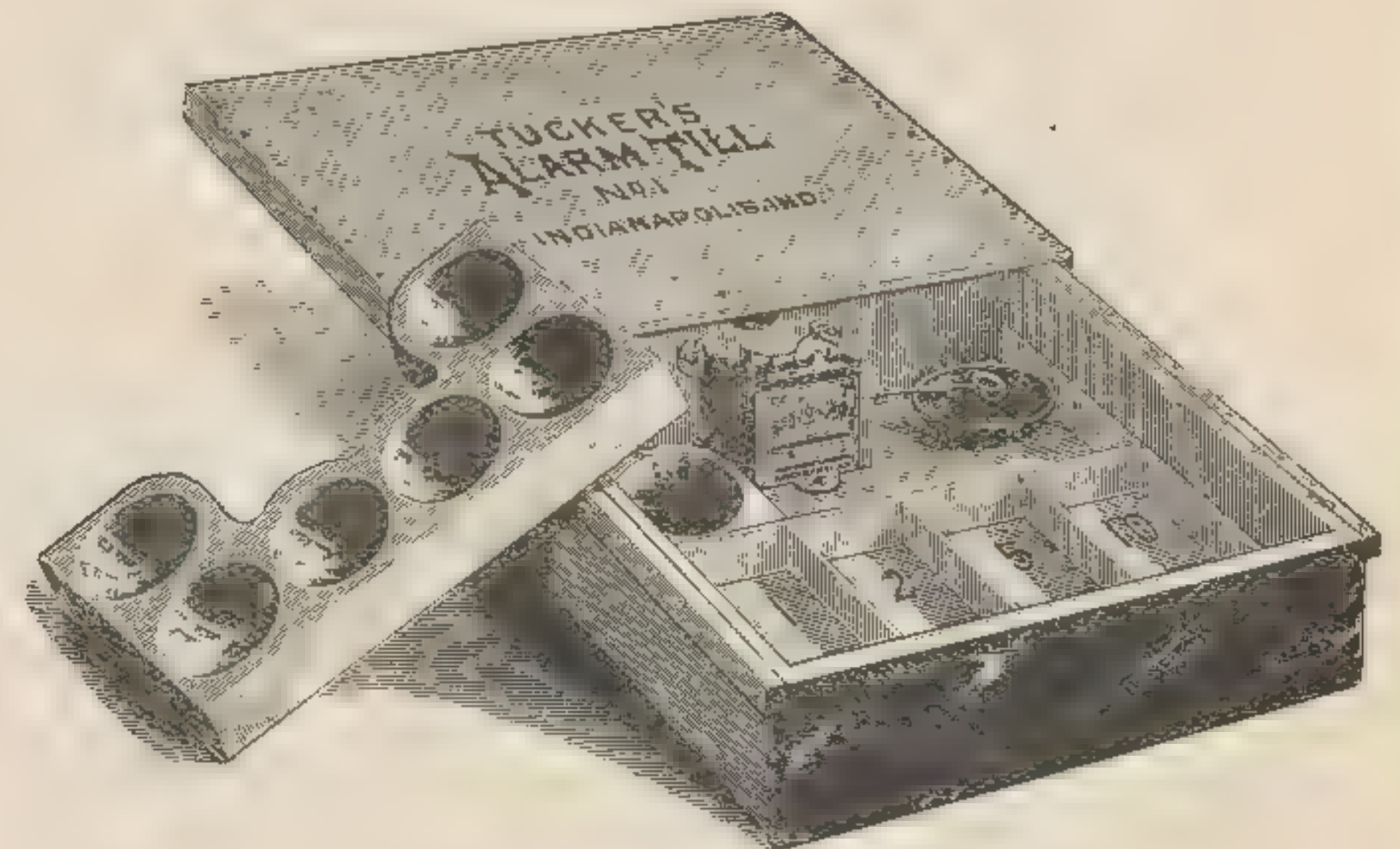
The outer Body Shell of Safe is Bent Cold by Powerful Hydraulic Machinery out of a single Steel Plate $\frac{3}{8}$ inch thick, which is Bent Cold over the back plate, rendering back of Safe absolutely immovable.

The Door Plate is of $\frac{1}{2}$ inch Solid Steel, and the large Bolts are thrown at front, top, and bottom, and large dogs at back, by large Brass T Handle and secured with **CYRUS Price & Co.'s** own Patent Prize Medal Gunpowder Proof Unpickable Steel Guarded Best Lever Lock with two small solid steel Pin Keys. Nicely painted and decorated.

The Strong Room Doors are of Solid Steel, hung on Strong Wrought Iron Steeled Centres. Filled lock case, secured to doors with large pins and same locks as Safes.

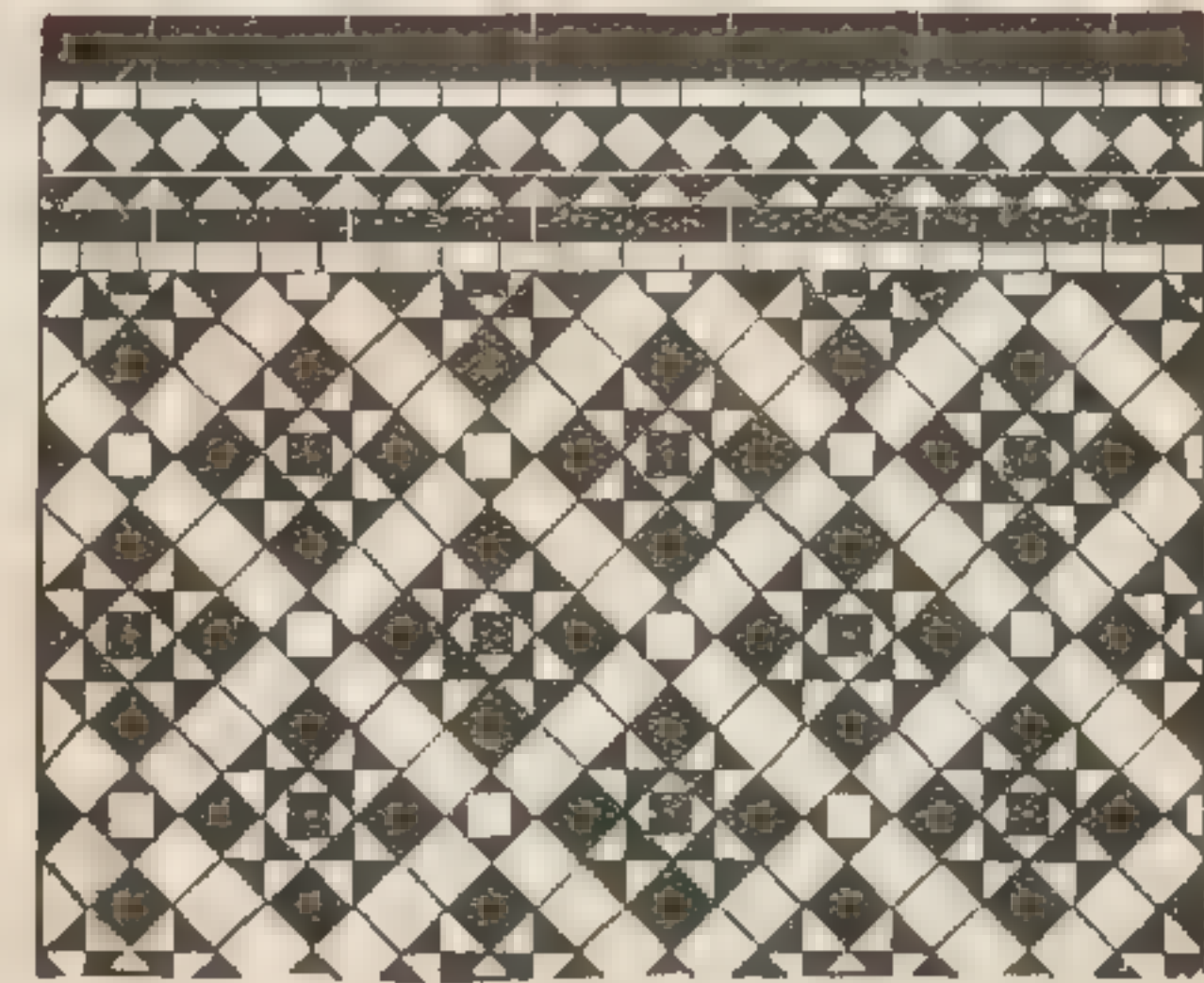


OUTS OF				INSIDE ABOVE DRAWERS		
24	x	17	x	15	14	x 11 x 9½
26	x	18	x	16	15½	x 11½ x 10
28	x	20	x	18	18	x 14½ x 13
30	x	20	x	20	19½	x 14 x 14
33	x	22	x	20	21½	x 15 x 14
36	x	24	x	22	23½	x 17½ x 15
36	x	26	x	24	23½	x 19½ x 17
36	x	28	x	26	23½	x 21 x 18½
42	x	28	x	26	1 Shelf 30	x 21½ x 17
48	x	30	x	26	2 Divisions	17½ x 17½ x 23½
54	x	30	x	26	„	20 x 19 x 22½
60	x	30	x	28	„	24 x 23½ x 21



TUCKER'S TILL, No. 2 and TRIUMPH.

Marble and Tiles.



FLOOR TILES.—We carry a large stock of these in Plain Colours, Blue and White, Encaustics, etc.; suitable for the cottage or the mansion.

Loose Coloured Pattern Sheets of the above on application.

WALL TILING.—Suitable for Bathrooms, Hospital Walls, Dadoes for Public Buildings, Butcher's Shop, etc. We would like to call special attention to our stock of Angle Beads, Angles for Skirting, Capping, etc., in various colours. Hitherto these have been an objectionable feature in Wall Tiling, but we have succeeded in overcoming the difficulty.

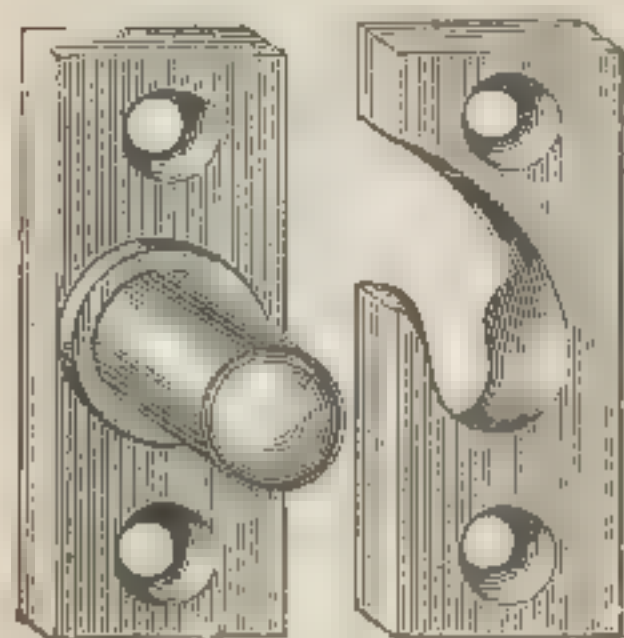
HEARTHES AND SURROUNDS. We have a large and splendid assortment of these in plain and coloured prints of the latest designs, plain enamels, and enamels with embossed and Majolica centres, embracing all the most delicate colours, which cannot fail to harmonise with the colour scheme in any room. For open fireplaces we stock a specially made Bricquette in various colours, very strong and specially glazed to stand the heat.

Sole Agents for Maw and Co., Limited, Shropshire, England, celebrated high-class Tile Manufacturers.

MARBLE AND SLATE WORK. Slate or Marble Nosings for Steps, Verandahs, Urinals, Lavatories, etc., in all usual thicknesses, supplied from our own works on the shortest notice. Marble Slabs (White or Coloured), suitable for Furniture Makers, can be supplied at lowest possible rates. As we keep a large stock of the famous Borenore, Spring Hill, and other Australian Marbles, in addition to some of the leading Continental varieties, we are prepared to give quotations for Marble Dadoes, Staircases, or any other kind of work, and we guarantee any work entrusted to us will be carried out to our client's entire satisfaction.



JAPANNED SASH ROLLER
 $\frac{1}{4}$ to $1\frac{1}{2}$ inch.



JAPANNED SASH CENTRES.
 2 to 3 inch.



THE "COMMON SENSE"
SASH BALANCE.
 Supersedes Sash Weights.

Tanks.

SQUARE, BLACK IRON, 100, 200, 400 gallon.

Measurement of	100	200	400	gals
	2 ft. 8 in.	3 ft. 3 in.	4 ft.	squares

TANKS, CORRUGATED GALVANIZED IRON,
 22, 24, 26 gauge.

Capacity for every 12 inches in height:

Diameter—3 ft. 3 inch.	=	50	gals
3 ft. 6 inch.	=	60	„
3 ft. 9 inch.	=	70	„
4 ft.	=	78	„
Diameter—4 ft. 4 inch.	=	90	gals
4 ft. 6 inch.	=	98	„
5 ft.	=	120	„
6 ft.	=	175	„

Tubing.

BRASS	5d.	5 $\frac{1}{2}$ d.	6 $\frac{1}{2}$ d.	8 $\frac{1}{2}$ d.	10d.	1 $\frac{1}{4}$ inch.	1 $\frac{1}{2}$ inch.	1 $\frac{3}{4}$ inch.	2 inch.	List.
CASED.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	Inch.

SOLID BRASS (for Gas Fitters). $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 Inch.

Miscellaneous.



CAST PATH BOXES.



IRON WINGED NUT.
 $\frac{1}{4}$, 5-16, $\frac{3}{8}$, $\frac{1}{2}$ inch.

The following are the usual dimensions of Galvanized Corrugated Iron Tanks.

Capacity.	Height,	Diameter,
200	4 ft	3ft. 3in.
250	5 „	3ft. 6in.
300	6 „	3ft. 3in.
350	6 „	3ft. 6in.
400	6 „	3ft. 8in.
450	6 „	3ft. 11in.
500	6 „	4ft. 2in.
600	6 „	4ft. 6in.
800	6 „	5ft. 3in.
1000	6 „	5ft. 9in.
1200	6 „	6ft. 4in.
2000	6 „	8ft. 3in.

Can be supplied of 26, 24 and 22 gauge Iron.
 Any Size Tap can be fitted.

Colonial Ovens.

ORDINARY SIZES.

No.	Width.	Height.	Depth.	List. s. d.
1—18in.	9in.	15in.	14	6
2—18	10	15	15	0
3—18	12	15	16	0
4—21	10	15	17	6
5—21	11	15	18	0
6—21	12	15	19	0
7—24	9	15	18	6
8—24	10	15	19	6
9—24	11	15	20	6
10—24	12	15	21	6
11—24	13	15	22	6
12—24	14	15	23	0
13—24	16	15	25	0
14—24	18	15	27	0
15—27	10	15	25	0
16—27	12	15	27	0
17—27	14	15	29	0
18—30	12	21	36	0
19—30	15	21	40	0
20—30	18	24	45	0
21—30	20	24	50	0
22—36	12	21	50	0
23—36	15	21	55	0
24—36	18	24	60	0
25—36	20	24	65	0

EXTRA SIZES.

No.	Width.	Height.	Depth.	List. s. d.
0A—18in.	10in.	14in.	14	6
1A—18	10	16	15	6
1 $\frac{1}{2}$ A—18	12	16	16	6
2A—24	9	16	19	0
3A—24	10	16	20	0
4A—24	11	16	21	0
4 $\frac{1}{2}$ A—24	12	16	22	0
4 $\frac{3}{4}$ A—24	14	16	23	0
5A—30	10	16	25	0
6A—30	11	16	26	0
6 $\frac{1}{2}$ A—30	12	16	27	0
6 $\frac{3}{4}$ A—30	14	16	28	0

EXTRA STRONG.

No.	Width.	Height.	Depth.	List. s. d.
0B—21	12	16	21	0
1B—24	10	16	22	6
2B—24	12	16	24	0
2 $\frac{1}{2}$ B—24	14	16	25	6
3B—24	10	18	26	0
4B—30	10	16	30	0
5B—30	12	16	32	0
6B—30	14	18	34	0
6 $\frac{1}{2}$ B—30	16	18	36	0
6 $\frac{3}{4}$ B—30	18	18	38	0
7B—36	12	18	42	6
8B—36	14	18	45	0
9B—36	16	18	47	6
9 $\frac{1}{2}$ B—36	18	18	50	0

Fitted with Hob, 4/- extra.

Colonial Ovens of any size made to Order.

GALVANIZED IRON STUMP CAPS,

26g; 10, 12, 14, 16 inches.

VENTILATING COWLS, 2 to 6 inch.

SHOWER BATH VALVES, $1\frac{1}{2}$ inch.

SOLDER.

WEB. VENETIAN BLIND, CHAIR, ETC.

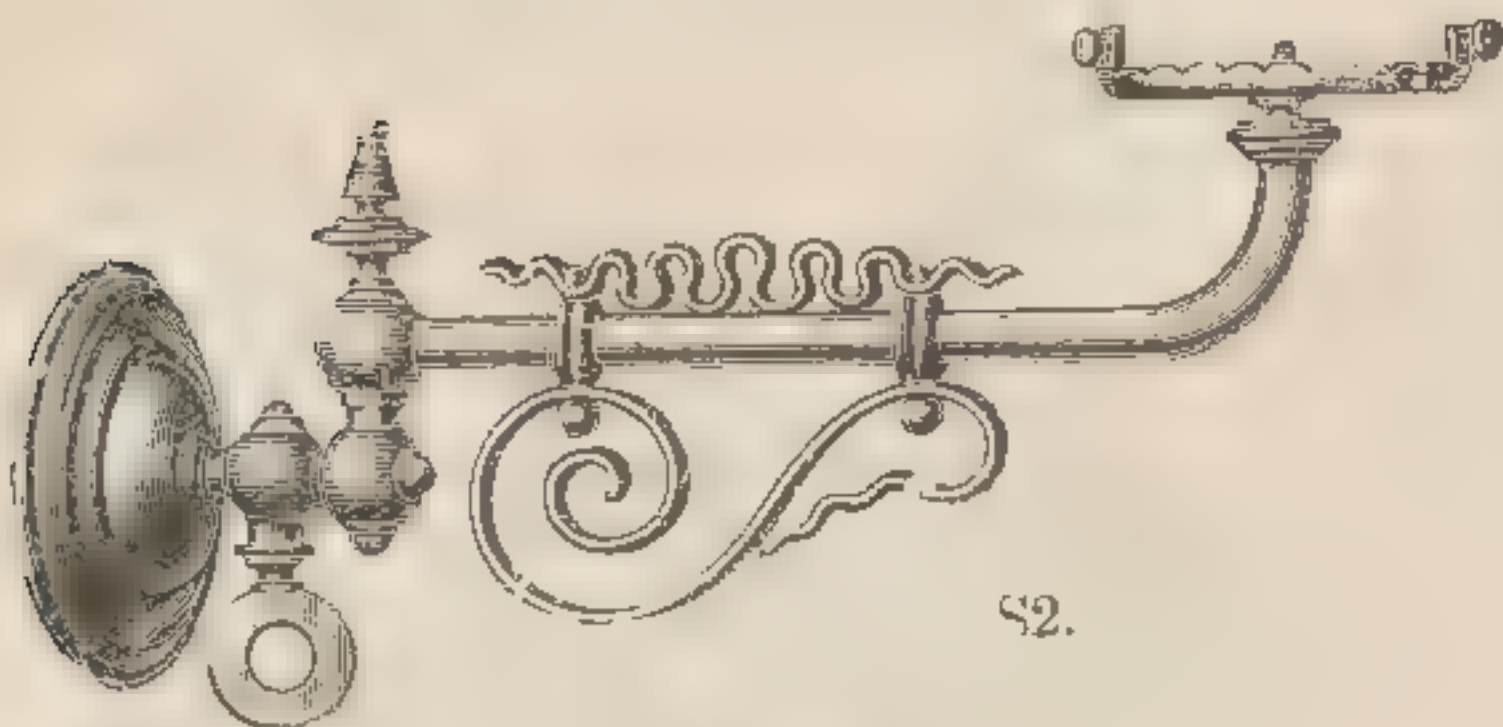
WASHERS, GALVANIZED IRON, $\frac{3}{4}$ x $\frac{1}{2}$.

„ **LEAD.** Approximate number to the pound for 12 g. Screws, 68.

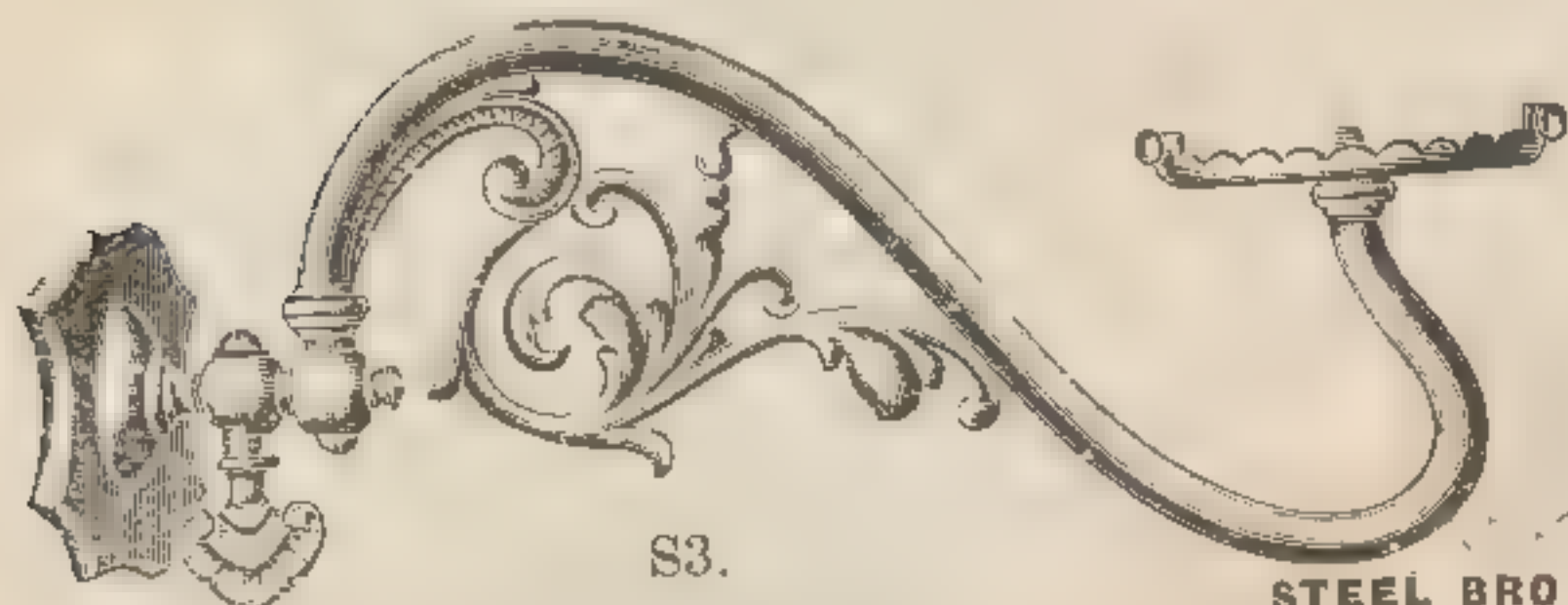
Gas Fittings.



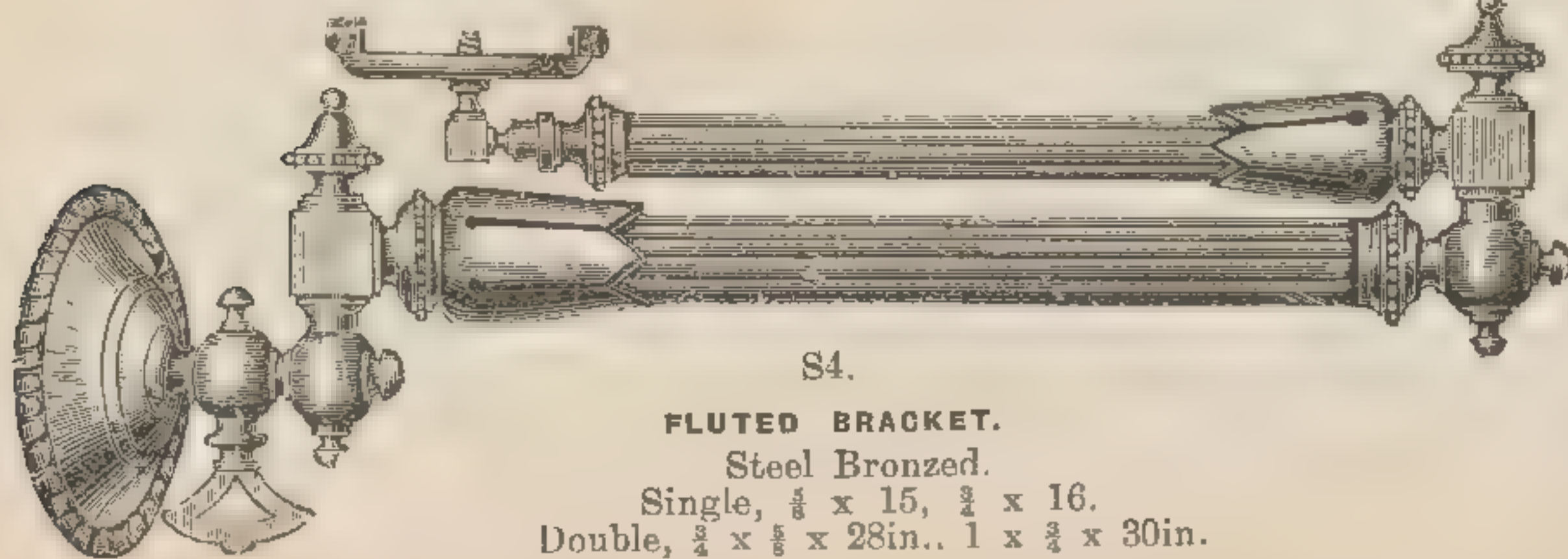
S1.
PLAIN SWING BRACKET.
Steel Bronzed.
 $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{8}$ in., $\frac{3}{4}$ in. x 12in.
with Tube Tap, $\frac{1}{2}$ in. x 12in.



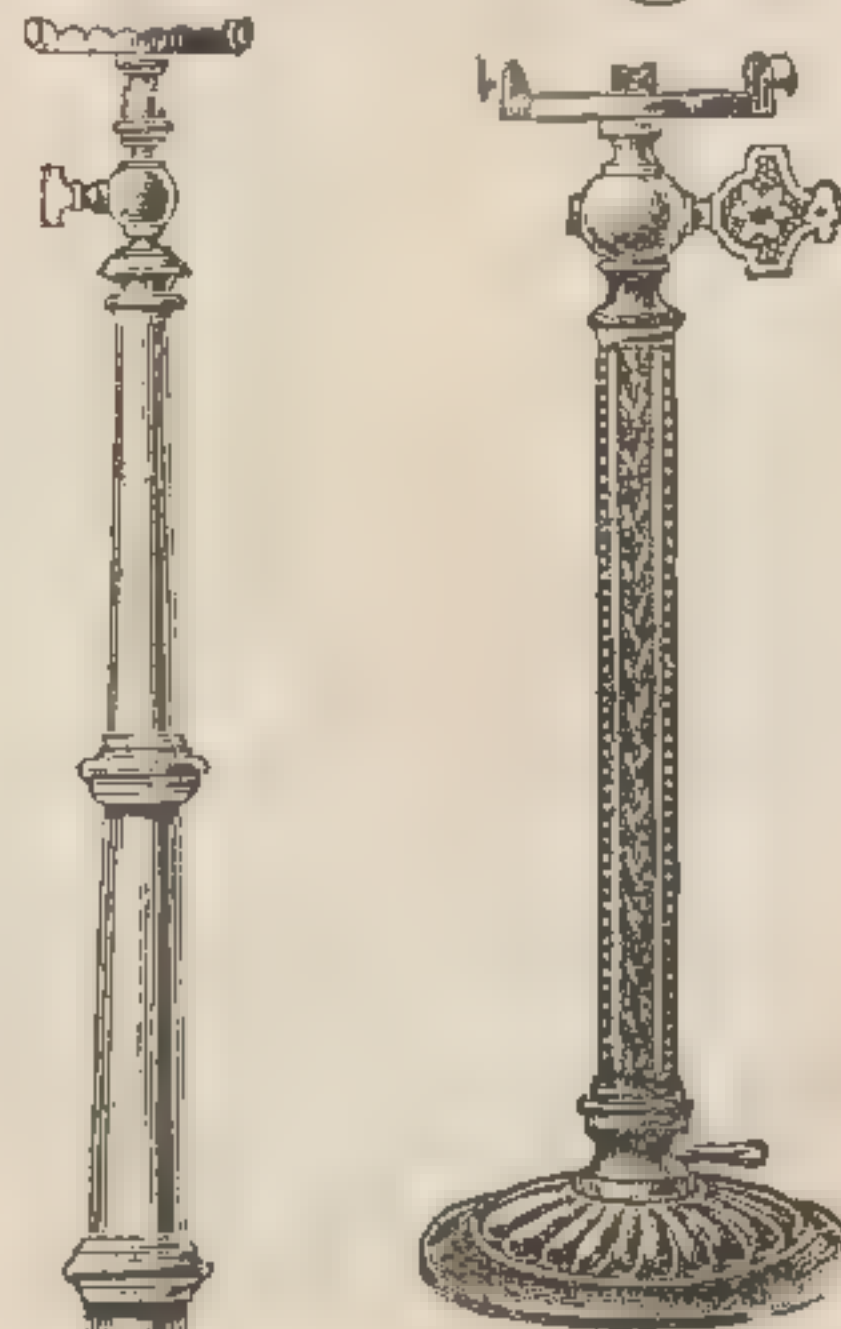
S2.
SCROLL BRACKET.
Steel Bronzed or Polished.
7-16 x 10in.



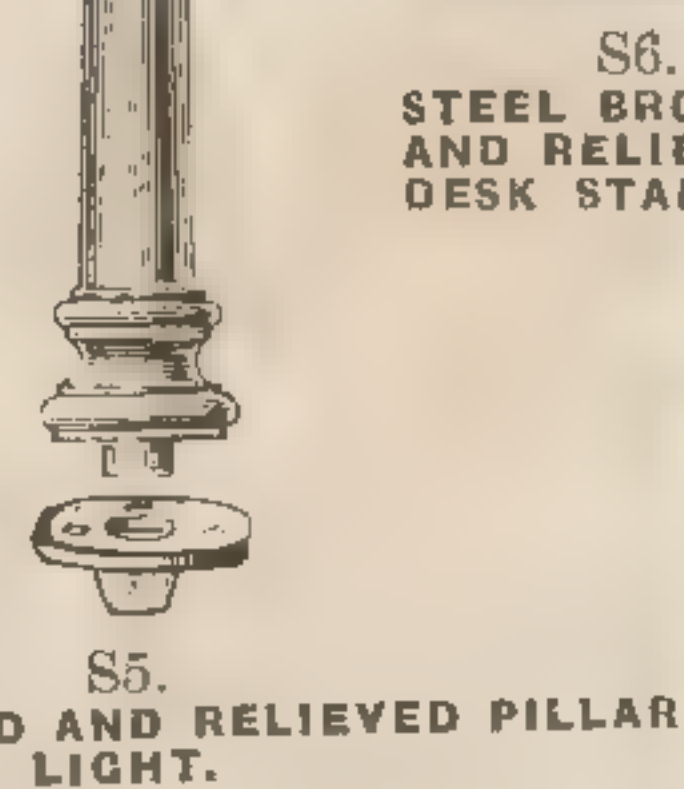
S3.
SCROLL BRACKET.
Steel Bronzed or Polished.
 $\frac{3}{8}$ in. x 10in.



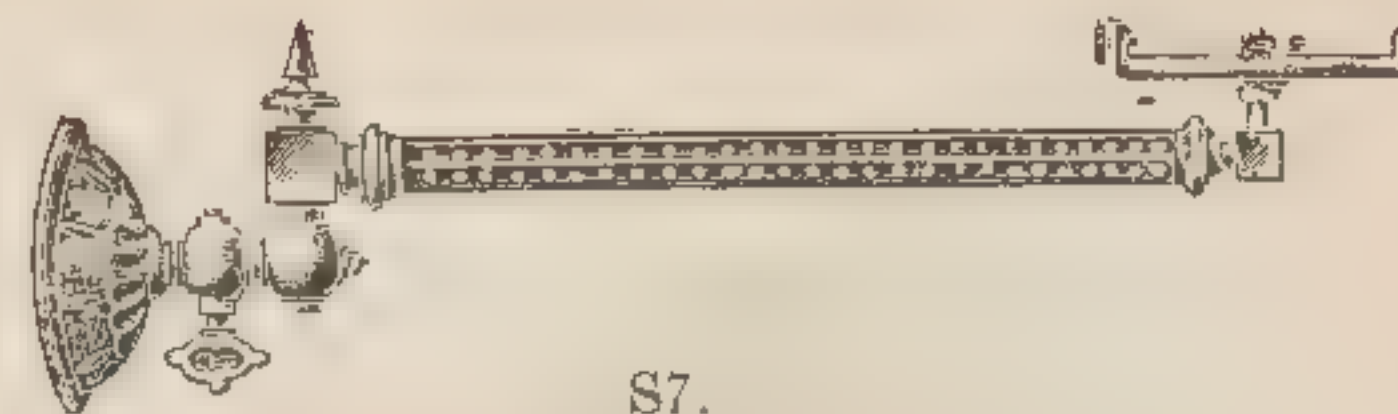
S4.
FLUTED BRACKET.
Steel Bronzed.
Single, $\frac{3}{4}$ x 15, $\frac{3}{4}$ x 16.
Double, $\frac{3}{4}$ x $\frac{3}{4}$ x 28in., 1 x $\frac{3}{4}$ x 30in.



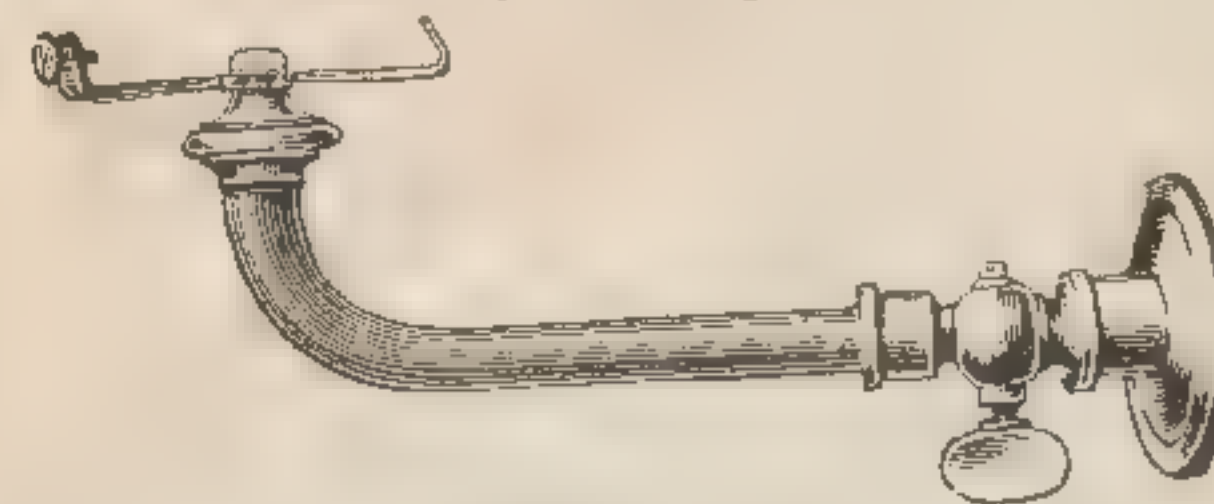
S6.
**STEEL BRONZED
AND RELIEVED
DESK STANDARD.**



S5.
**STEEL BRONZED AND RELIEVED PILLAR
LIGHT.**
to screw into counter or partition
 $1\frac{1}{4}$ x 18in., $1\frac{1}{2}$ x 18in., $1\frac{1}{2}$ x 24in.



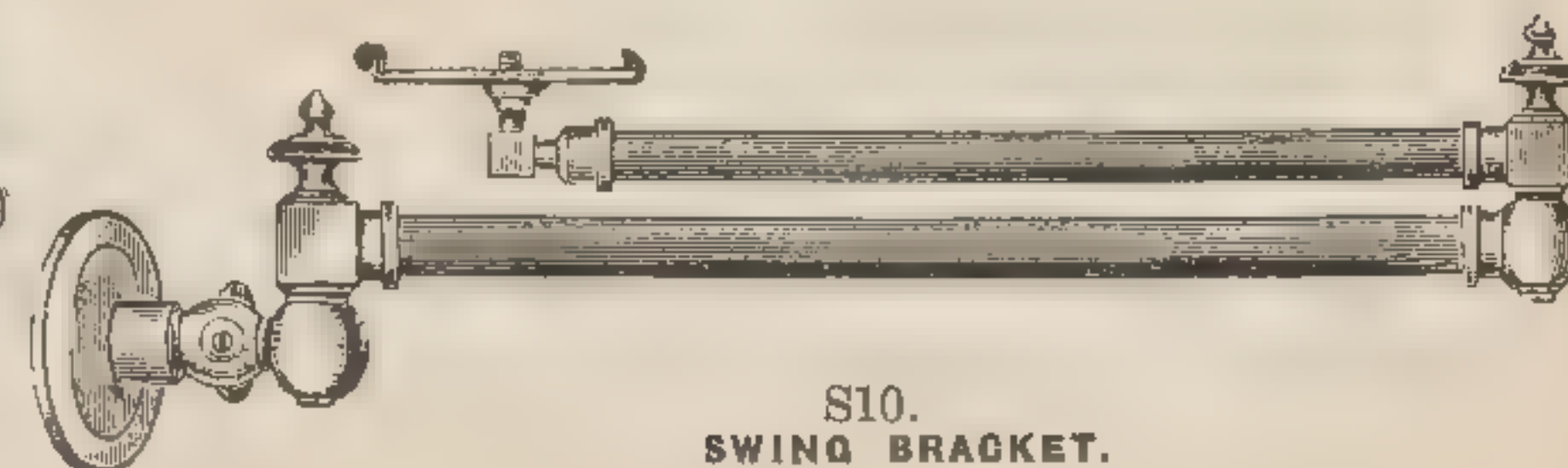
S7.
FANCY SWING BRACKET.
Steel Bronzed.
Single, $\frac{3}{8}$ in., $\frac{1}{2}$ in. x 12in. long.
Double, 5-8 x $\frac{1}{2}$ x 24in.



S8.
PLAIN STIFF BRACKET.
Steel Bronzed.
 $\frac{3}{8}$ in. x 6in., $\frac{1}{2}$ in. x 7in., $\frac{3}{4}$ in. x 10in.



S9.
SCROLL BRACKET.
Steel Bronzed, Polished, Oxidised Copper.



S10.
SWING BRACKET.
Steel Bronzed.
Double, $\frac{1}{2}$ x $\frac{3}{8}$, $\frac{3}{8}$ x $\frac{1}{2}$, $\frac{3}{4}$ x $\frac{3}{8}$.

Gas Fittings.

Continued.

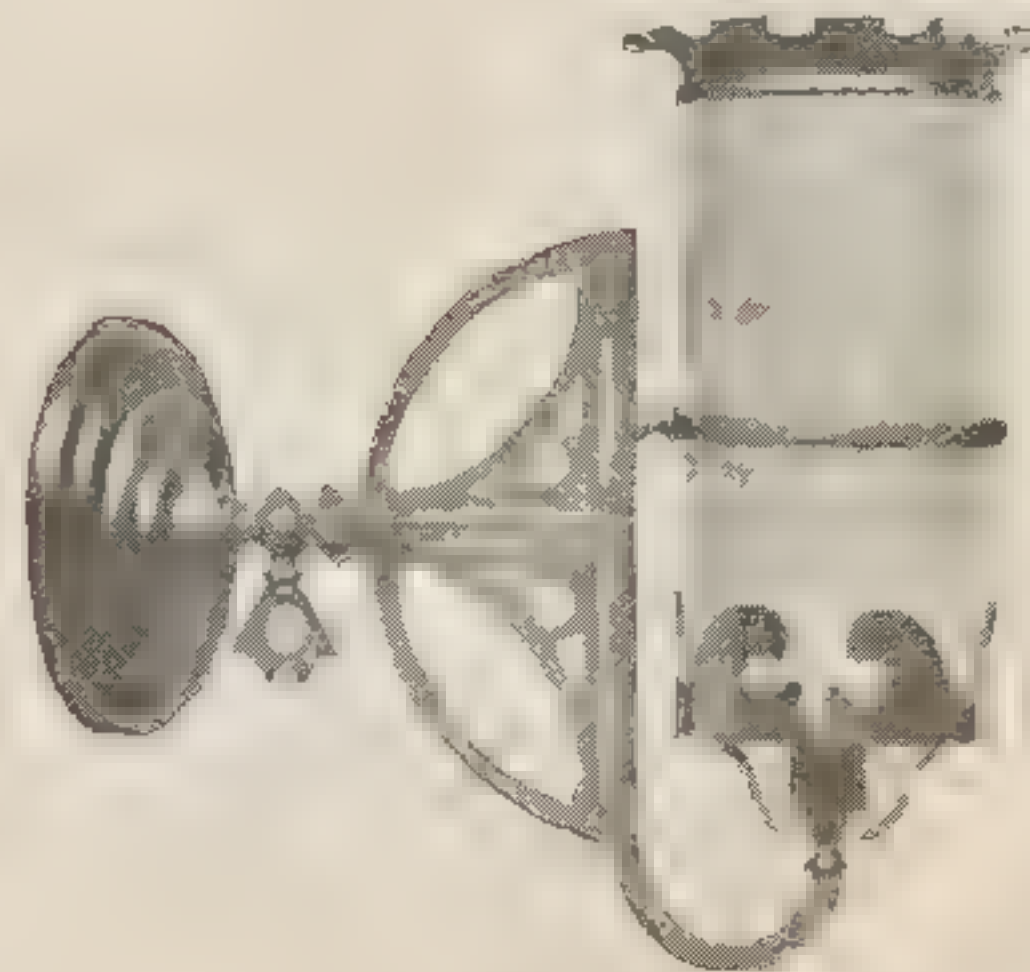
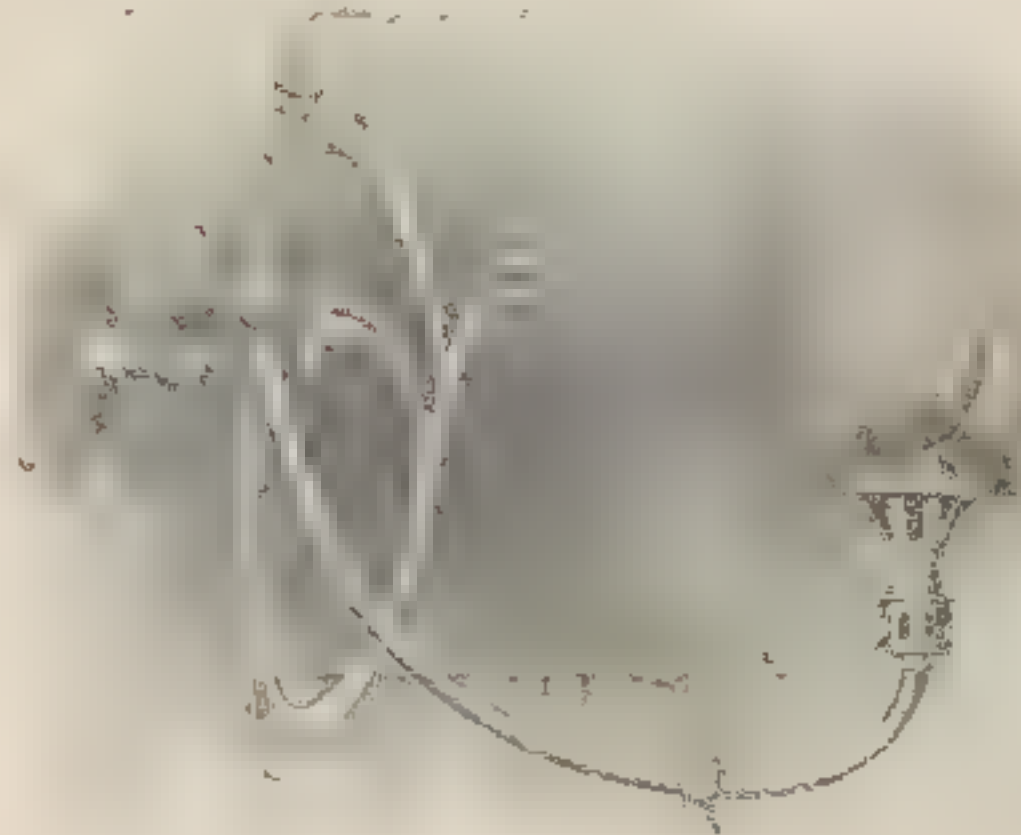
S11.
SWING SCROLL BRACKET.
Steel Bronzed.



S12.
SWING SCROLL BRACKET.
Steel Bronzed or Polished Brass.



S13.
SWING SCROLL BRACKET.
Steel Bronzed or Polished Brass.



S14.
OXIDISED COPPER STIFF BRACKET
With Best English Glass Cylinder.



S15.
COIN BRONZED STIFF GAS BRACKET.
with Obscured Cracked Glass
Projection, 8½ inches.

S16.
FANCY SWING BRACKET.
Steel Bronzed.



S17.
FANCY SWING BRACKET.
Steel Bronzed or Polished.

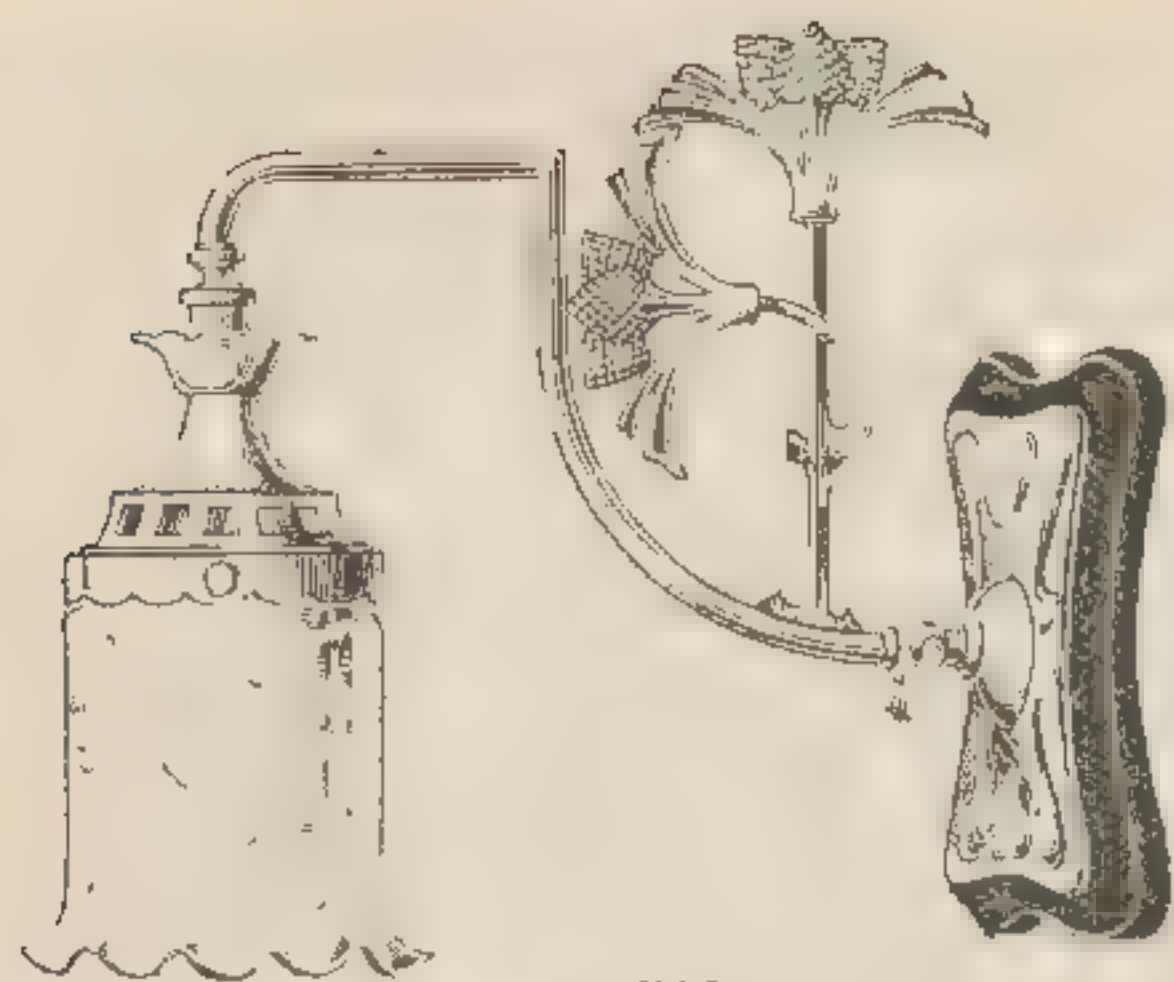


S18.
ANTIQUE COPPER BRONZE OR POLISHED BRASS
STIFF GAS BRACKET.



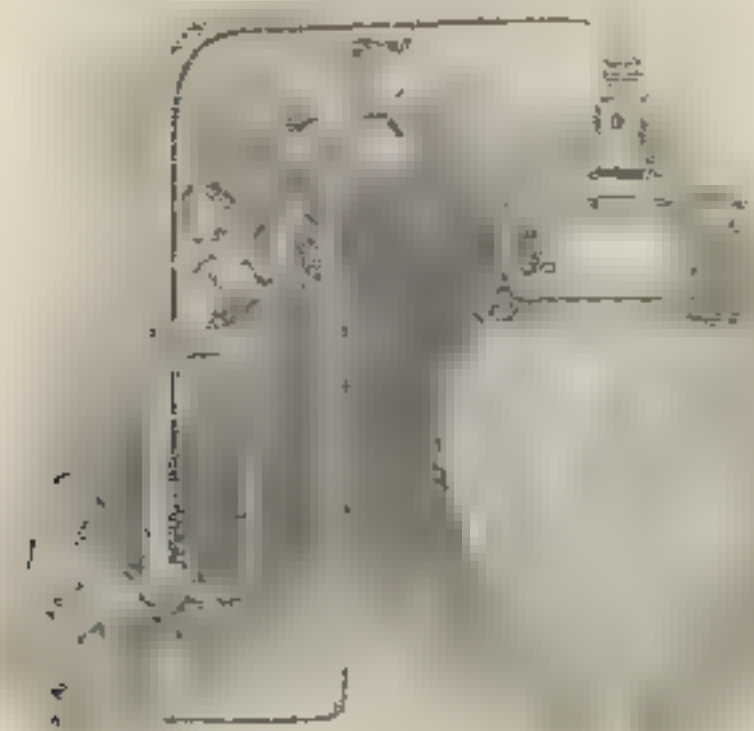
Gas Fittings

Continued.



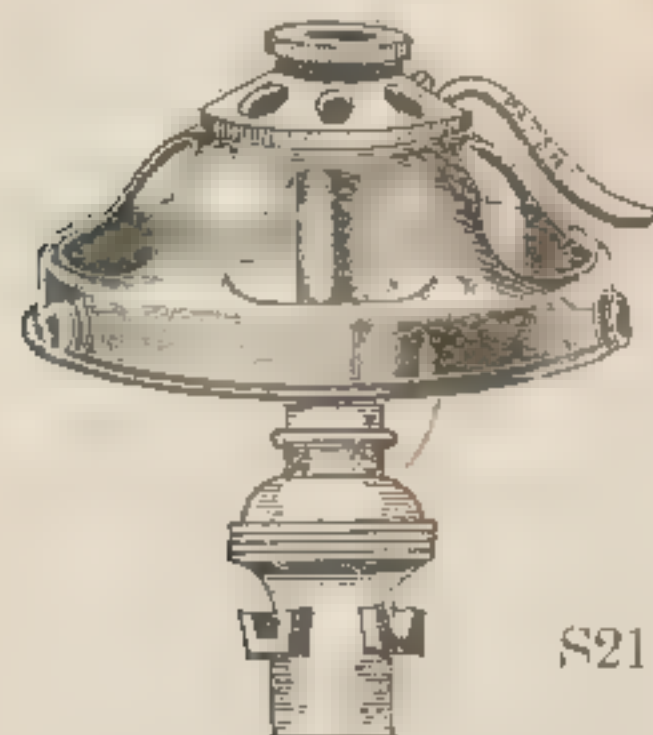
S19.

Oxidised Copper or Polished Brass
STIFF INVERTED GAS BRACKET.



S20.

STIFF INVERTED GAS BRACKET.
Steel or Copper Bronze.



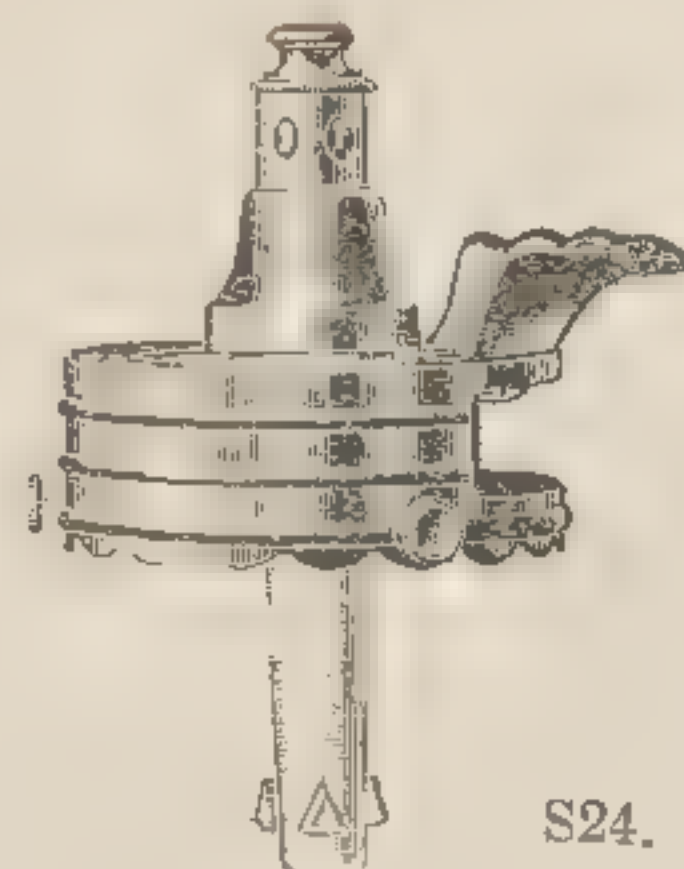
S21

INVERTED GAS BURNER.
With Patent Gas and Air Regulator



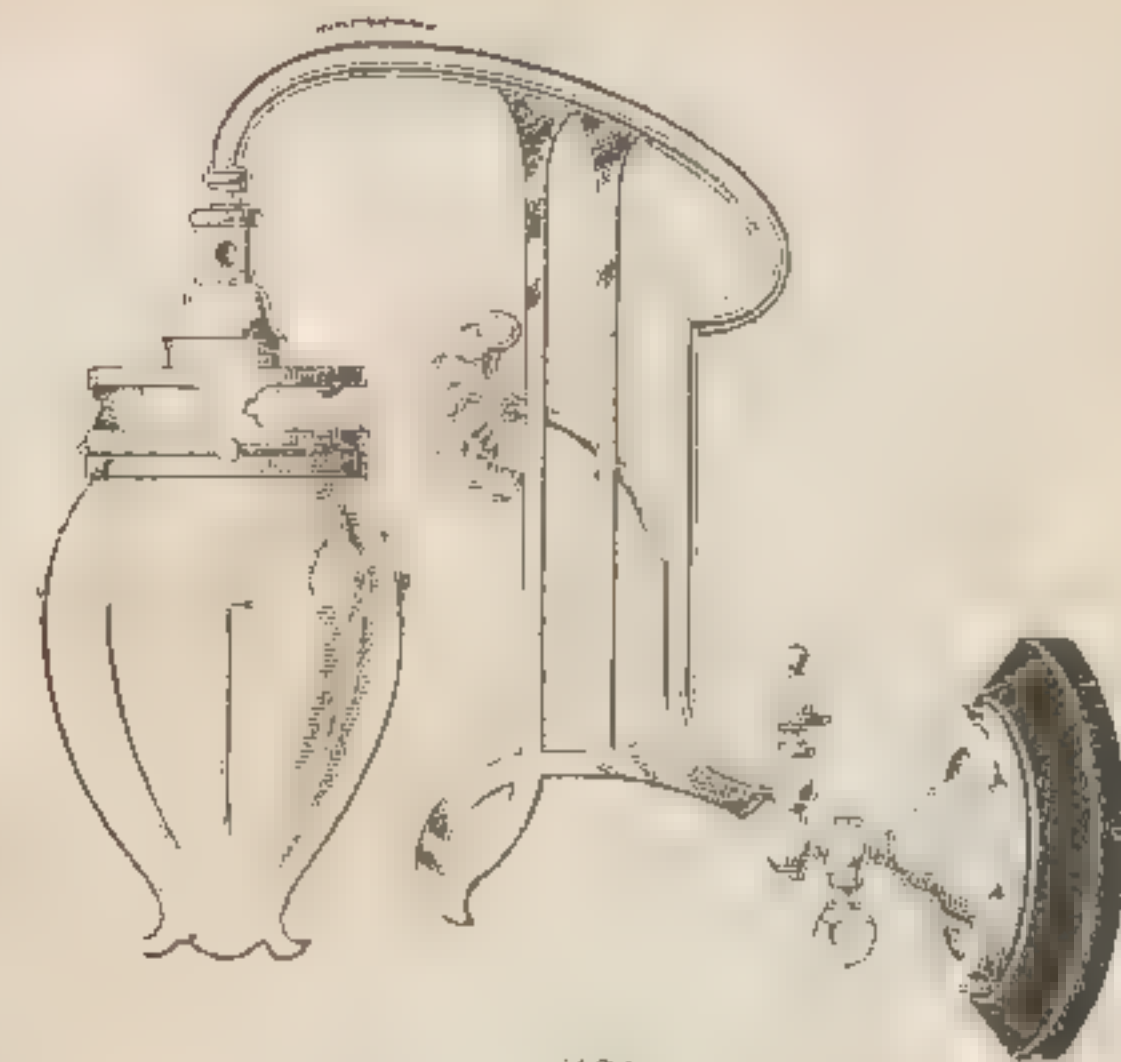
S23.

PILOT TAP.
For inverted Burner,
Single Lever and
Double Chain Levers



S24.

INVERTED GAS BURNER.
Fitted with Patent
Hood to protect fitting
from the heat.
Can also be had with
patent gas regulator.



S25

INVERTED GAS BRACKET.
To swing.
Oxidised Copper or Polished Brass



S26.

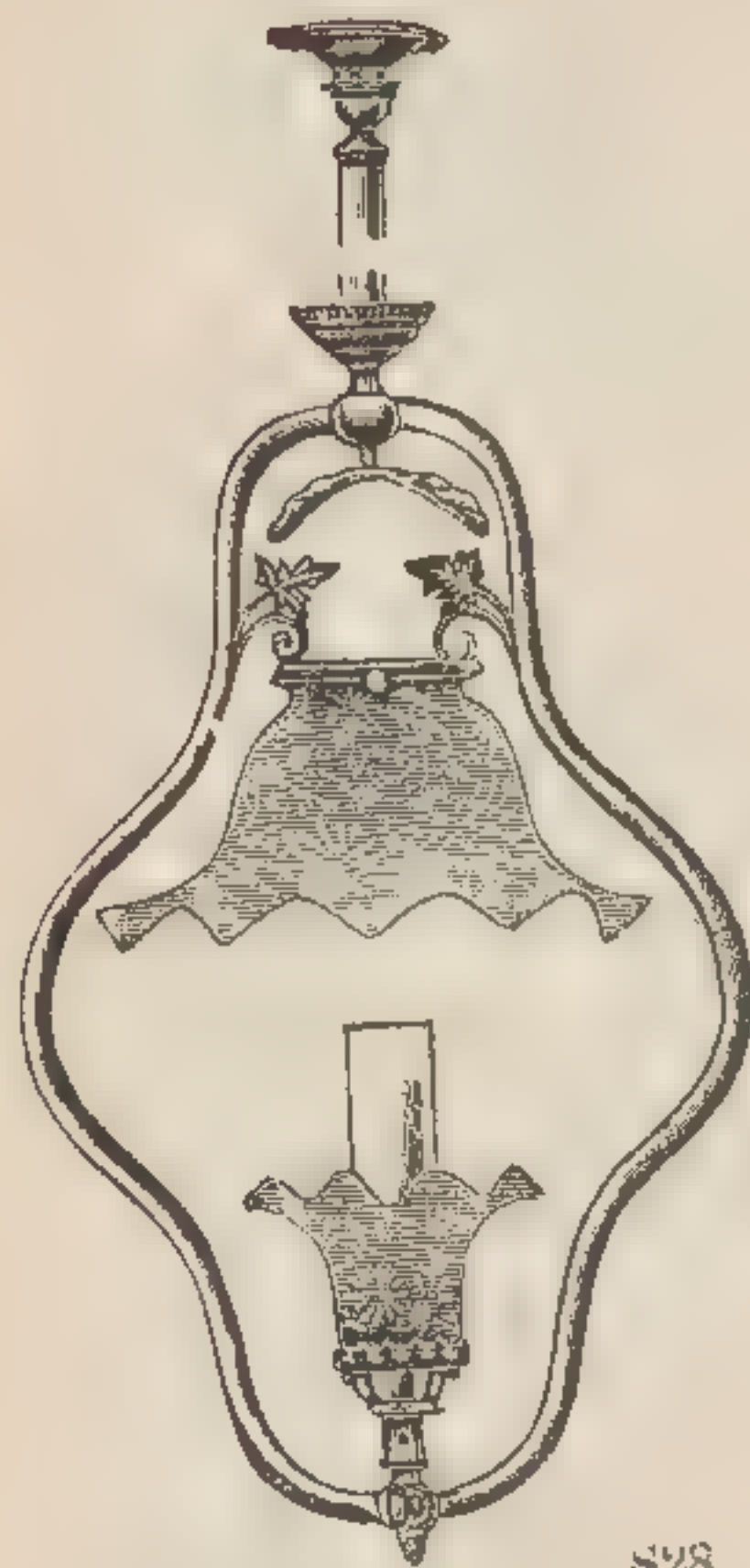
PLAIN STIFF INVERTED GAS BRACKET.
Steel Bronzed.



S27.

INVERTED GAS BRACKET
Steel Bronzed or Polished

Gas Fittings—Continued.



FANCY HARP LIGHT.
Steel Bronzed or Polished
Brass; Glass in Green,
Aurora, or Ruby.



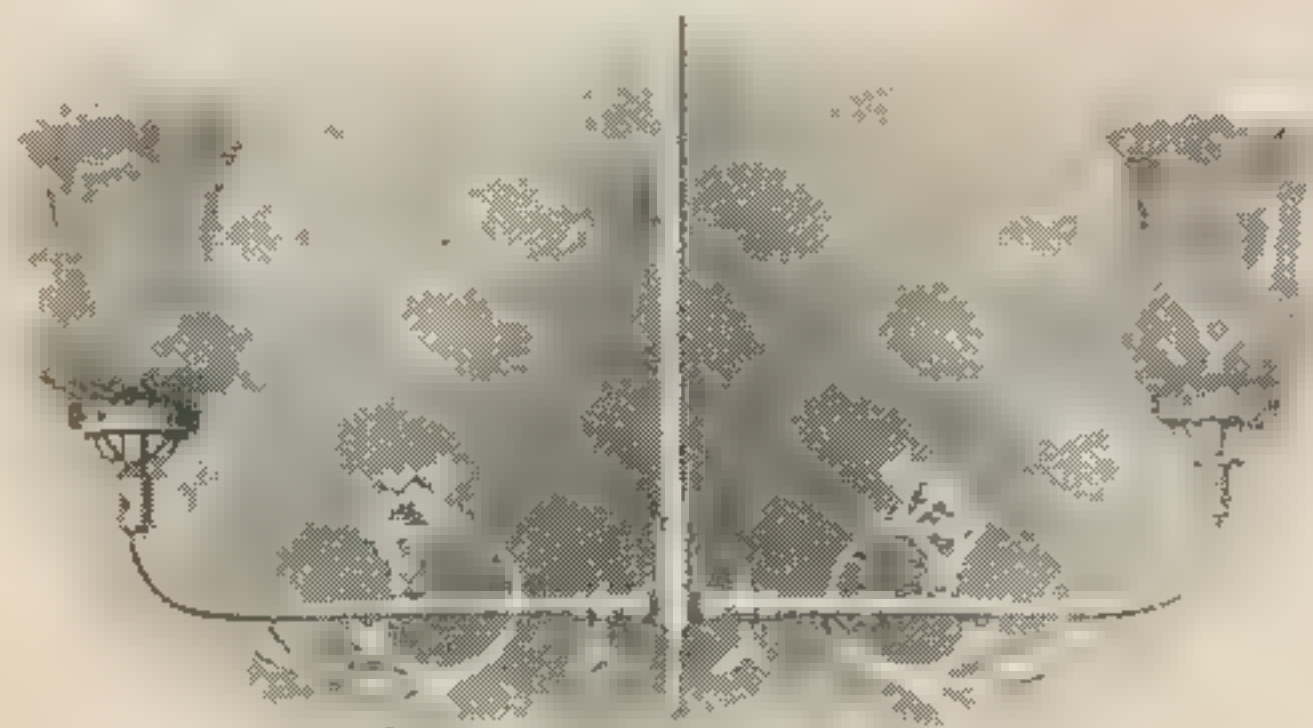
HARP LIGHT
12in. Dome Shade.
Steel Bronzed or Polished
Brass.
4in. x 4in.
4in. x 4in.



FANCY HARP LIGHT.
Square Tube.
Steel Bronze or Polished
Brass; Best English Glass;
Ruby or Aurora Opalescent



WROUGHT IRON HARP LIGHT.
with Copper Mounts.



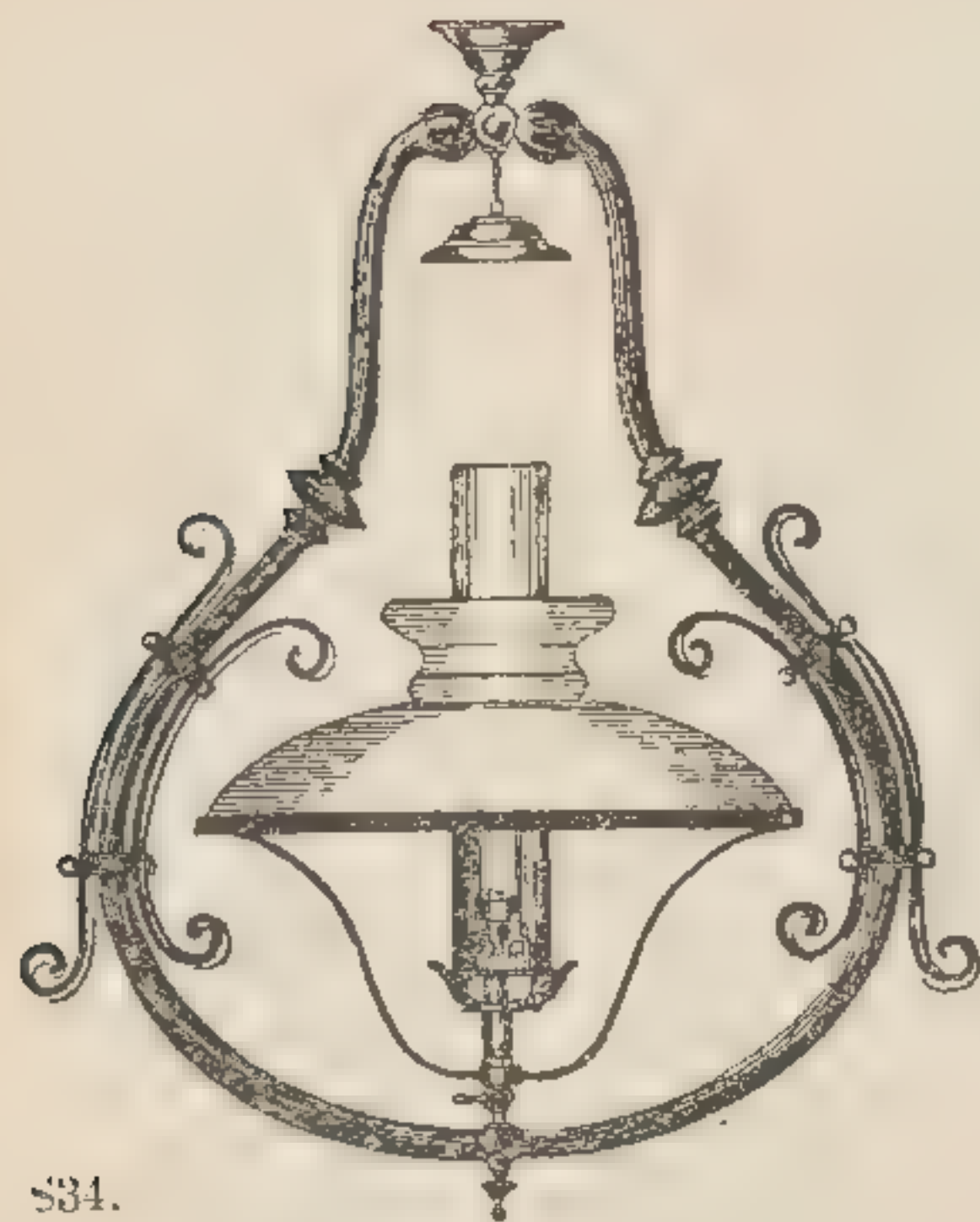
2 LIGHT FANCY PENDANT.
Copper Bronzed or Steel Bronze.

It is impossible in a General Catalogue to fully illustrate the variety of all classes of Gas Fittings we carry in our spacious Show-room. We therefore confine ourselves to a few of the principal designs.



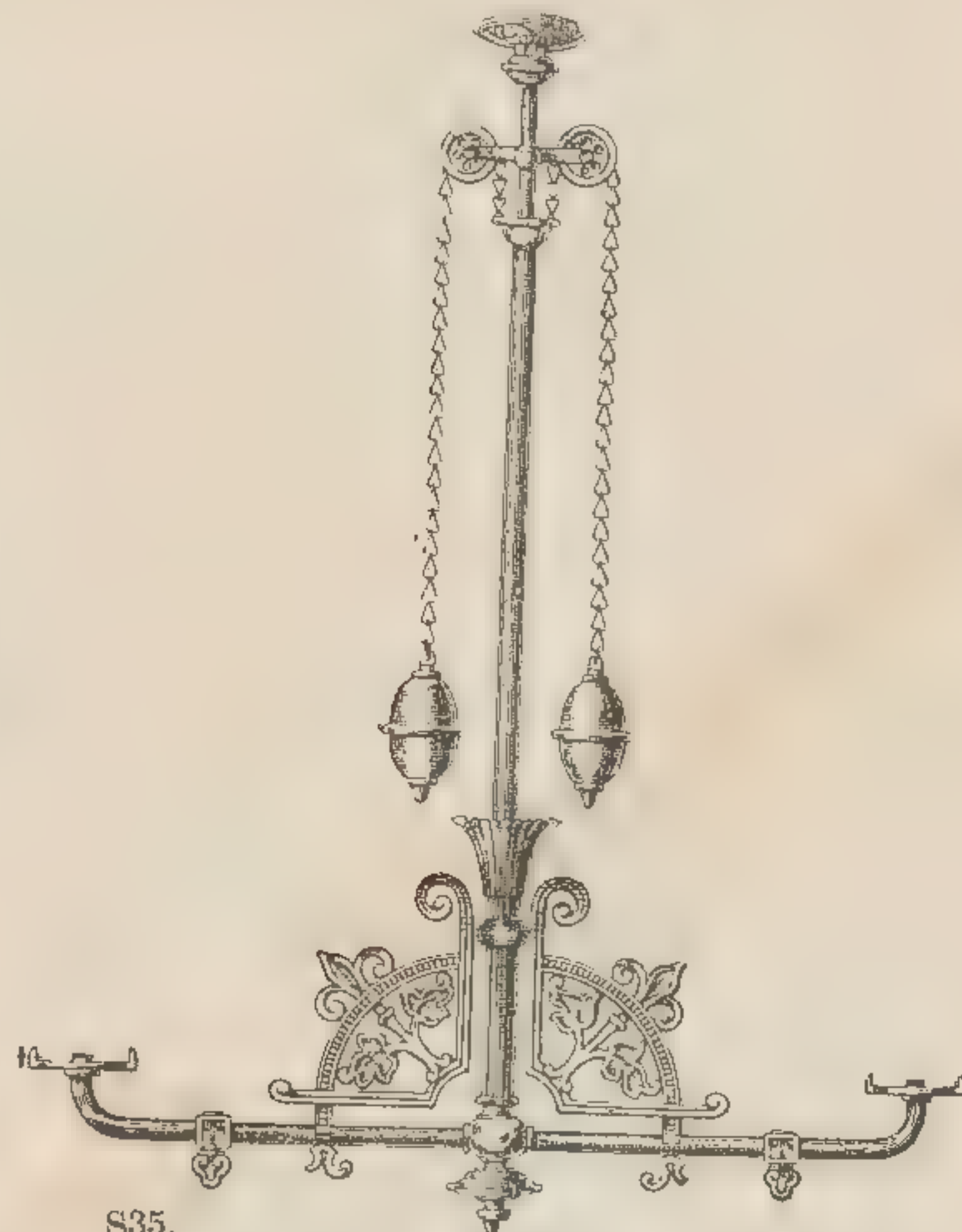
2 LIGHT FANCY PENDANT.
Steel Bronzed or Polished

Gas Fittings—Continued.



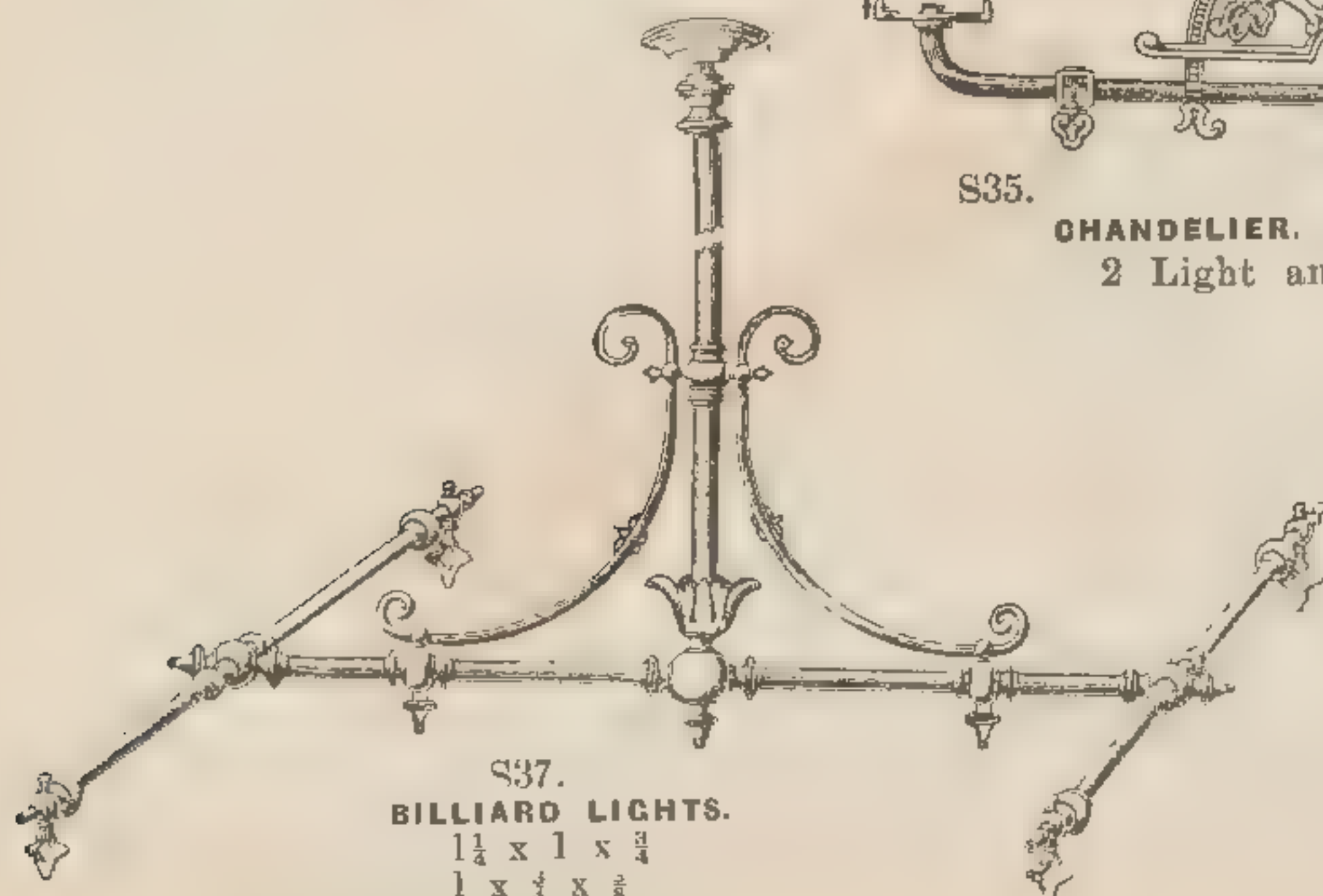
S34.

WROUGHT IRON HARP LIGHT.
with Copper Mounts.



S35.

CHANDELIER. Steel Bronze.
2 Light and 3 Light.



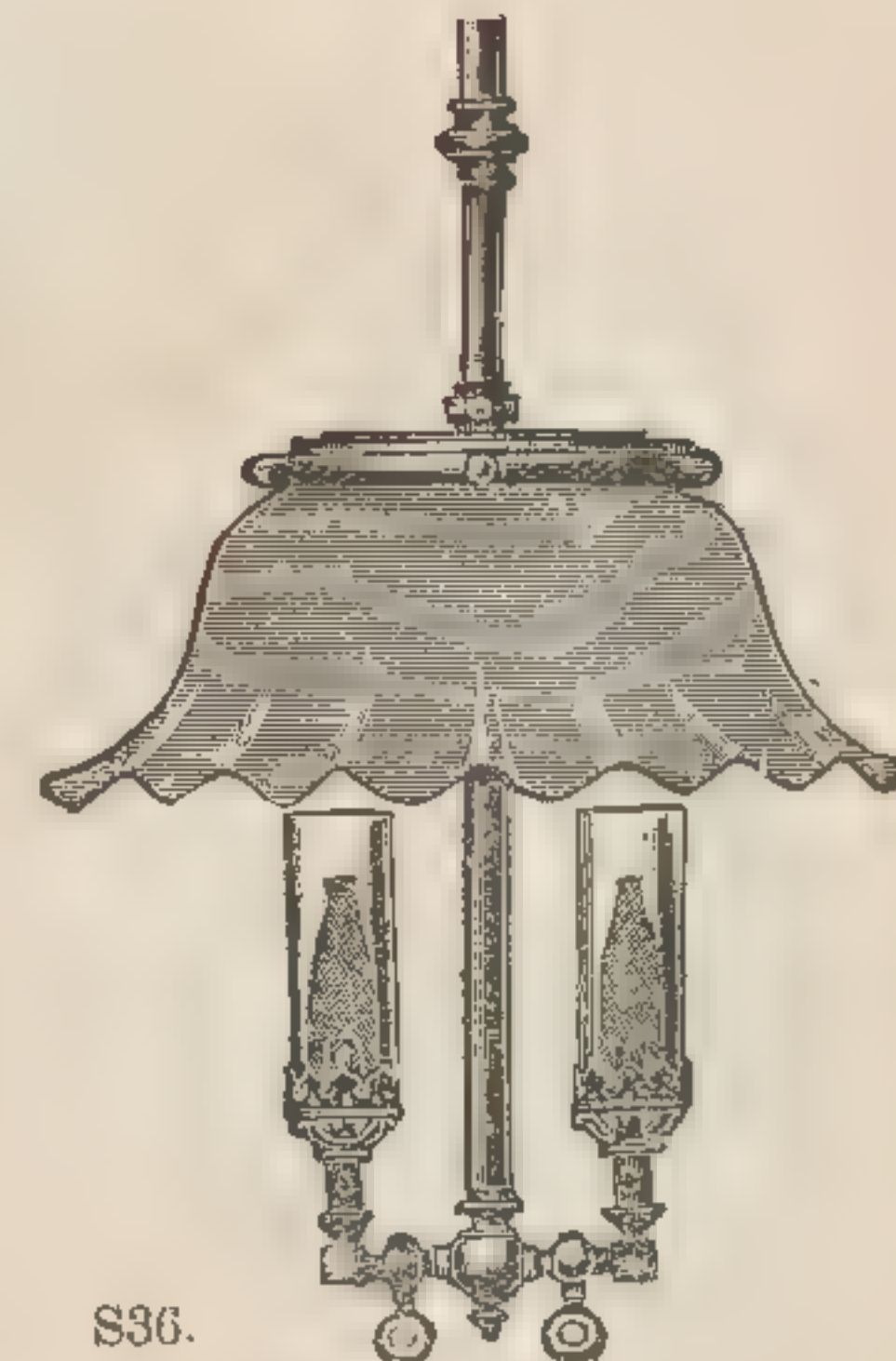
S37.

BILLIARD LIGHTS.

$1\frac{1}{4} \times 1 \times \frac{3}{4}$

$1 \times \frac{1}{2} \times \frac{3}{8}$

WIRE FRAMES AND CARDBOARD SHADES.
18in., 24in., 30in.



S36.

2-LIGHT PENDANT.
16 Opal Shade. Steel Bronze



S38.

CHANDELIER.
Steel Bronzed and Copper Mounts.
2 or 3 Light.

Gas Fittings -Continued.

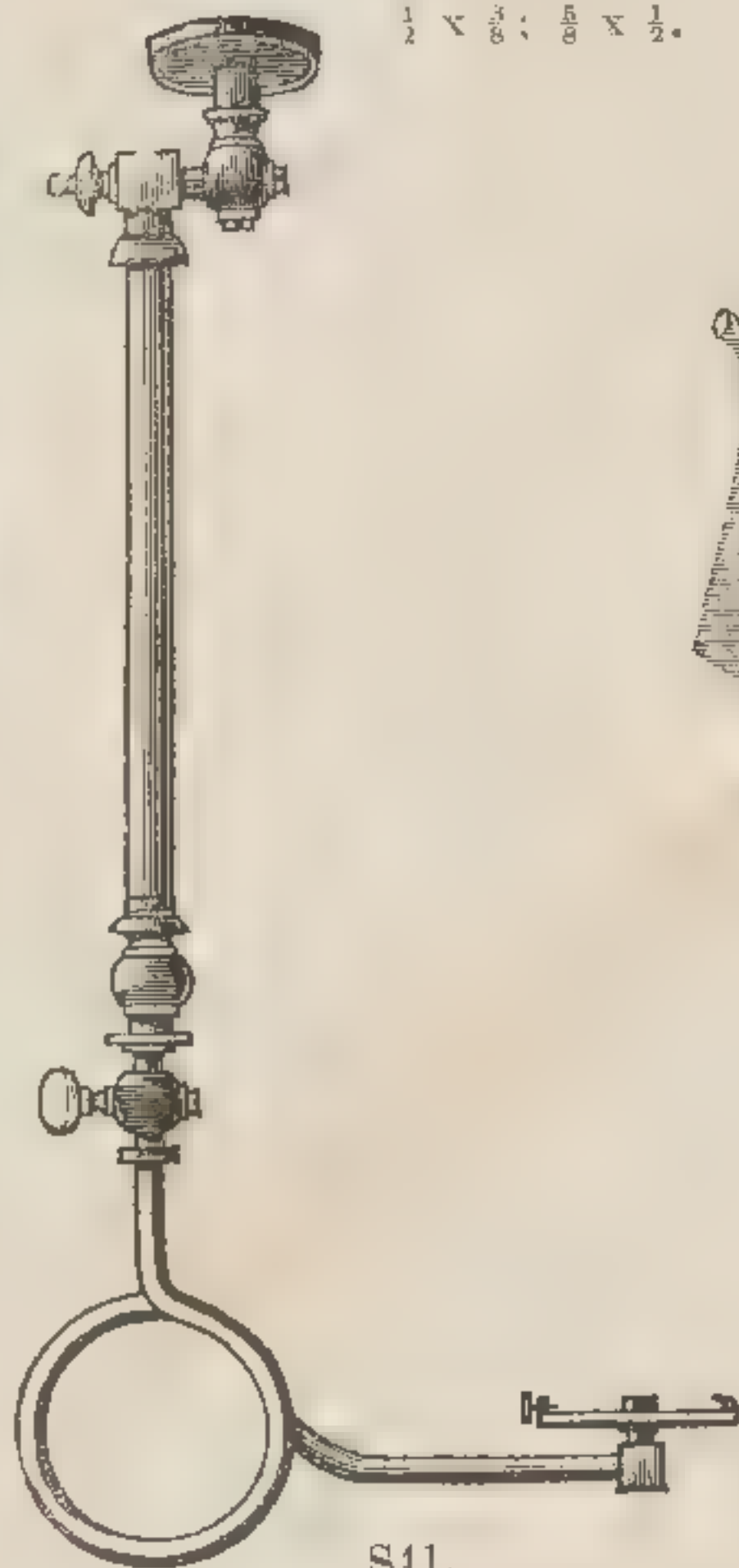


S39.
SINGLE LIGHT
INVERTED
PENDANT.

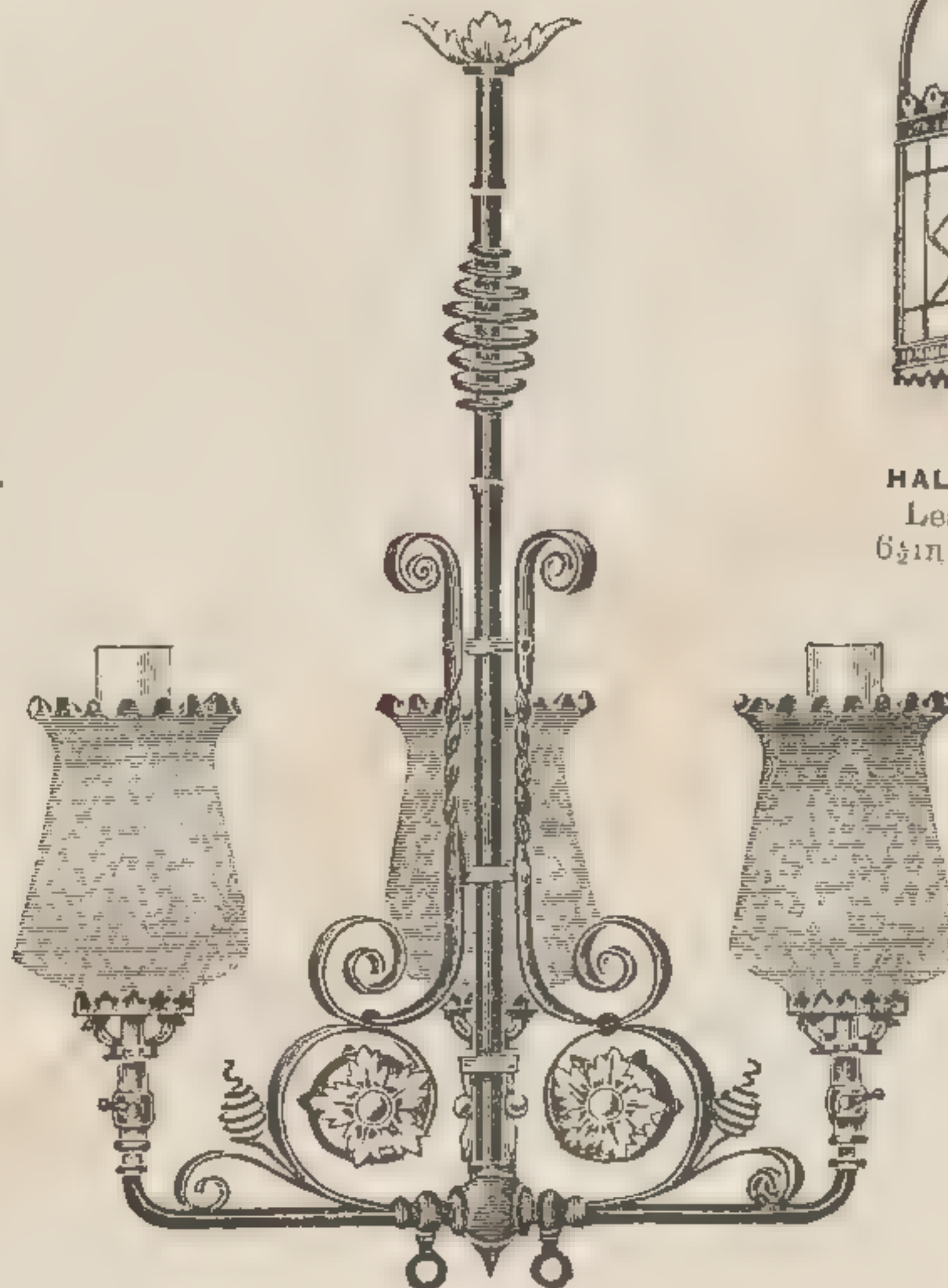
Polished Brass.



S40.
HARP LIGHT.
Plain or Twisted
Tube.
Steel Bronze.
 $\frac{1}{2} \times \frac{3}{8}$; $\frac{5}{8} \times \frac{1}{2}$.



S41.
STEEL BRONZED CORK SLIDE.
One Light
 $\frac{5}{8}$ Tube, 30in., 36in., 42in.
 $\frac{3}{4}$ Tube, 36in., 45in.



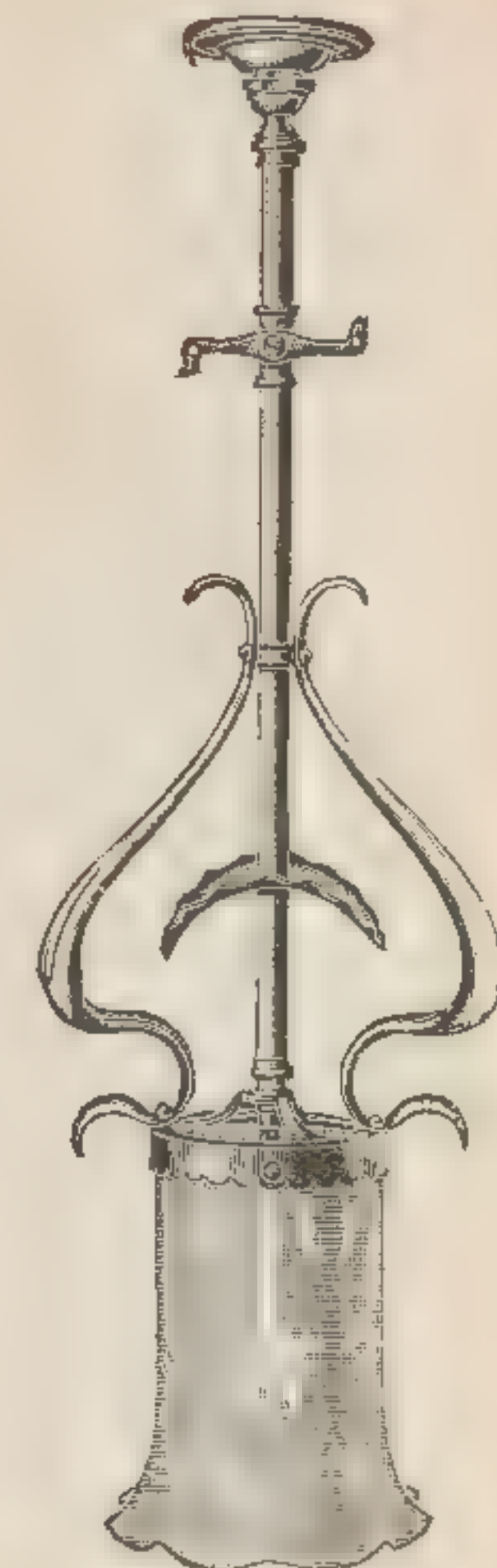
S42.
WROUGHT IRON PENDANT.
With Copper Mounts.
2 or 3 light



S43.
HALL PENDANT.
Leaded Light.
6 $\frac{1}{2}$ in., 7 $\frac{1}{2}$ in., 9in.



S44.
TEE PENDANT.
4ft. x 3ft. spread.
Steel Bronzed, with Ball Joint
 $\frac{3}{8} \times \frac{1}{2}$. $\frac{3}{4} \times \frac{5}{8}$.
1 x $\frac{3}{4}$. 1 $\frac{1}{2}$ x 1.
All sizes made to order.



S45.
PENDANT.
1-LIGHT INVERTED
Steel Bronzed

Gas Fittings—Continued.



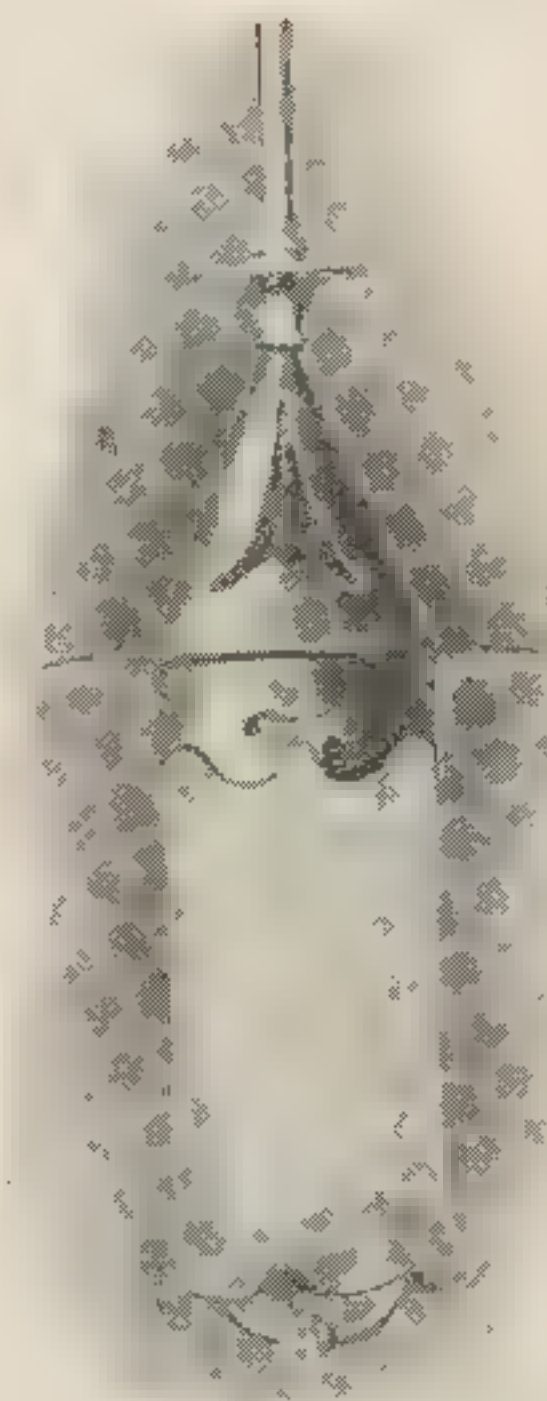
S46.
SINGLE LIGHT
INVERTED PENDANT.
Steel Bronzed.
Burners & Glass extra.



S47.
INCANDESCENT
HALL LIGHT.
Polished Brass.
Glass Assorted Colors



S48.
INVERTED PENDANT.
2 or 3 Light.
Polished Brass or Steel Bronze.



S49.
INCANDESCENT HALL LIGHT.
Oxidised Copper,
Polished Brass.



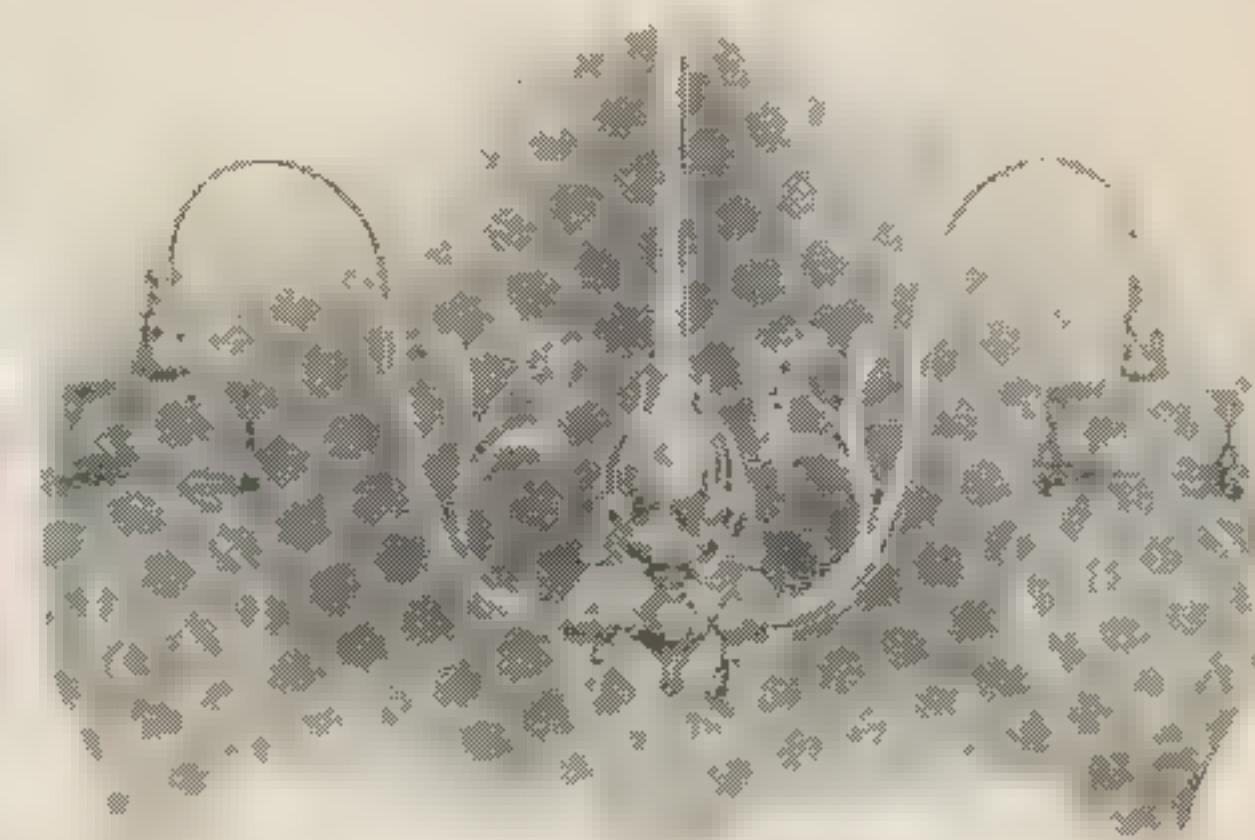
S50.
INCANDESCENT
HALL LIGHT.
Steel Bronzed.
Opalescent Glass.



S51.
INVERTED GAS PENDANTS. 2 or 3 Light.
Polished Brass and Oxidised Copper.
Burners and Glass extra.

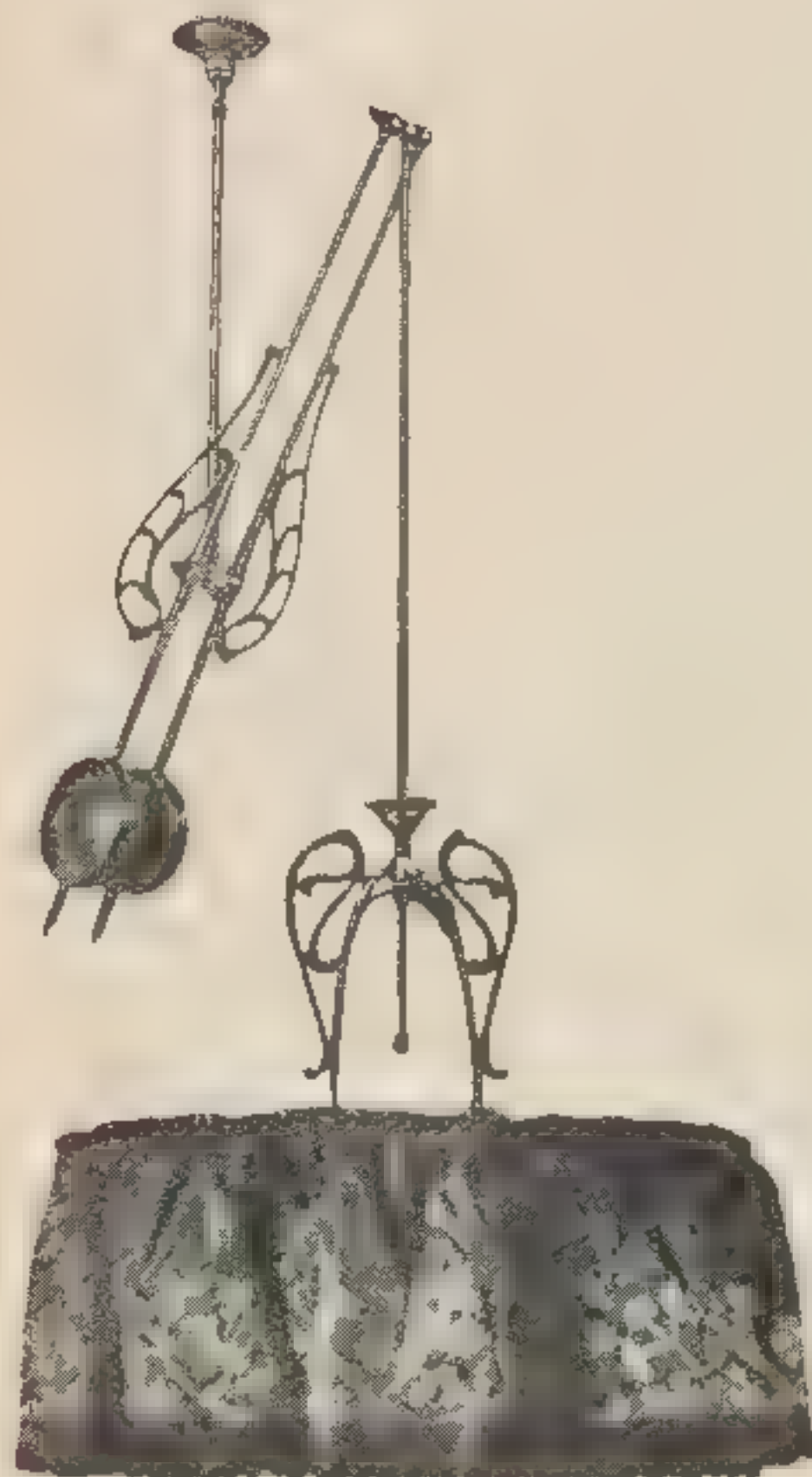


S52.
INVERTED GAS PENDANTS. 2 or 3 Light
Polished Brass or Steel Bronzed.



S53.
INVERTED GAS PENDANTS.
Polished Brass or Oxidised Copper.
Burners and Globes extra.

Gas Fittings—Continued.



S54.

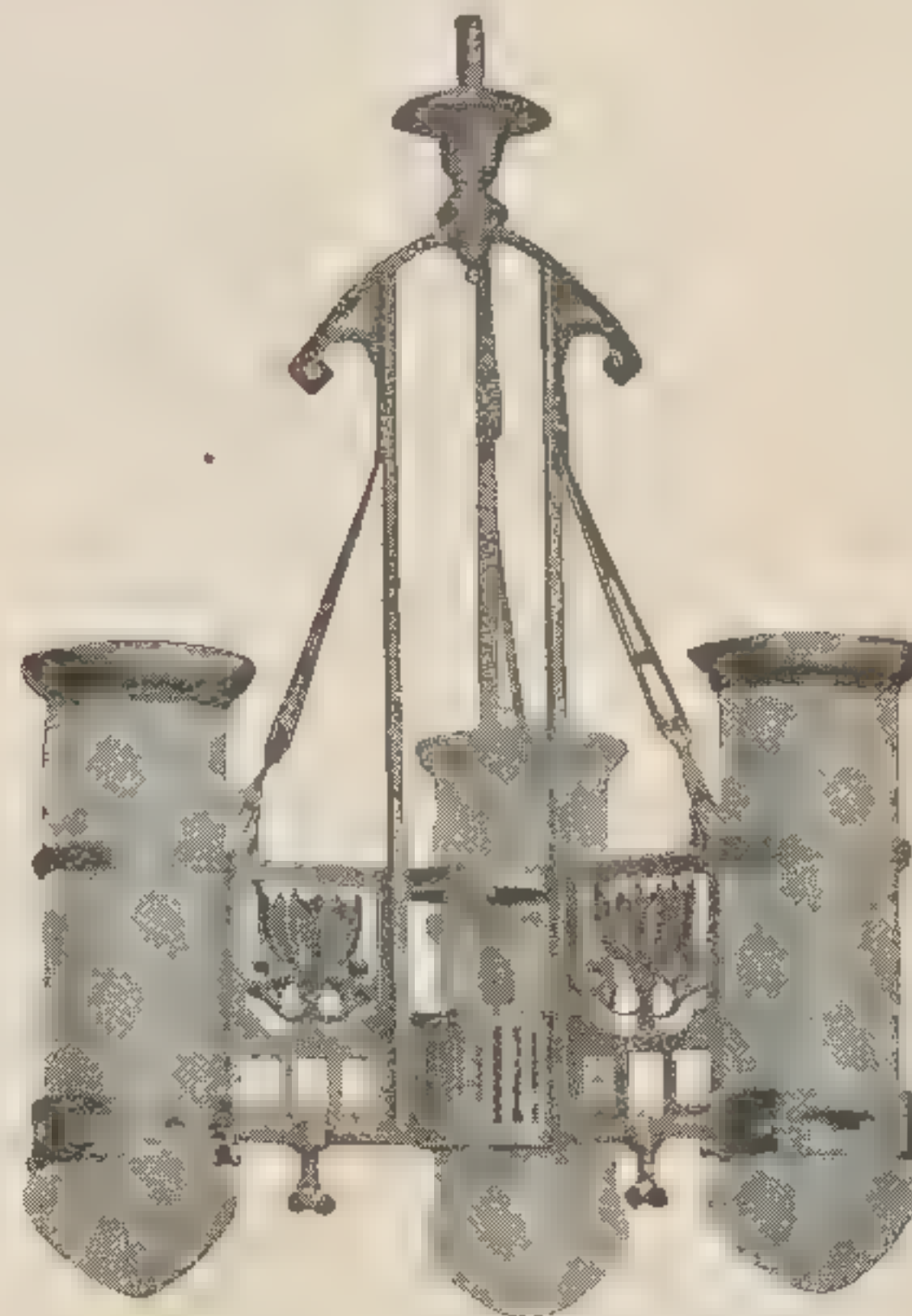
SURPRISE PENDANT.

Polished Brass and Oxidised Copper.
Either upright or inverted Burner
may be used with this fitting.
Large selection of shades in any
color.



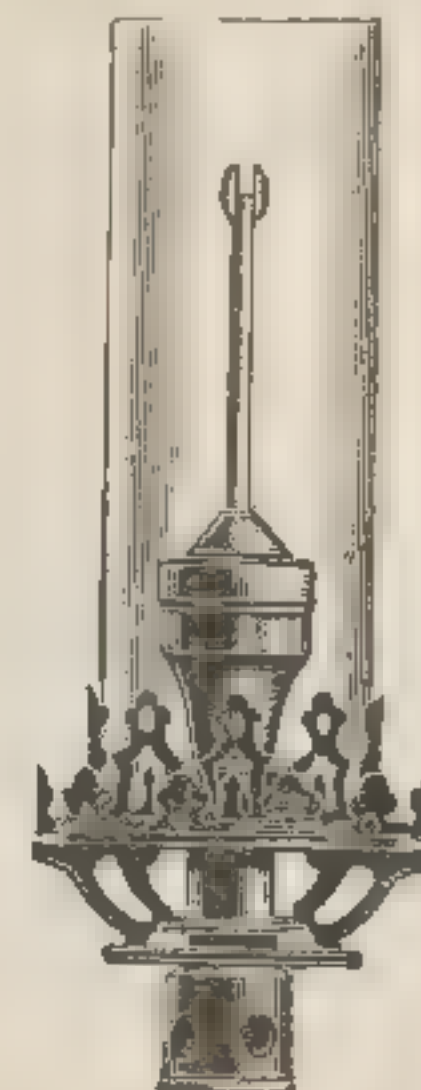
S55.

PILOT LIGHT, INCANDESCENT BURNER.



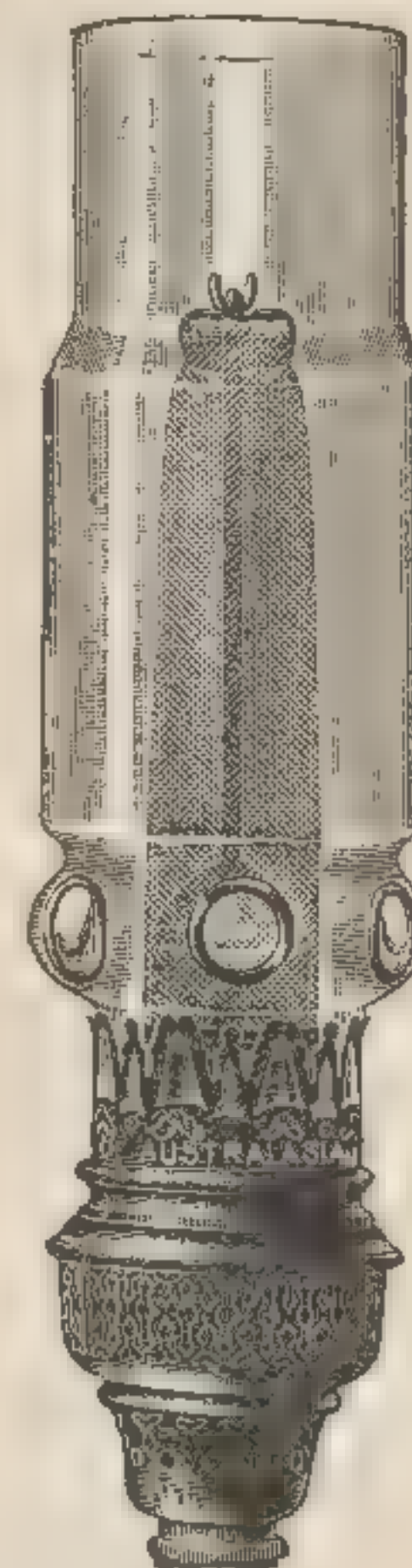
S56.

ANTIQUE COPPER GAS PENDANT. 2 and 3 Light Crystal Glass.



S57

"D" PATTERN INCANDESCENT BURNER. 250 CANDLE POWER



S58.



S59.

SURPRISE PENDANT.

Steel Bronzed.
With 12in. Opal Shade.
Suitable for Dining Room
or Study.

Gas Fittings—Continued.



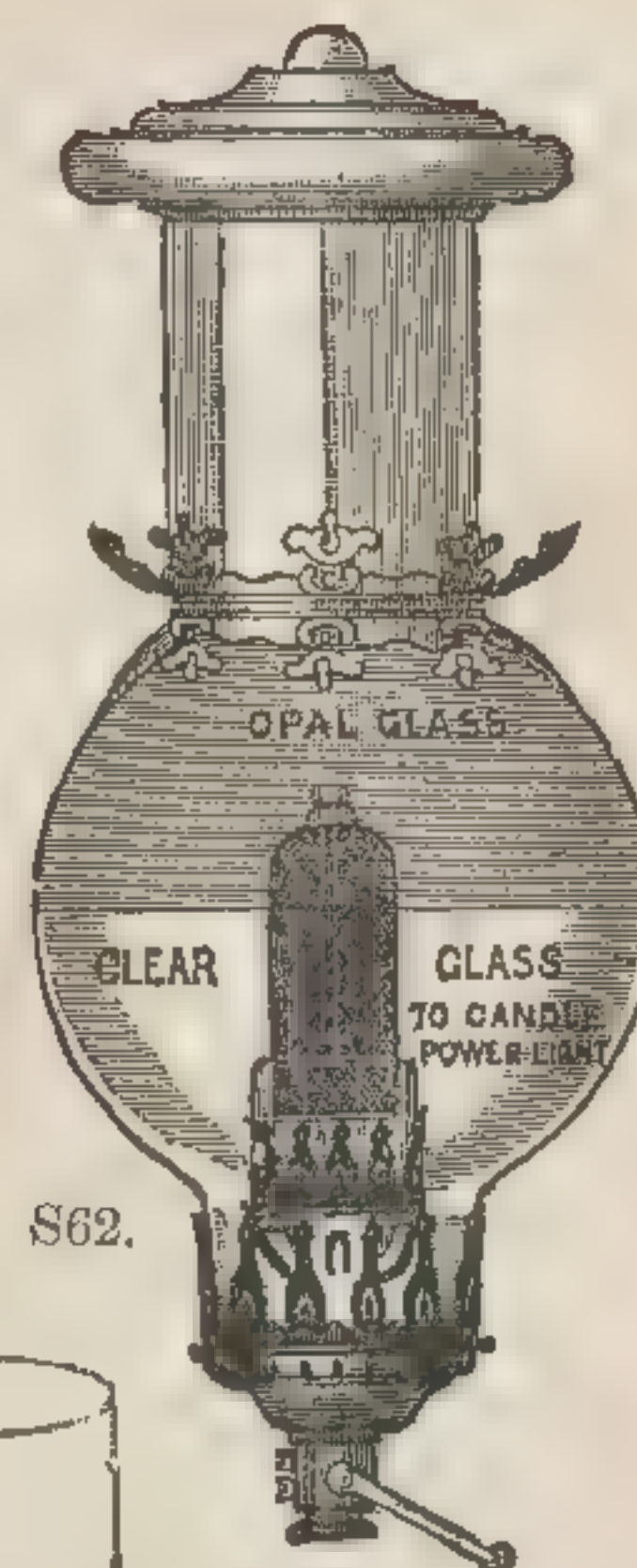
S60.
OUTSIDE ARC
LAMP.
12in. Globe, suitable
for Coal or Acety-
lene Gas; 1, 2, 3,
and 4 Light.



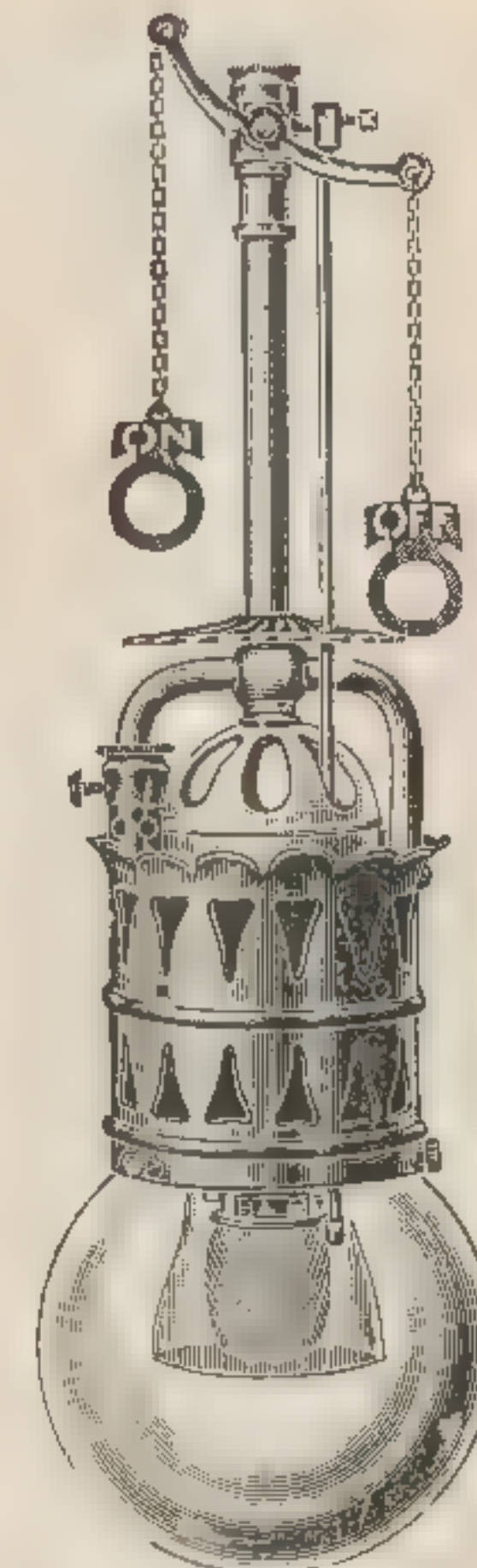
S61.
OUTSIDE LAMP.
With Pear Shaped Globe, 9in.;
Reflector, 14in.;
Overall size, 20in.



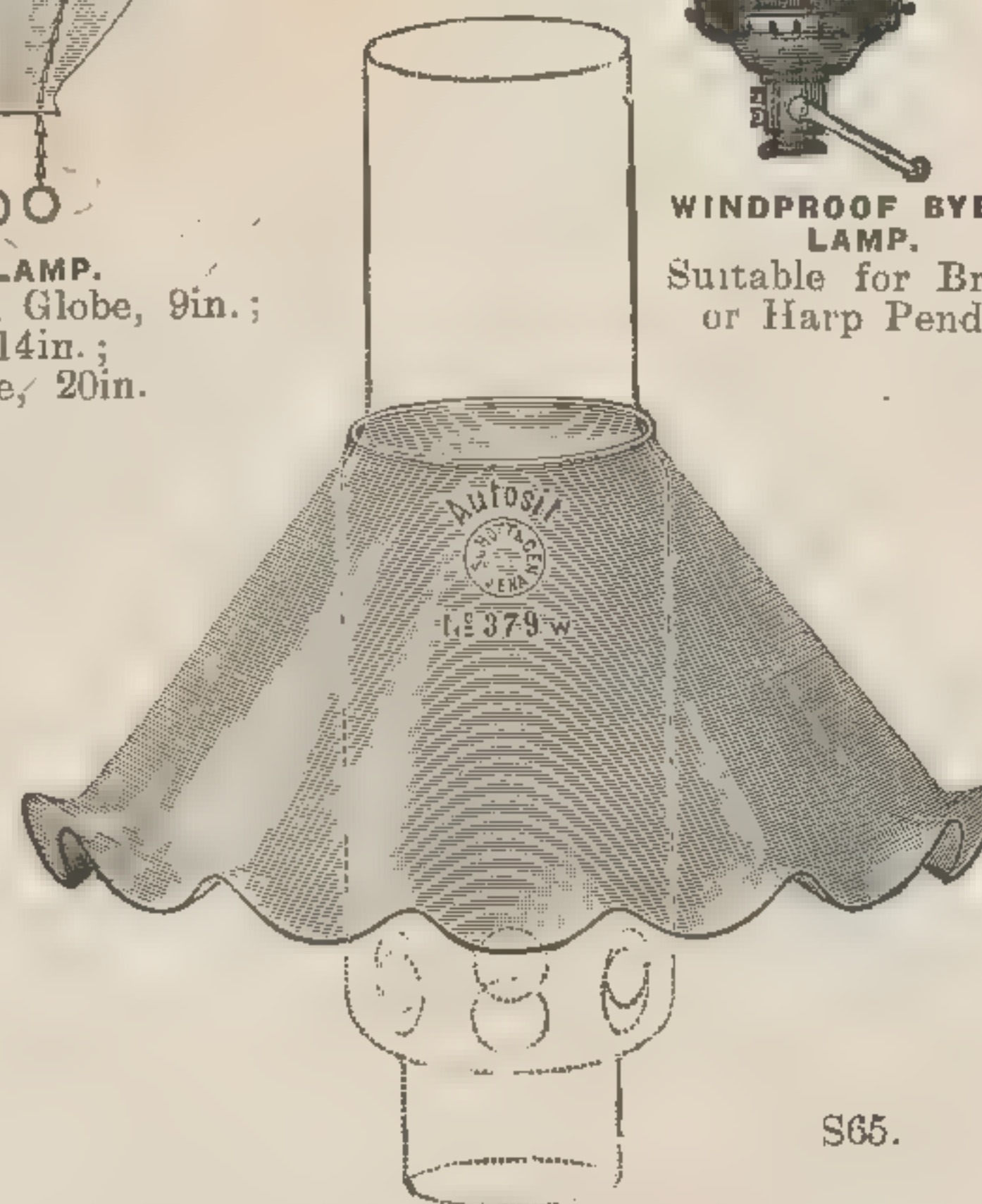
GREEN CARDBOARD SHADE. With Mica Top.



S62.
WINDPROOF BYEPASS
LAMP.
Suitable for Bracket
or Harp Pendant.



S63.
WINDPROOF INVERTED
ARC LAMP.
Suitable for Verandahs,
Shops, or Corridors.

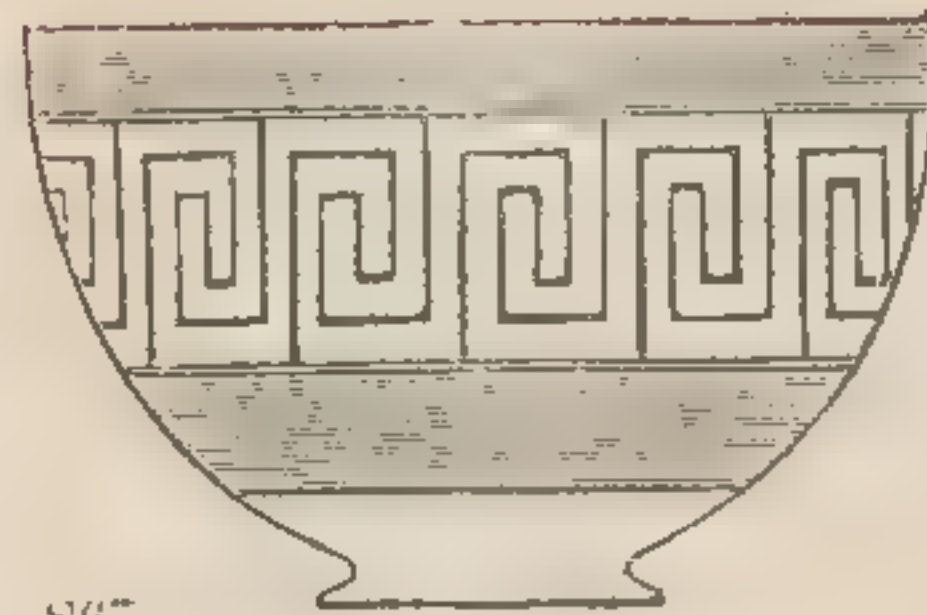


OPAL GAS SHADE.
To fit High Power and Normal Chimneys.

Gas Fittings *Continued.*



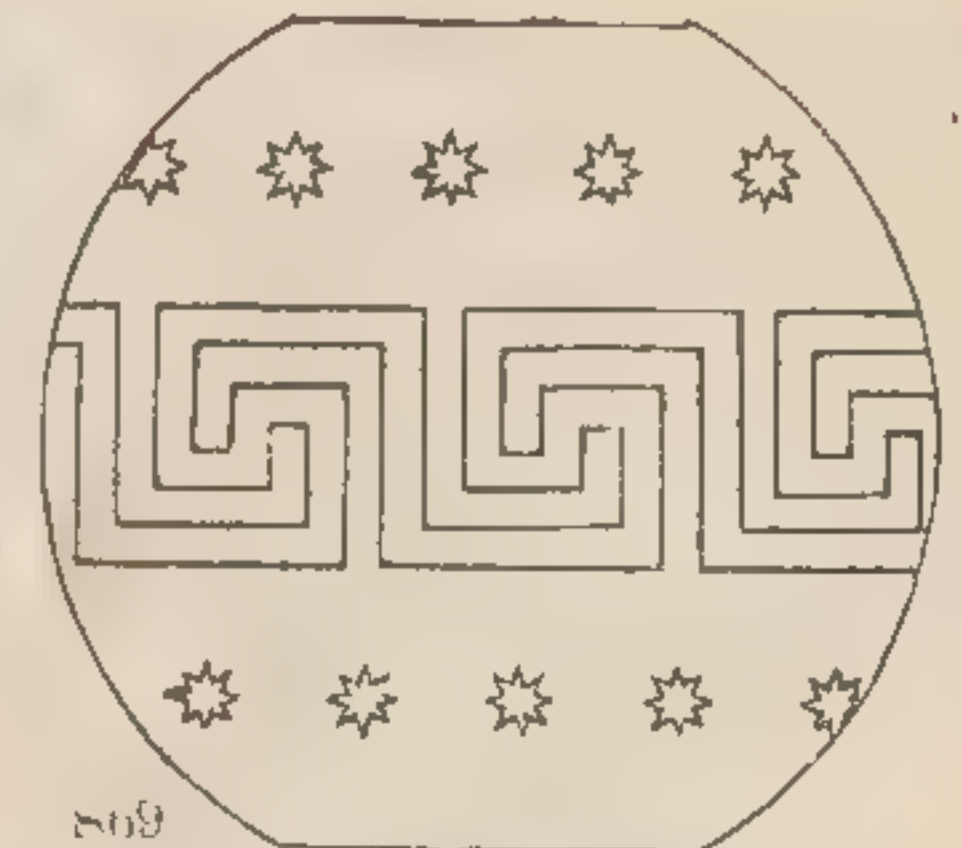
S66.
INCANDESCENT GAS GLOBE.



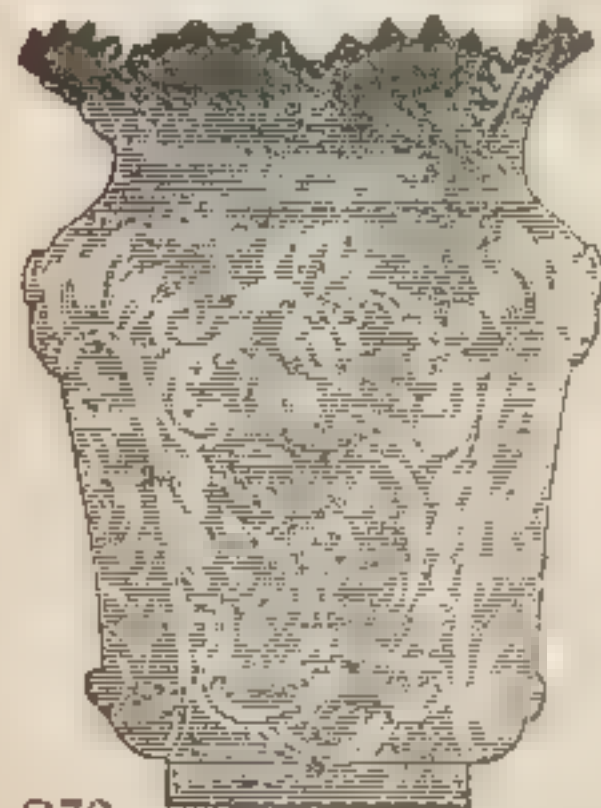
S67.
2½ m. SANDED SAUCER
OR OPAL GLOBE,
assorted patterns.



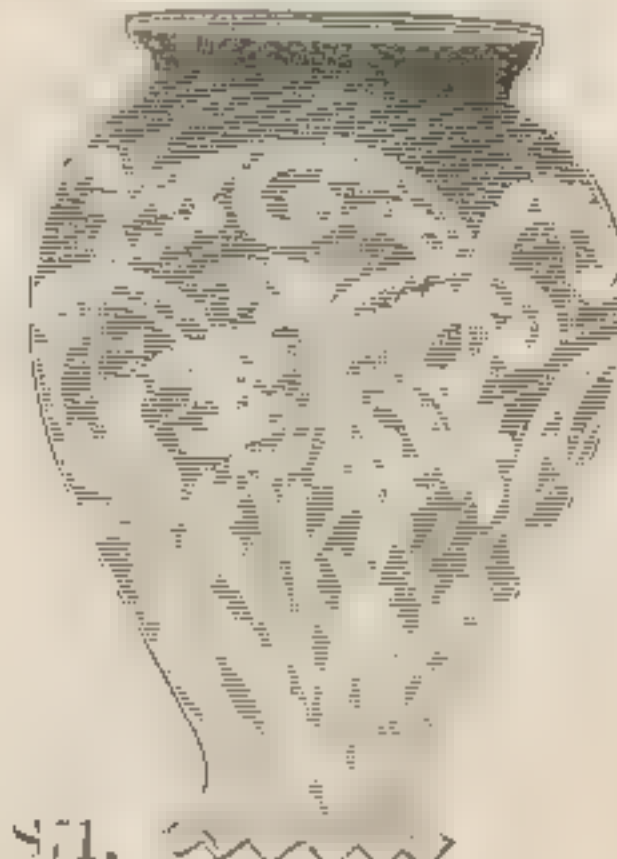
S68.
2½ in. JET GAS GLOBE.
Assorted Colors.



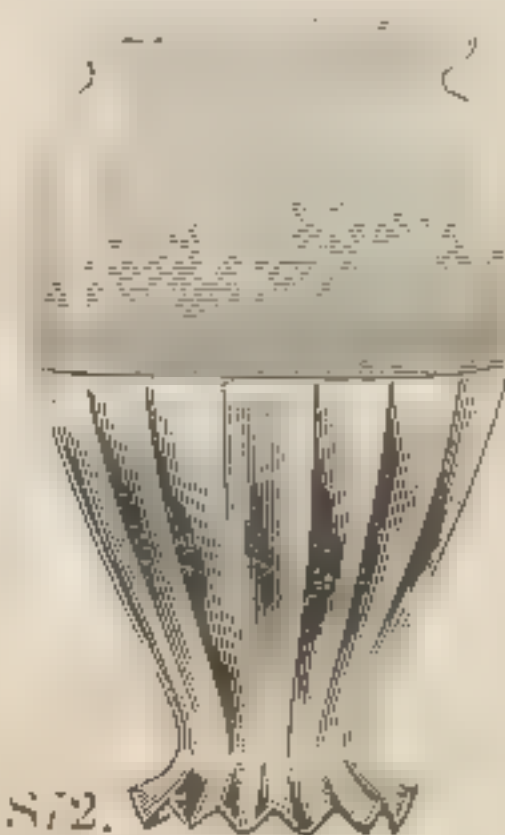
S69
SANDED COMET GAS GLOBE.
Also Stocked in Opal. Assorted Patterns.



S70.
INCANDESCENT GAS GLOBE.



S71.
INCANDESCENT INVERTED
GAS GLOBE.



S72.
INCANDESCENT INVERTED GAS GLOBE.
Half Opal.



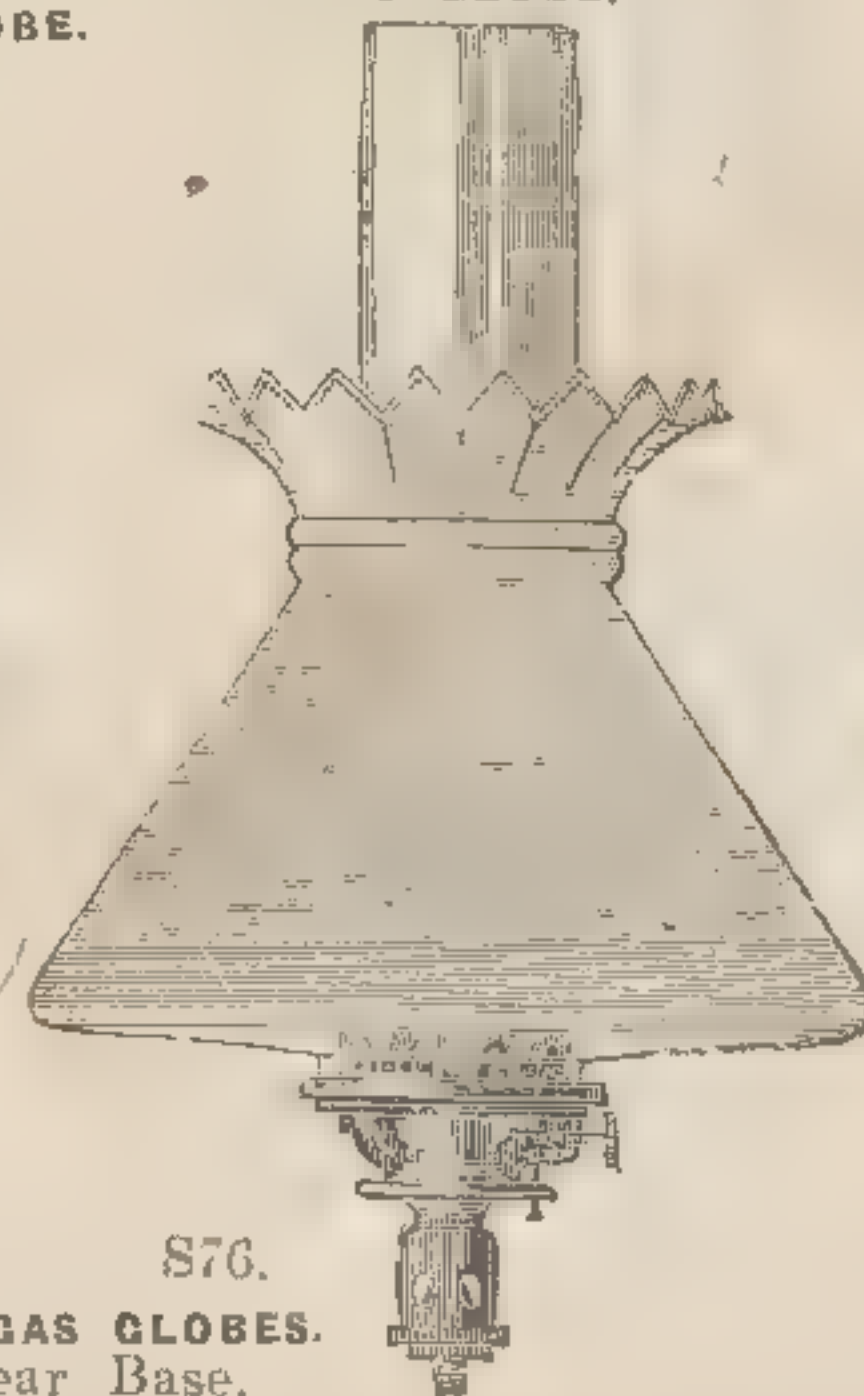
S73.
INVERTED GAS GLOBE.
Assorted Colors.



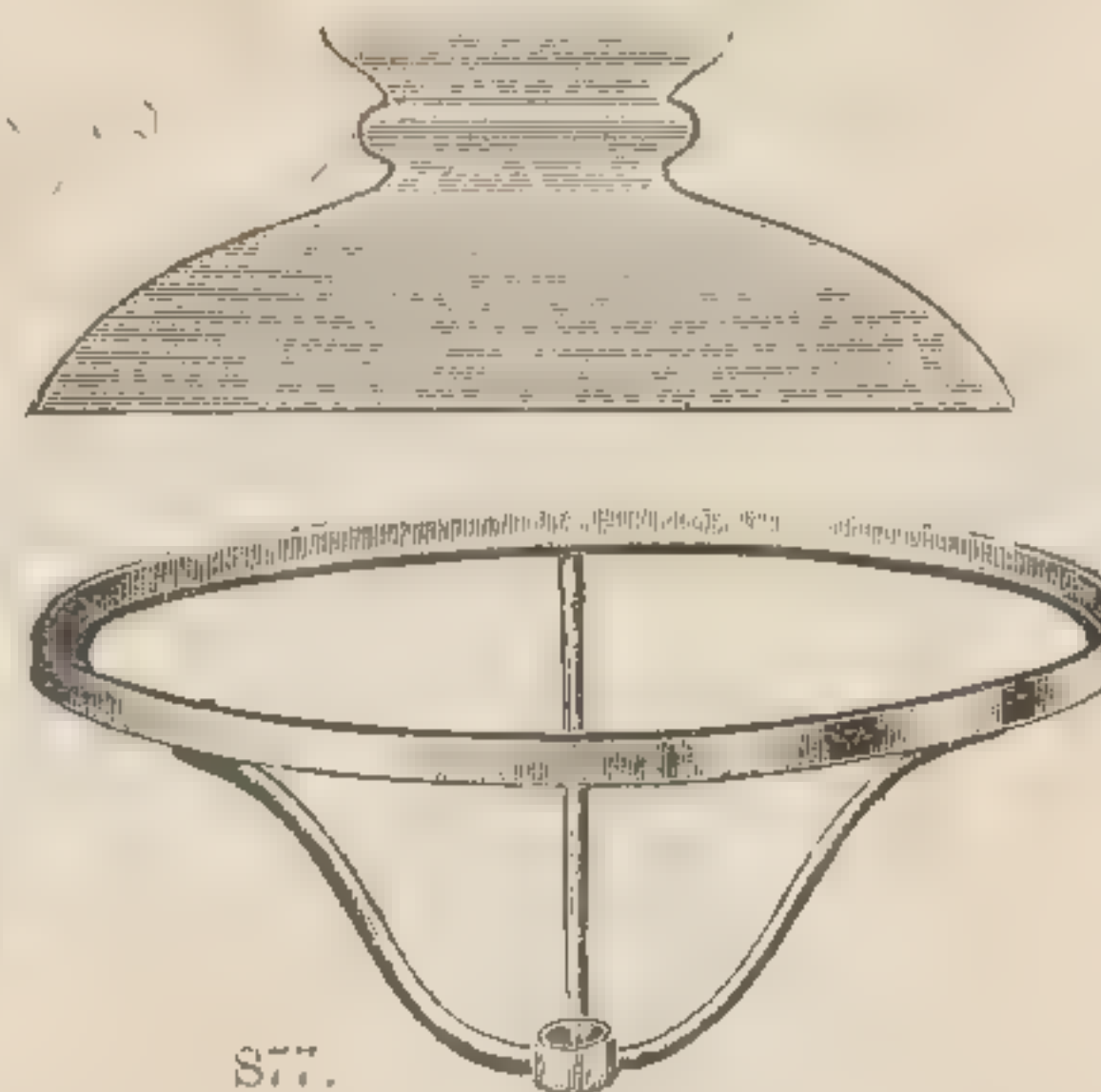
S74.
INCANDESCENT INVERTED
GAS GLOBE.
Opalescent Glass.



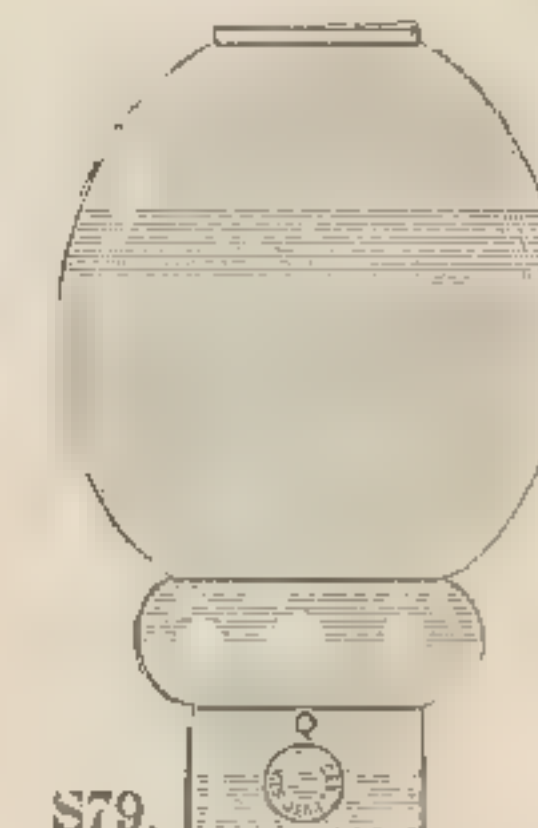
S75.
INCANDESCENT GAS GLOBES.
Opal with Clear Base.



S76.



S77.
OPAL COSMOS SHADES AND HOLDERS.
10in., 12in.
STEEL ENAMELLED SHADES.
10in. and 12in.



S79.
COMBINATION CHIMNEY
AND GLOBE
Opal.
For Incandescent Burner

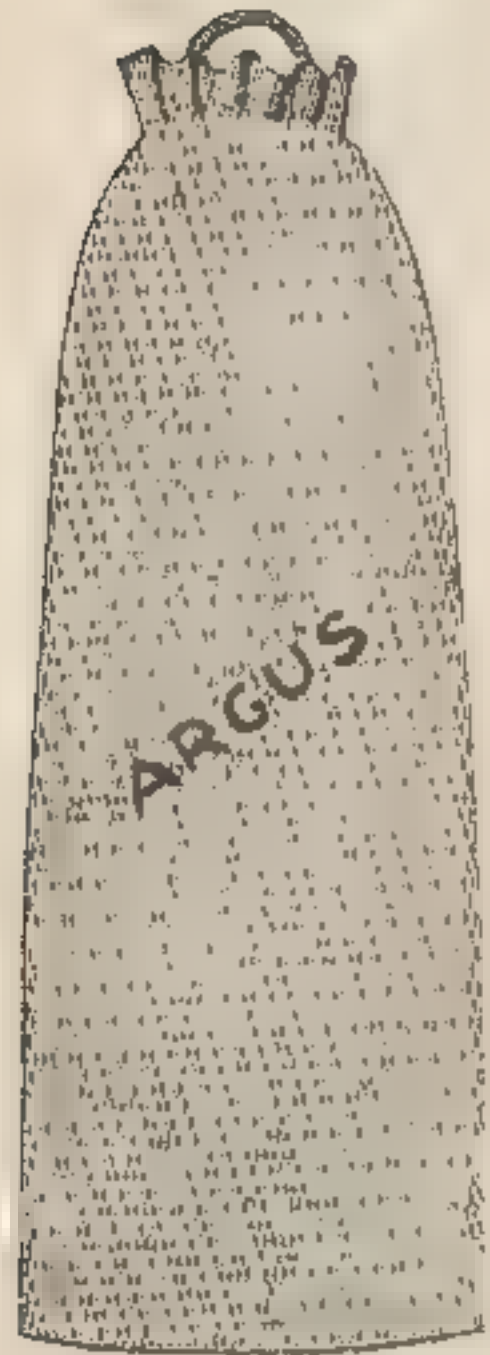


S78

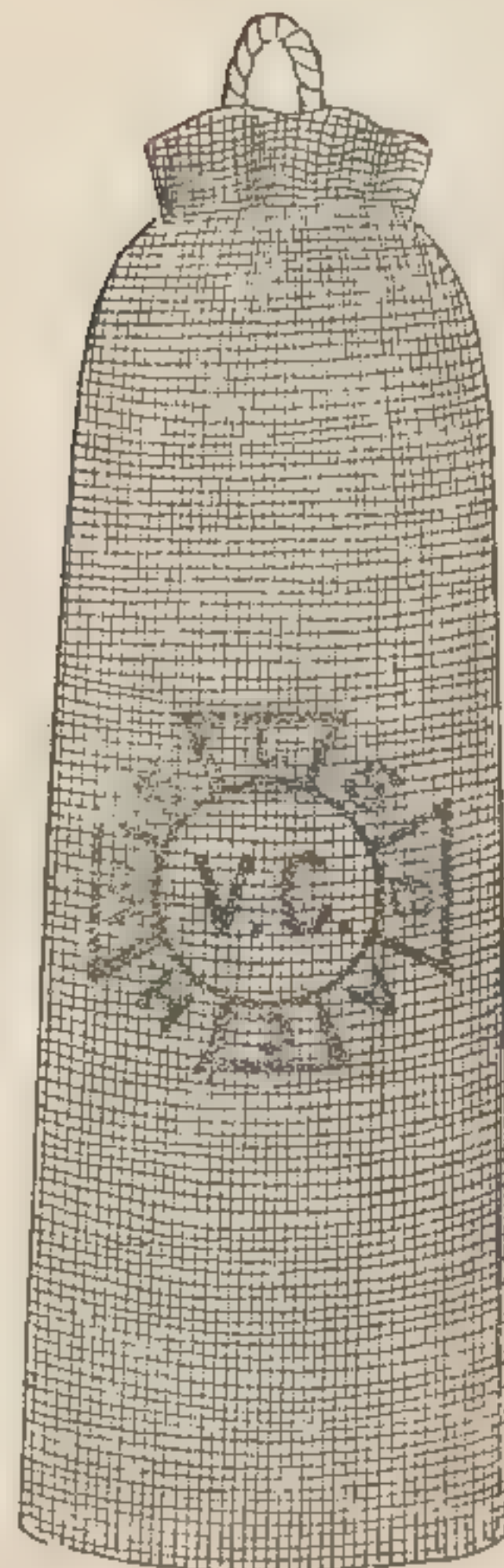
8in. and 10in. H.P. CHIMNEY.
Opal and Clear.

Gas Fittings—Continued.

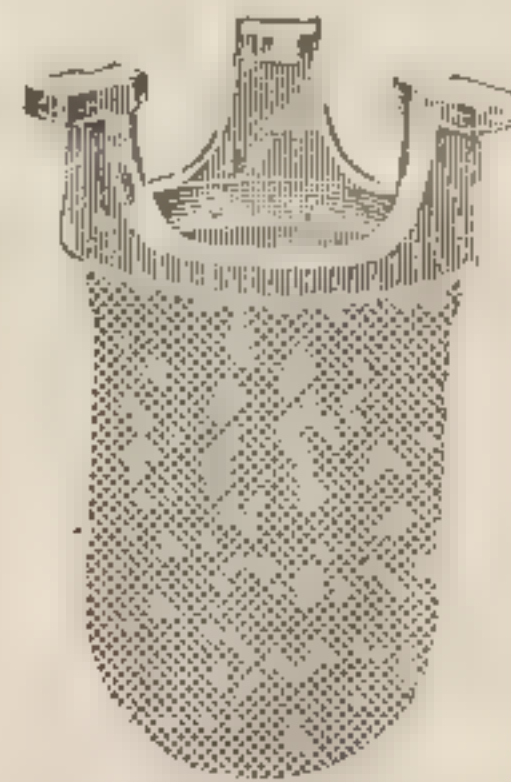
Incandescent Gas Mantles.



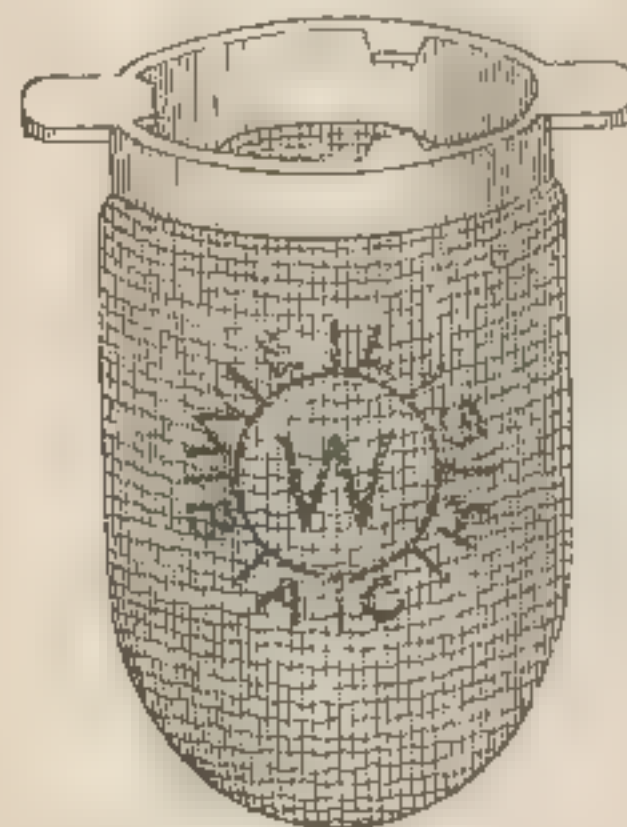
S80.
ARCUS MANTLE.



S81. V.G. MANTLE.



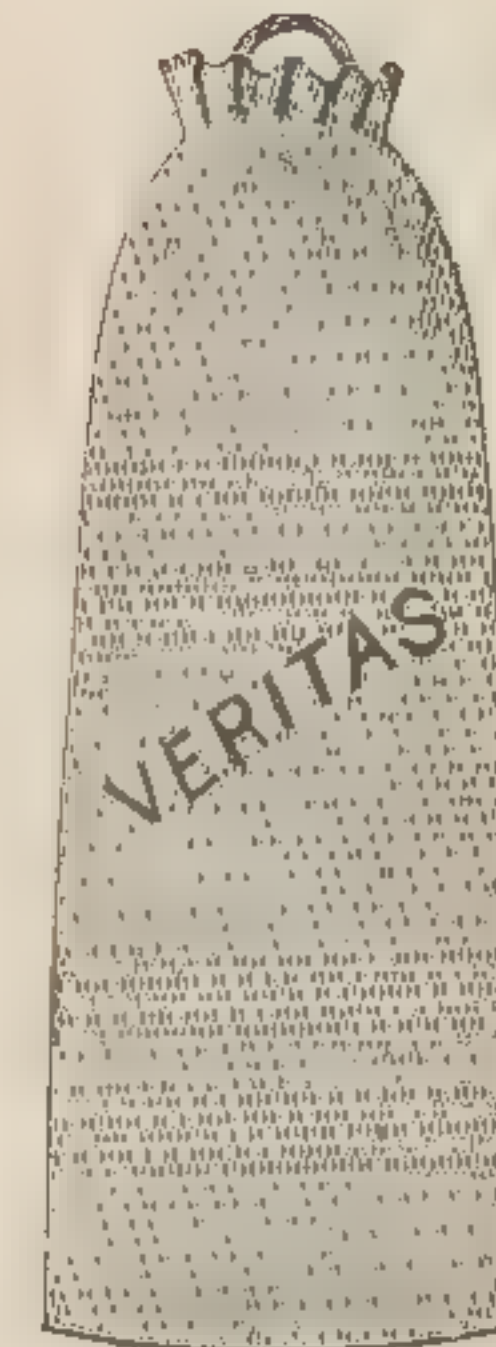
S82.
INVERTED MANTLE
For H.P. Burners.



S83.
STANDARD AND BIJOU
INVERTED MANTLE.



S84.
SUNLIGHT MANTLE.



S85.
VERITAS MANTLE.



RED AND GREY GAS TUBE.
Size, $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in.



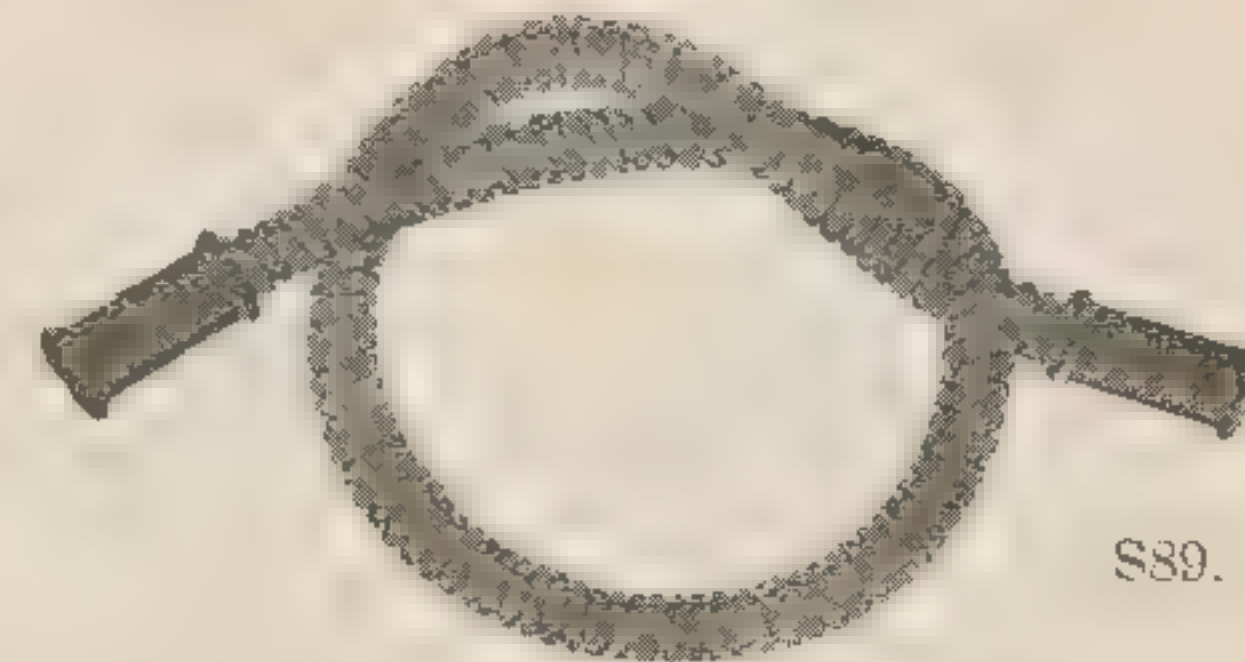
BRAY'S REGULATOR
GAS BURNER.
2 to 8.



S87.

BRAY'S BATSWING
BURNER.
3 to 8.

S88.



S89.

FLEXIBLE METAL GAS TUBE,
5 16, with $\frac{1}{8}$ Rubber Ends. 3, 4, 5, 6, 8 ft Lengths
Coils about 50ft.

Acetylene Gas Generator and Burners.



S90.
INCANDESCENT
ACETYLENE
BURNER.



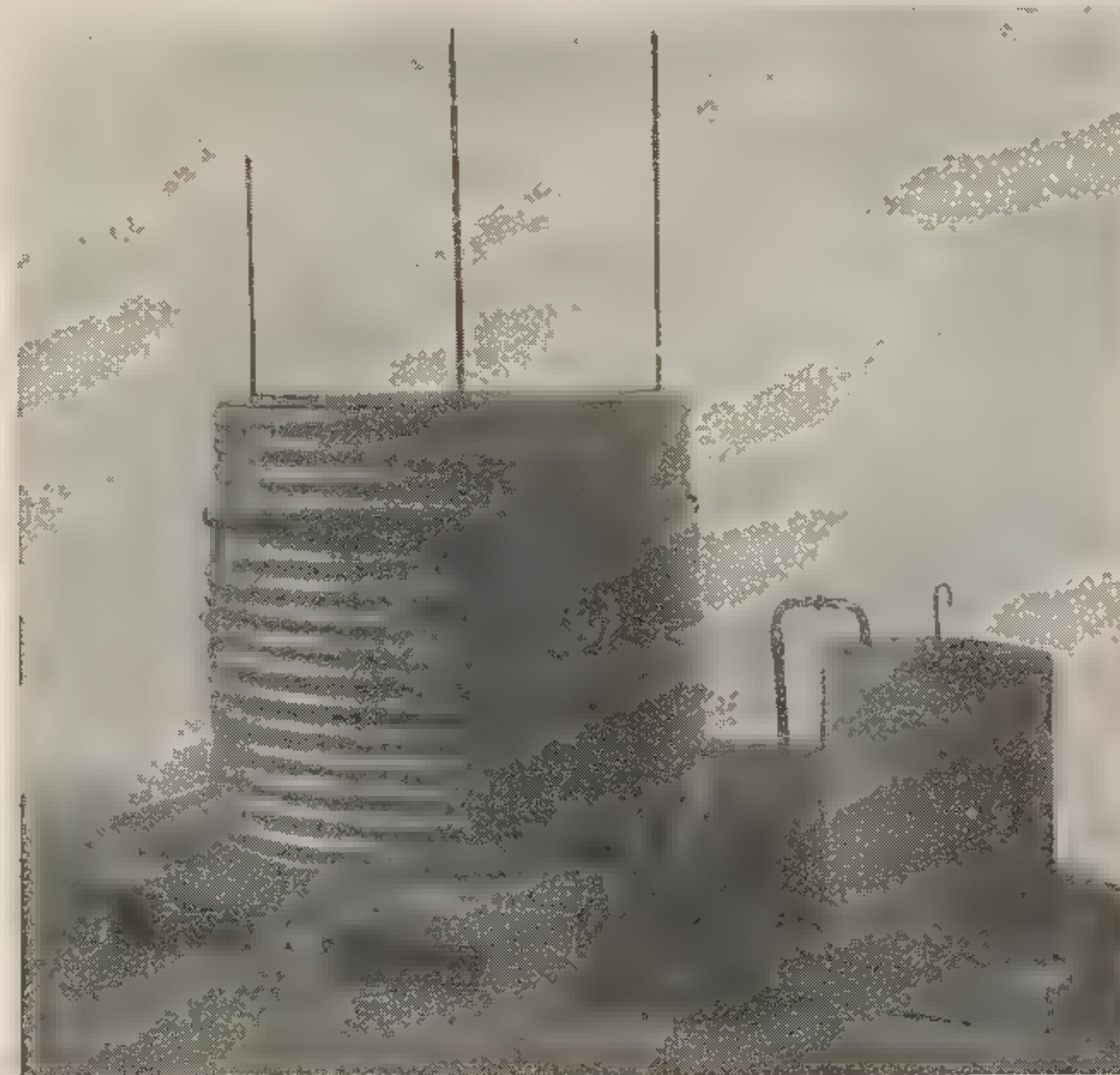
S95.
GETO.
 $\frac{1}{2}$, $\frac{3}{4}$, 1ft.
UNION JET ACETYLENE BURNERS.



S96.
OTA.
1ft.



S97.
BETO.
1, $\frac{1}{2}$, 2ft.



GENERATOR,
in Galvanized Corrugated or Plain Iron.
Made in the following sizes:—5, 10, 15, 20, 25, 30,
50, 100 Litre.
Full particulars on application.

TABLE OF EQUIVALENTS OF BURNERS MARKED.

7 Litres— $\frac{1}{2}$ ft. consumption per hour—10 C. Power.					
14	"	$\frac{1}{2}$ ft.	"	20	"
21	"	$\frac{3}{4}$ ft.	"	35	"
28	"	1ft.	"	50	"

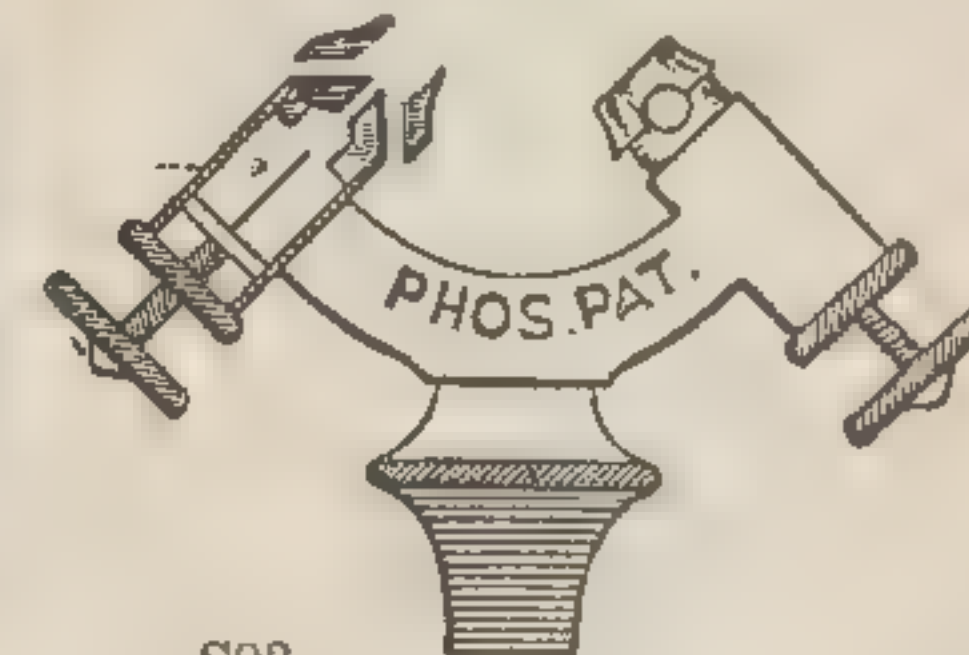
CALCIUM OF CARBIDE.
(in 2-cwt. drums).



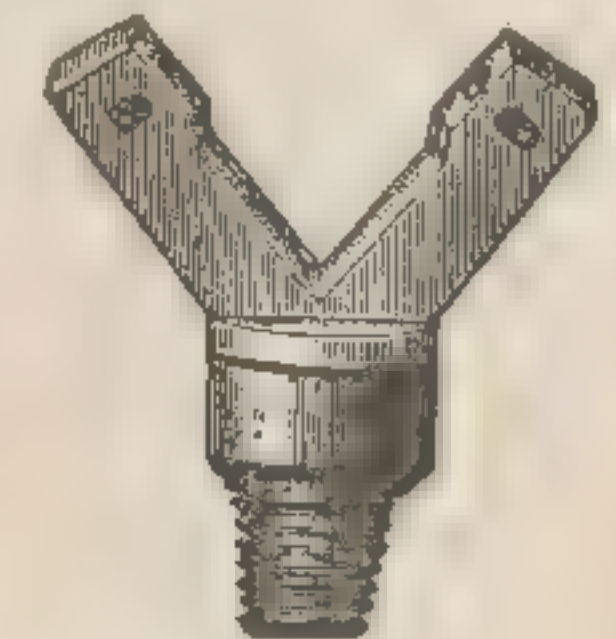
S91.
1 Flame Horseshoe.
15, 25, 30 Litre.
Male or Female.



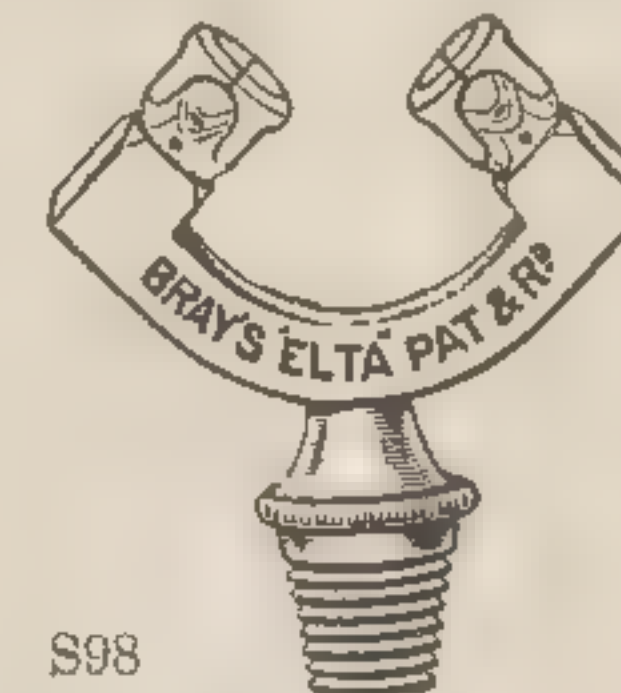
S92.
2 Flame Horseshoe, 40, 50 Litre.
3 Flame Horseshoe, 60, 75 Litre.



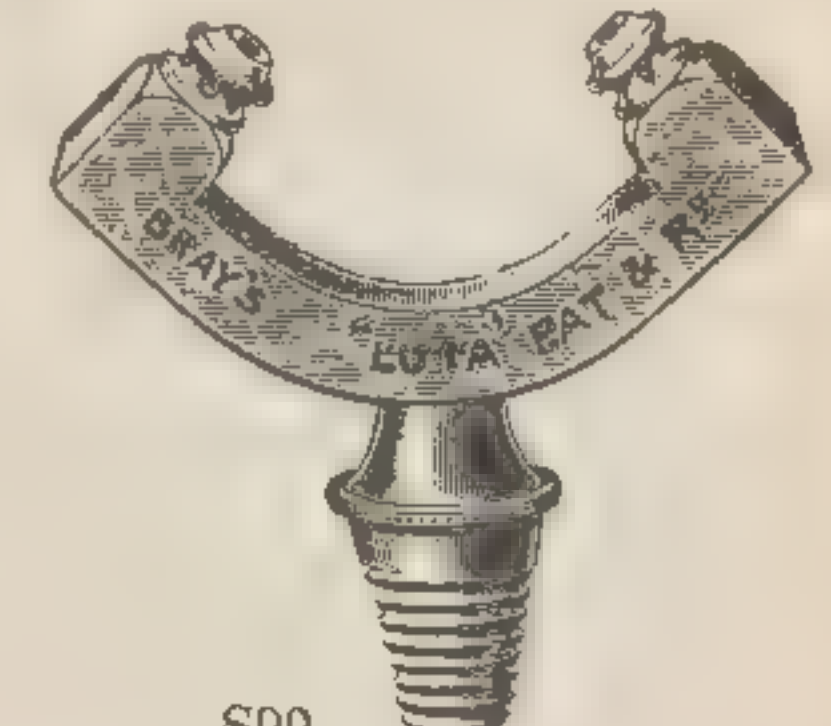
S93.
PHOS. BURNER.
Can be turned low for any length of
time without carbonising. $\frac{1}{2}$, 1, 1 $\frac{1}{2}$ ft.



S94.
STEATITE ACETYLENE
BURNER,
With Air Supply.
15, 25, 30 Litre.



S98
ELTA ACETYLENE BURNER.
(Can be turned low without carbonising. LUTA ACETYLENE BURNER
Sizes, $\frac{1}{2}$, 1, 1 $\frac{1}{2}$ ft.



S99.
LUTA ACETYLENE BURNER
Sizes, $\frac{1}{2}$, 1, 1 $\frac{1}{2}$ ft.

FURNISHING HARDWARE.—Baskets.



JAPANESE DRESS BASKET.
In Nests of 5.
To 18, 20, 24, 27 inch.



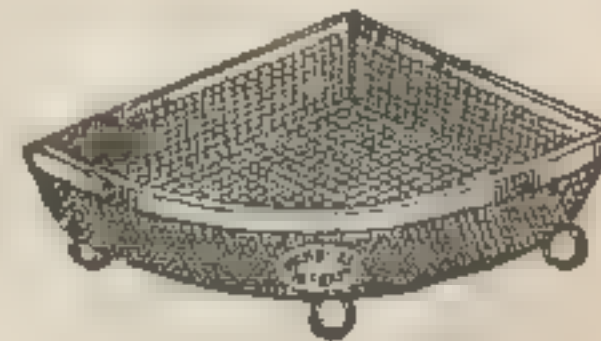
WOOL BASKETS.
Any size to order.



CLOTHES BASKET.
In Nests or singly.
12, 14, 16, 18, 20, 22 inch
measurement at bottom.



TINNED WIRE FRY BASKET.
6½, 7, 8, 9, 10, 11, 12 inch.



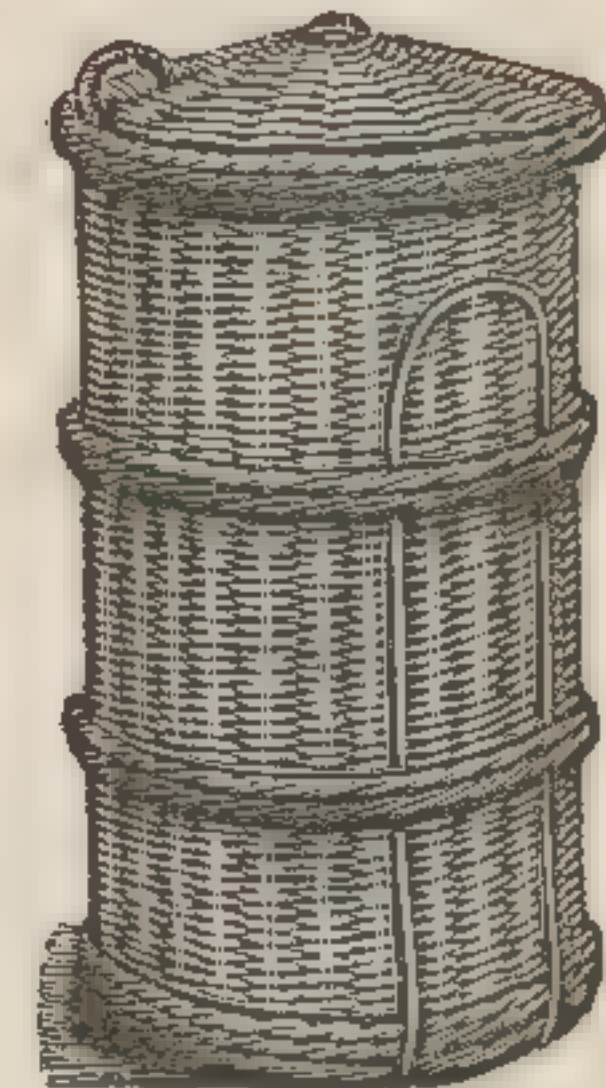
SINK BASKET.
Triangular, Oblong.



BUTCHER'S BASKET.
In Nests or singly.
12, 14, 16, 18, 20 inch
measurement at bottom.



WOOD KNIFE BOX.
Plain or Varnished.
Nos. 2, 3.



SOILED LINEN BASKETS.
In Nests or singly.
12, 14, 16, 18 inch.

WOOL BASKETS.

Wood Clogs on Bottom.

Bottom.	Top.	Deep.	Bottom	Top.	Deep.
16in.	22in.	19in.	22in.	28in.	21in.
18in.	25in.	21in.	24in.	33in.	24in.
20in.	27in.	23in.	26in.	36in.	26in.
22in.	31in.	26in.	28in.	39in.	30in.
24in.	33in.	29in.	30in.	41in.	33in.
			32in.	46in.	35in.



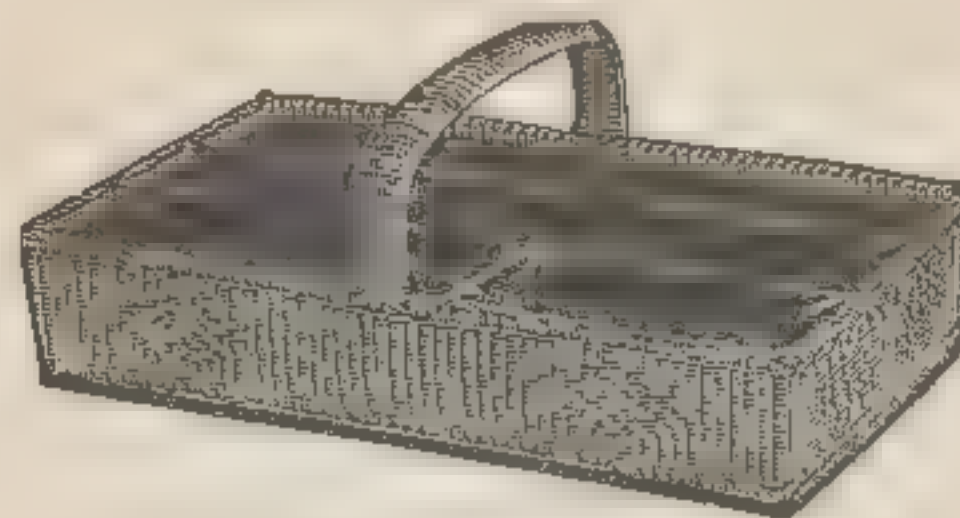
GROCER'S BASKET.
12, 14, 16, 18, 20 inch.



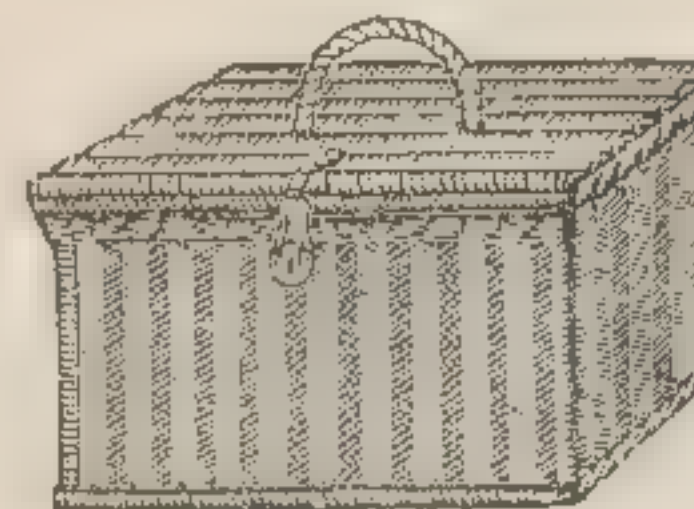
BOTTLE BASKET.
6, 12, 24 hole.



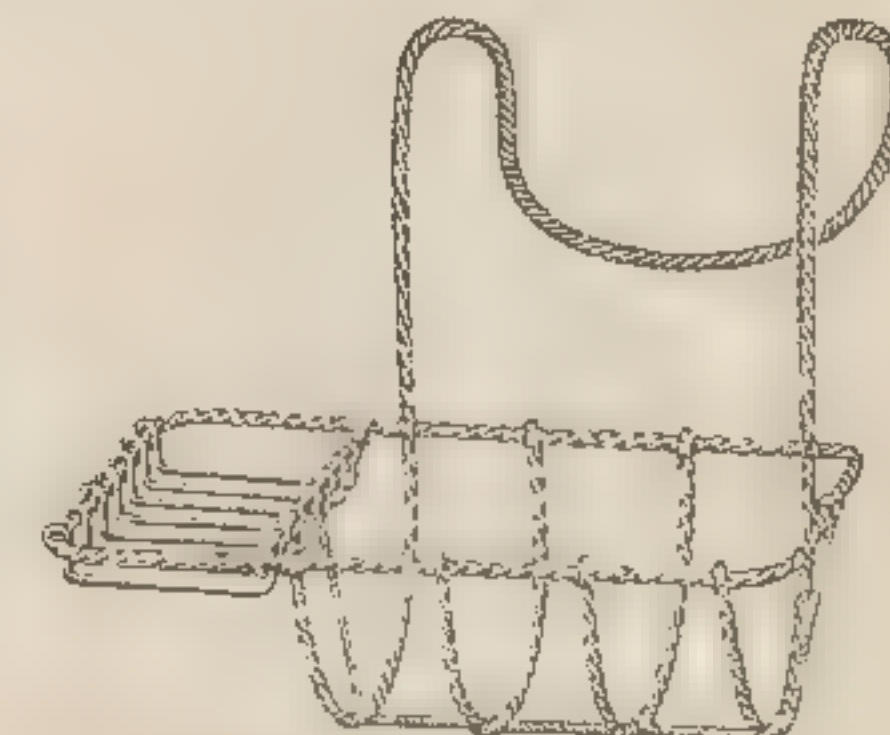
WIRE PLATE BASKET.
Small, large.



WICKER PLATE BASKET.
Baize Lined.
2, 3, 4, Divisions.

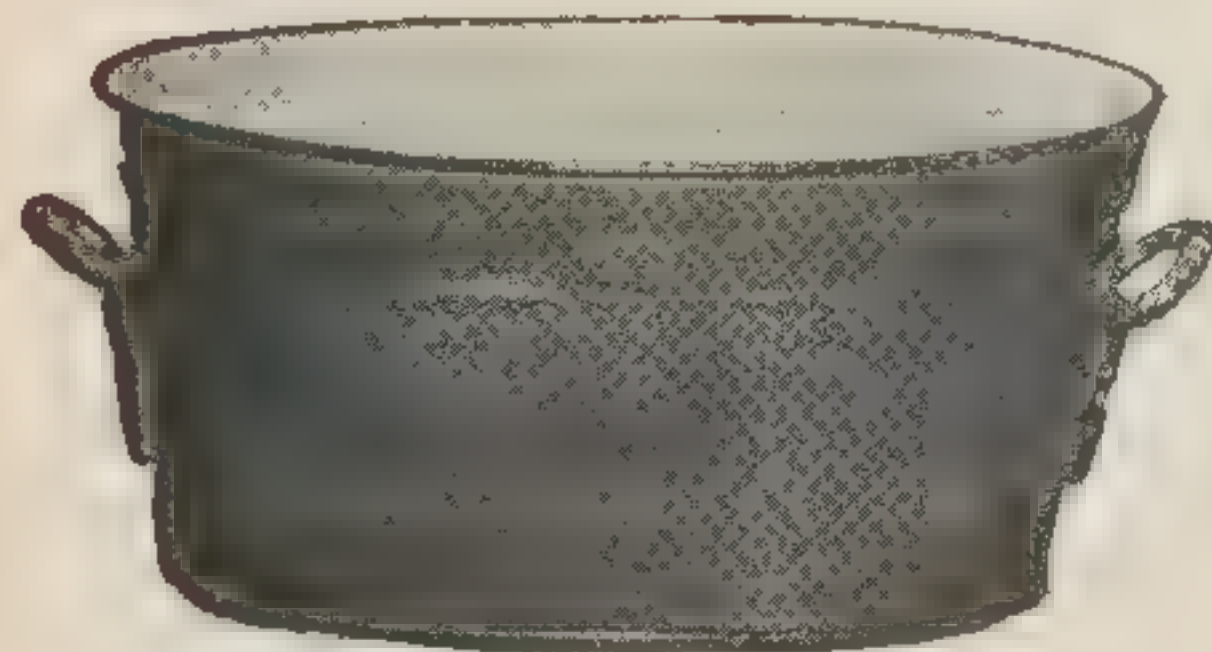


PICNIC BASKET.
Plain or Fitted.
Various sizes.



WIRE SPONGE AND SOAP BASKET.

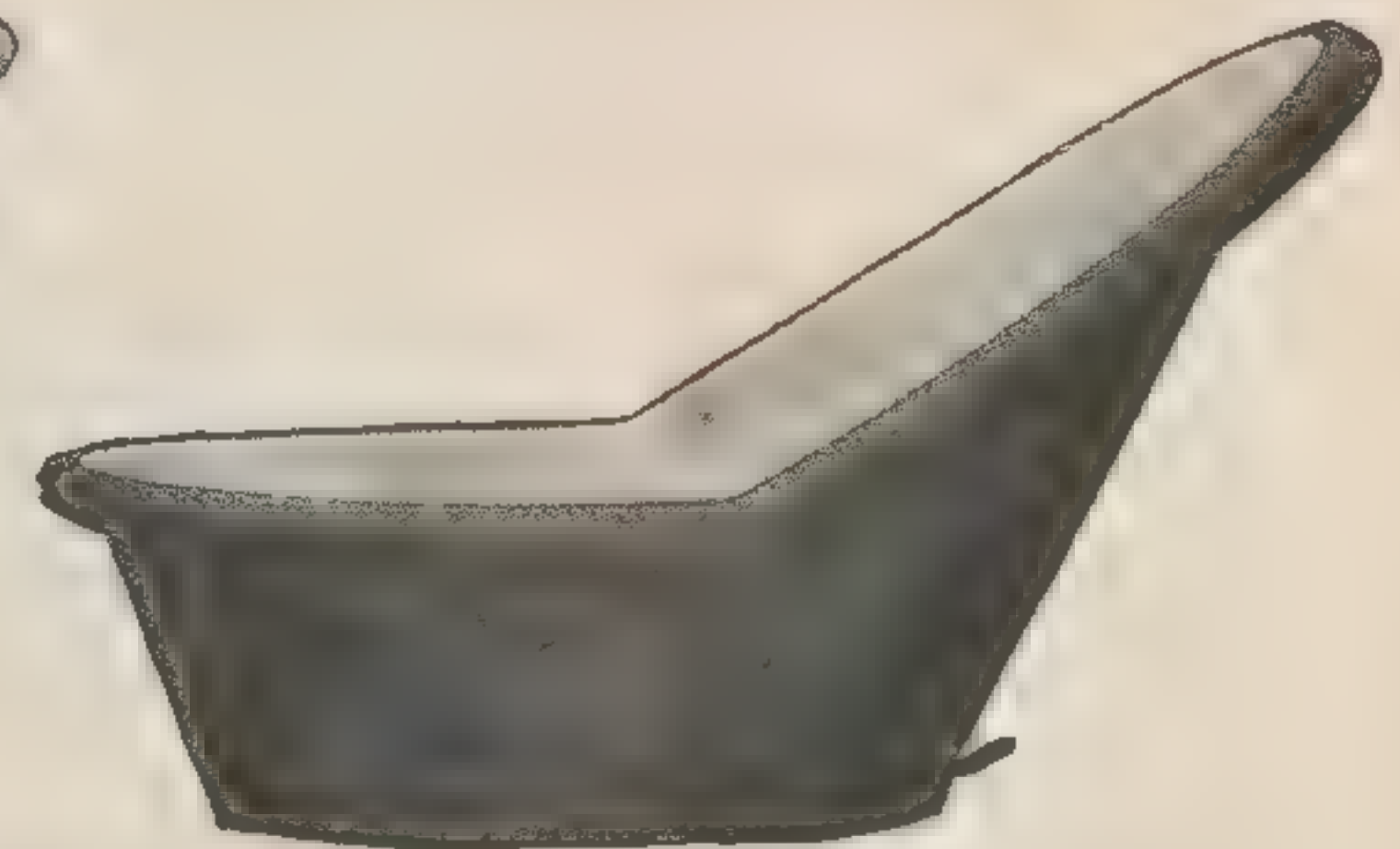
Baths and Boxes.



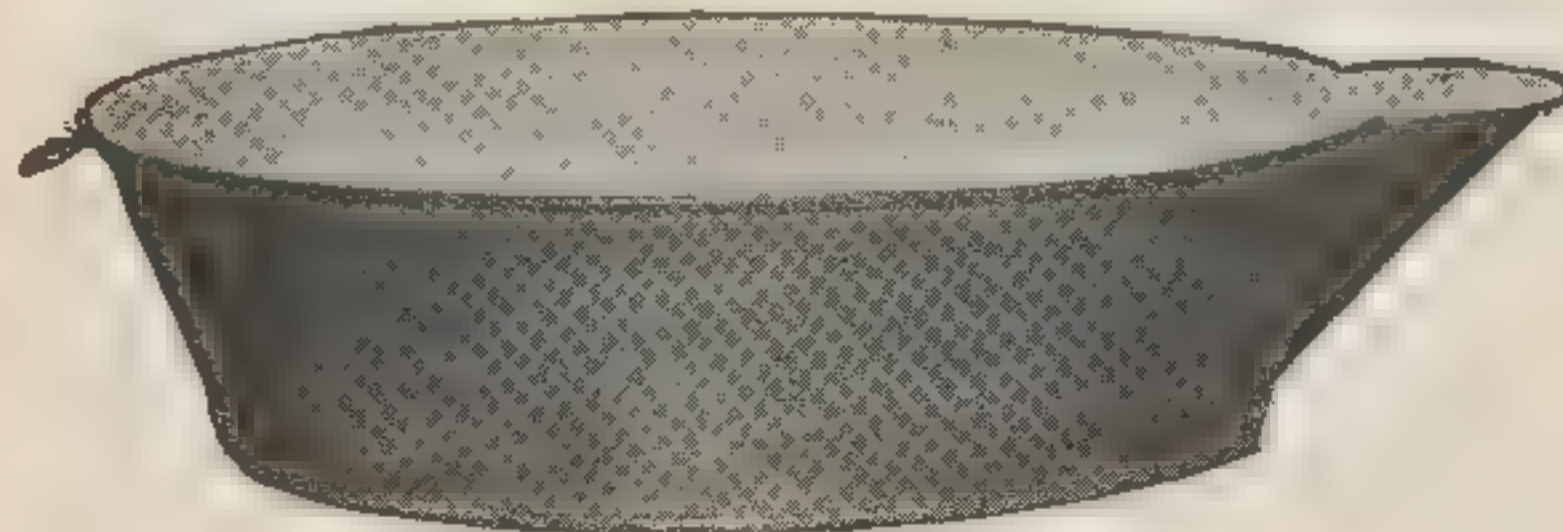
OVAL FOOT BATH. Wired or Beaded.
14, 16, 18, 20, 22, 24, 26, 28 inch.



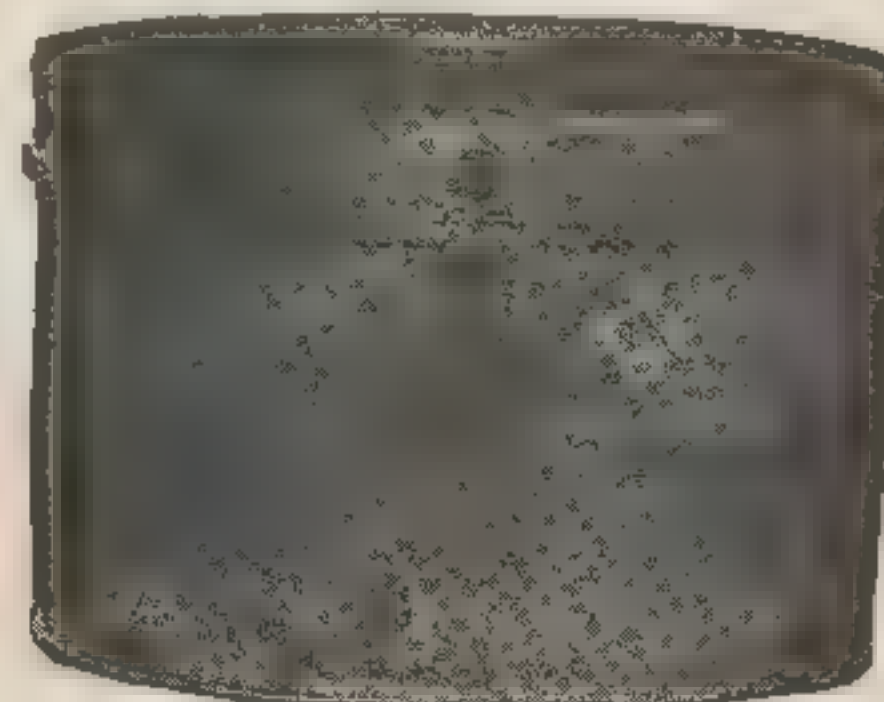
HIP BATH.
Best Tinned Steel, with Arm Rests.
No. 1, No. 2, No. 3, No. 4



SITZ BATH. Beaded, Plain, or Galvanized Oak.
No. 1, No. 2, No. 3, No. 4.



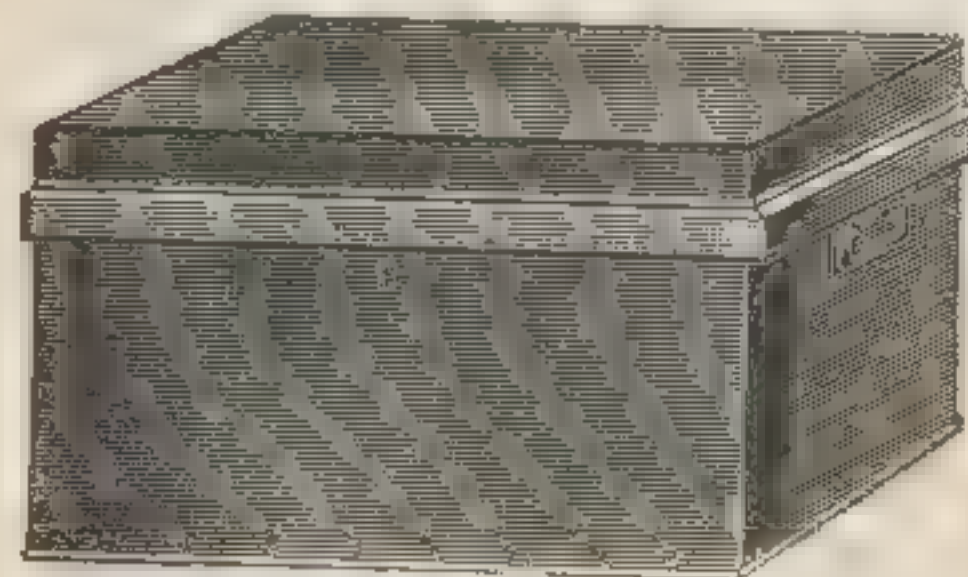
SPONGE BATH. Wire or Beaded
28, 30, 32, 34, 36 inch.
CHILD'S JAPANNED OAK BATHS, 24 to 36 inch.
CHILD'S ENAMELLED BATHS, 18, to 24 inch.
TRAVELLING BATHS, 24, 26, 28, 30, 32 inch.



BONNET BOX.
Plain Top, Round or Oval.
14, 16, 18, 20 inch.



DINNER BOX.
10, 12, 14, 16 inch.



DEED BOX.
14, 16, 18, 20, 22, 24 inch.
Paper Boxes, 12, 14, 16, 18, 20 in.



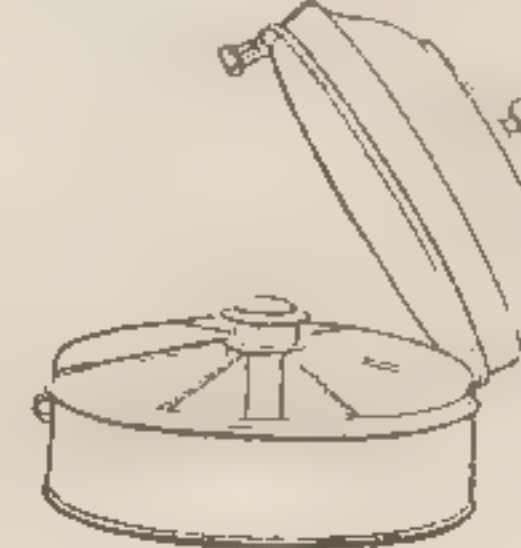
TIN FLOUR DREDGER.
Small, Medium, Large.



PEPPER BOX.
Japanned, Bright, Copper Top.



TWINE BOX.
To Stand or to Hang.



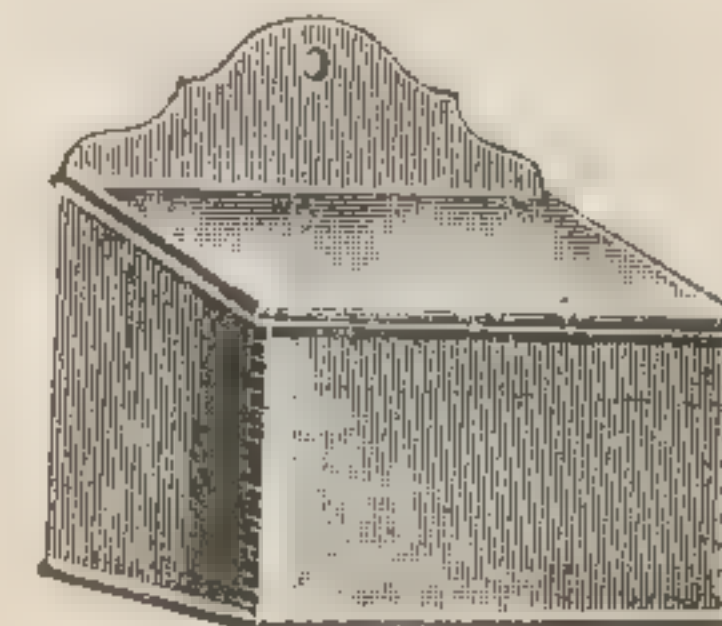
SPICE BOX.



CASH BOXES.
6, 7, 8, 9, 10, 11, 12, 14 inch.
All qualities, and with Hobbs' locks.



HOUSEMAIDS' BOXES, 12, 14 inch.
MONEY BOXES, assorted.
BAMBOO BLINDS, 4 ft. to 12 ft. x 8 ft Drop.
VENETIAN BLINDS, for Internal or External use, any size to order
BLANCO, in Tins and Re-fills.
BLACKING,
BLACK LEAD, Nixey's, 1d., 2d., 4d. sizes. do., Powdered.



PLAIN WOOD SALT BOX.



FANCY WOOD SALT BOX.

Bells, Gongs, Etc.



BRASS DINNER BELL.
Turned Edge.

3, 3½, 4, 4½, 5, 5½, 6, 7,
8 inch



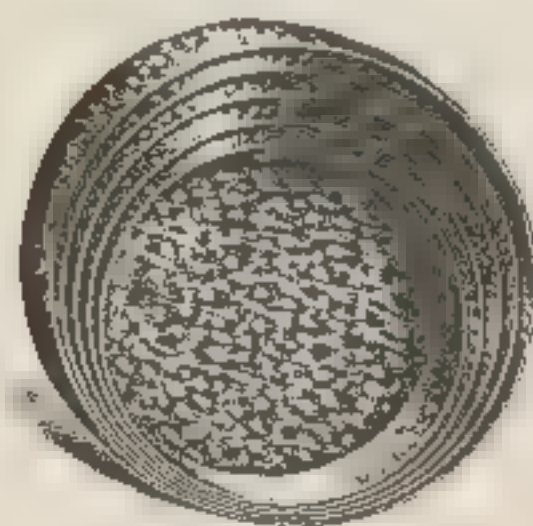
No. 1.



No. 2.

CALL BELLS.

Brass and Nickel-plated.
Assorted Designs



9, 10, 11, 12, 13, 14.
COPPER CHINESE GONGS.



TABLE GONGS.

Brass and Nickel-plated, with Turn and Electric
Action, in many Designs.



THE CROWN SELF-BASTING BROILER.
Round and Oval.



FLOUR BIN, to hold 25 lbs.

SUGAR BINS. Galvanized or Japanned Oak
PLATED BEER ENGINES. Single Pull for
Counter use.

MAHOGANY BEER ENGINES. 1, 2, 3 Pulls.



PILLAR CANDLESTICK.
Brass, Nickel-plated,
In many designs

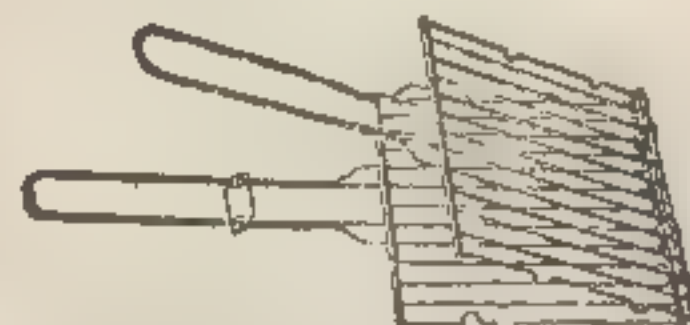


GARDEN CHAIR.

Other Patterns Stocked
Also Canvas Deck Chairs, with Arm
and Foot Rests.

Folding Carpet Chairs.

Folding Verandah Chairs, etc. Wood, Zinc, Combination, North Star and Northern Queen.
Mermaid, Enamel and Glass.



SHERWOOD'S TINNED WIRE BROILER.
Lighth. 6½, 7¾, 9, 10½ inches wide.
Heavy. " " " "
Extra Heavy, 10½ inch. "
Hotel. 12½, 14 inch.



CANDLESTICK.
Chamber Tin,
Brass, Nickel plated,
Britannia Metal.



WASH BOARDS.

BRILLIANTSHINE. ½, 1, 2, pint tins.

BUCKETS. Amalgam, with Back Handles, 8, 9, 10in.
" Wood and Fibre.

BUNGS. 1 to 4 inch.

CORKS. All kinds and sizes.

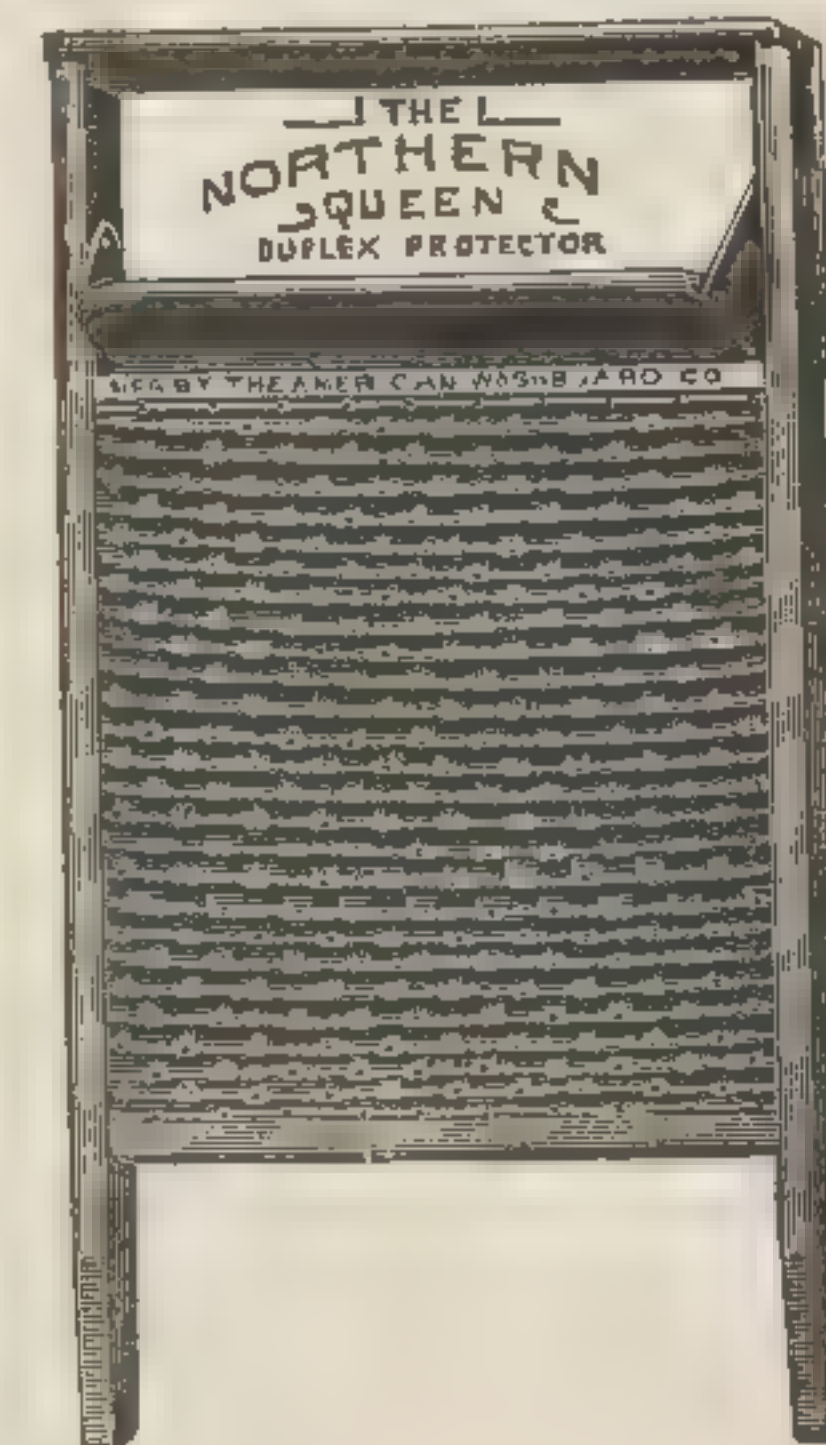
CANISTER'S. Japanned or Fancy, in sets of 3, 4, 5 & 6
Paste Boards. Nos. 1, 2, 3, 4, 5.

Chopping Boards. Nos. 0, 1, 2.

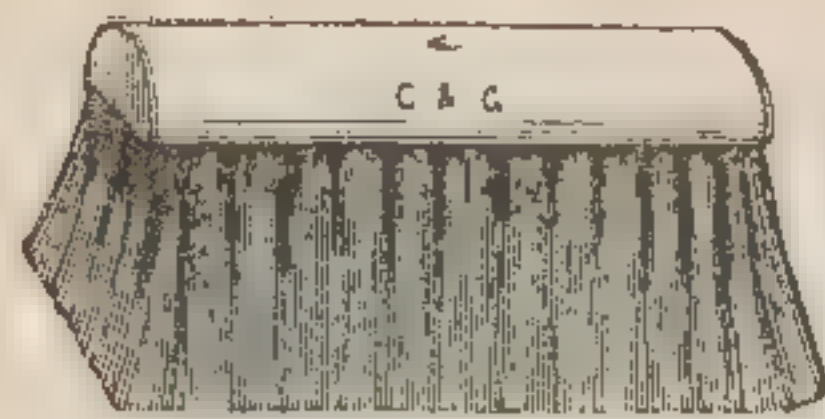
Skirt Boards. Nos. 1, 2, 3.

Shirt Boards.

Bent and Straight Sleeve Boards.



Brushware.



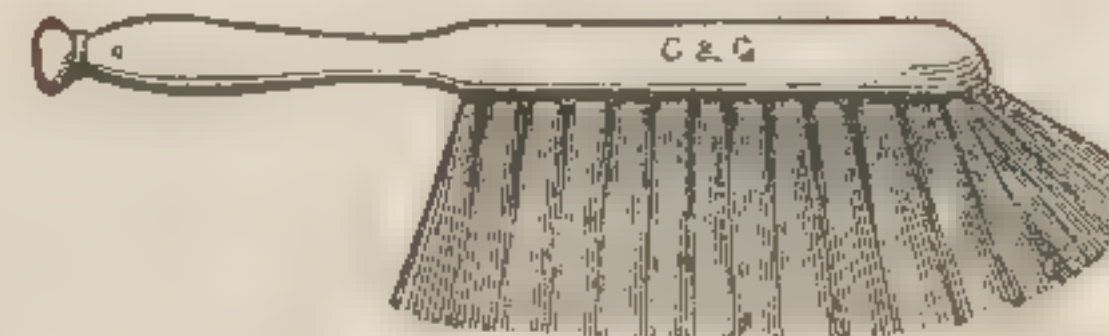
BASS BROOM.

Plain or Cane Faced.
Pure Bass. Nos. 3, 4, 5, 6, 7, 8, 9, 10.
Patent Bass. Nos. 3, 4, 5, 6, 7, 8.
Scavenger's Brooms. 13, 14, 15, 16 in.



HAIR BROOM.

Mixed. Nos. 4, 6, 8, 10, 12, 14, 16, 18.
All Hair. Nos. 4, 6, 8, 10, 12, 14, 16, 18.
Extra Quality. Nos. 13, 15, 17, 19.



BANNISTER BRUSH.

Single in Fibre, Mixed Hair and Millet.
Double in Hair, Hair and Millet. All Sizes.

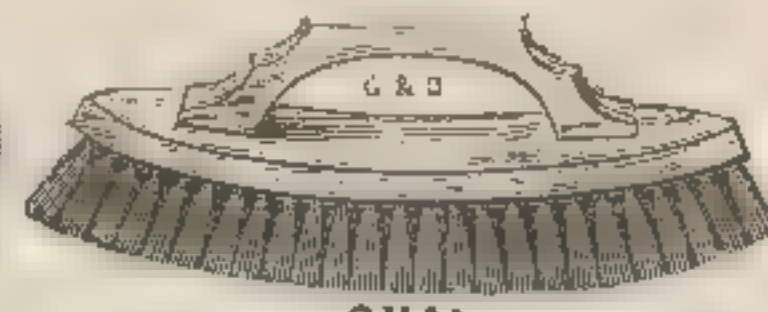


MILLET BROOM.

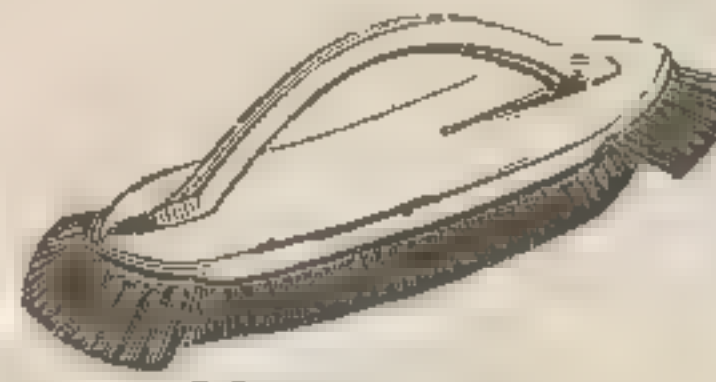
Juvenile. Hurl, Nos. 4, 3
Spiral, Nos. 2, 1.
Extra, Nos. 2, 1.
Star, Nos. 2, 1. Silver Lock.
Gold Lock.



PORCUPINE.



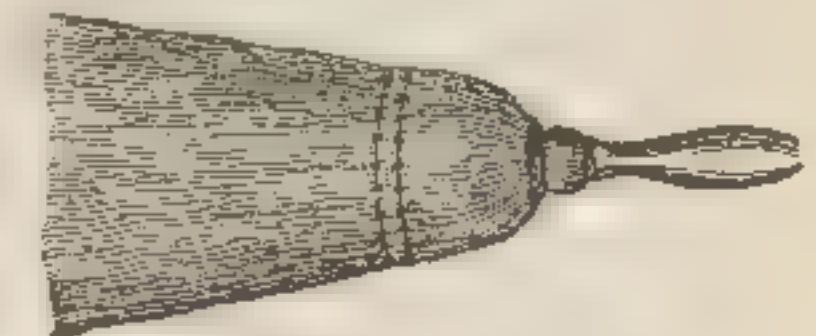
OVAL STOVE BRUSHES.



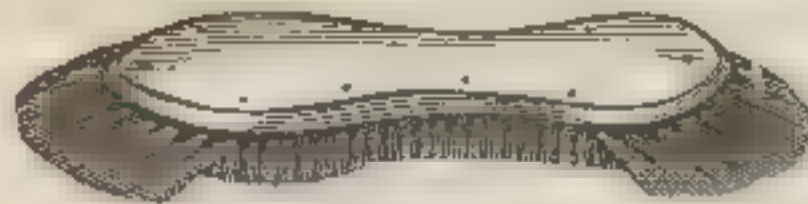
DOUBLE WING.



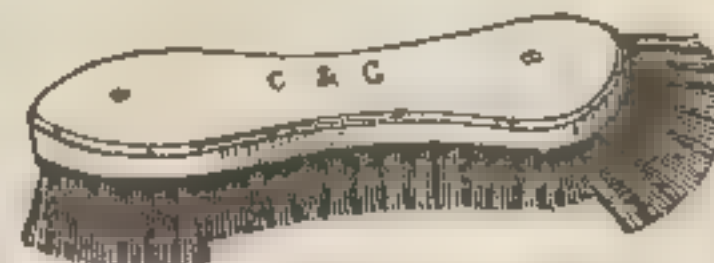
ROUND OILER.



MILLET WHISK.



HAIR SCRUBBING BRUSH.

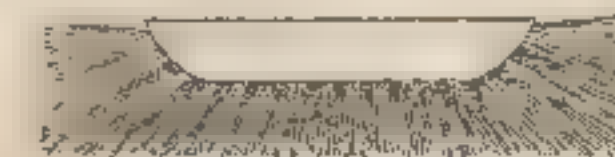


BASS SCRUBBING BRUSH.

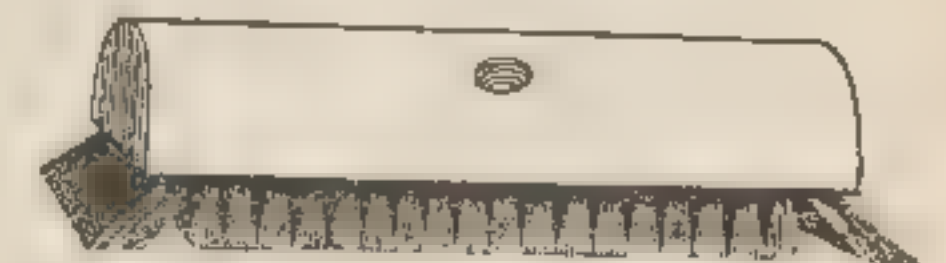
Also, Grey Fibre, Union, Bass, Whalebone, Hair.



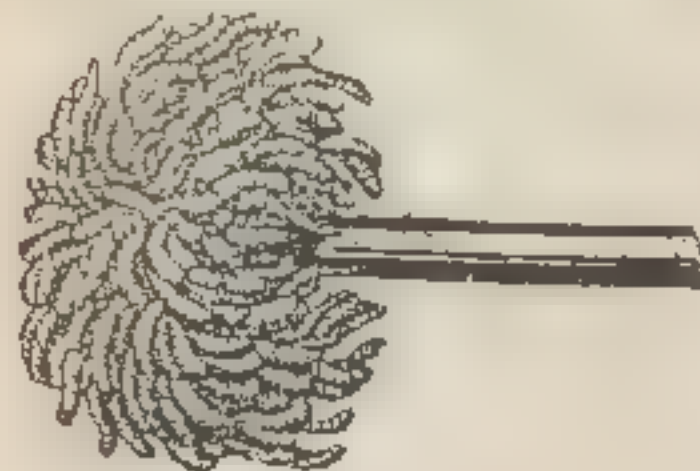
LAUNDRY BRUSH.



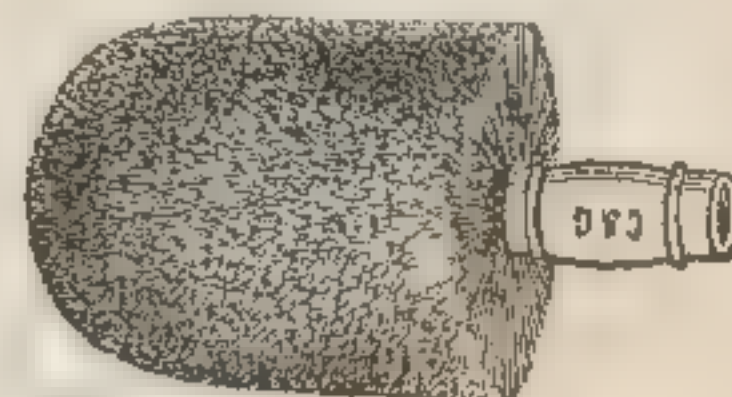
DAIRY BRUSH.
Various Qualities.



DECK SCRUB.



MOP. Colored and White Cotton.
" Thrum, 14, 16 oz.
" White Wool. 14, 16 oz.

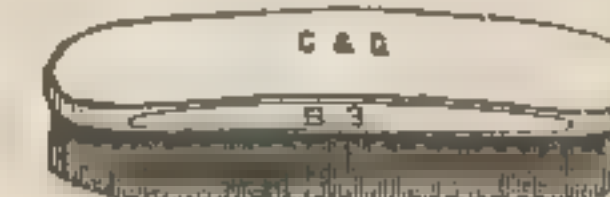


TURK'S HEAD.

Also, All Hair, with Bamboo Handles.



DAUBER, with Tinned Handle.



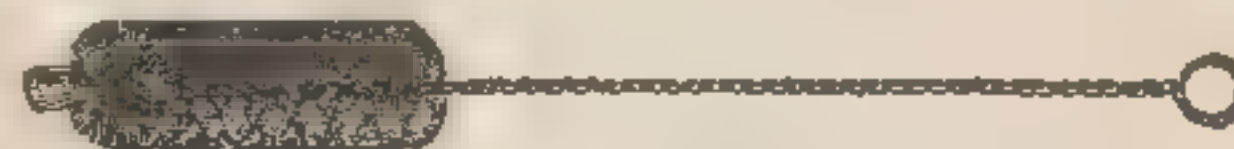
SHOE BRUSH.
All Qualities.



TURKEY FEATHER DUSTER.
Also Chinese Dusters.
All sizes, No 10 to 20.



JUG MOP.



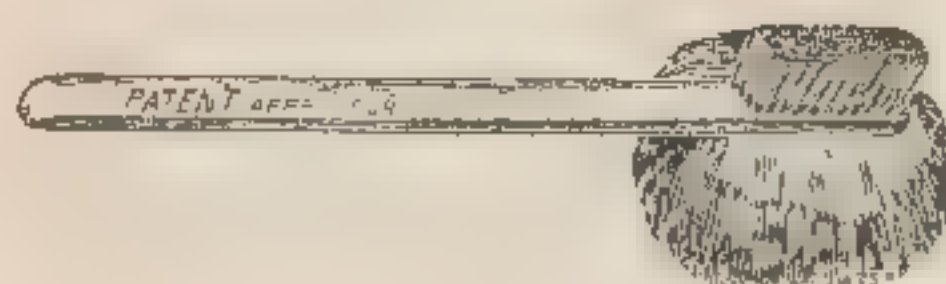
FLUE BRUSH. 2 1/2 to 5 feet.



CHIMNEY SWEEP MACHINE. 30, 60 ft.



WIRE POT BRUSH.



THE DOMESTIC DISH WASHER.



SWEEP'S BRUSH.



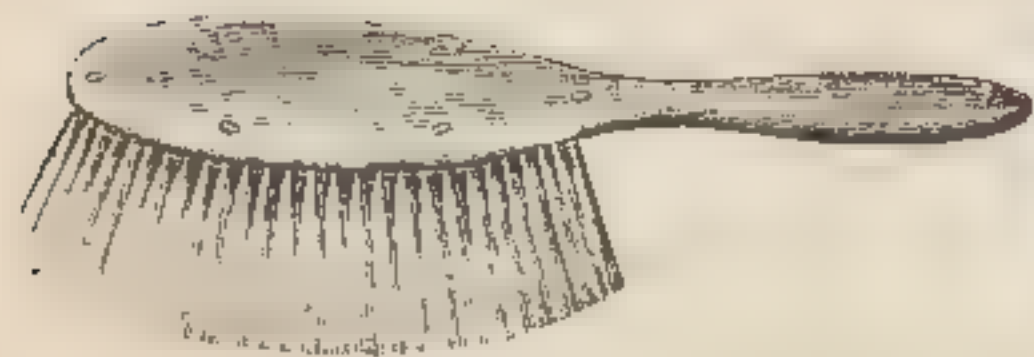
KETTLE BRUSH. All Sizes.



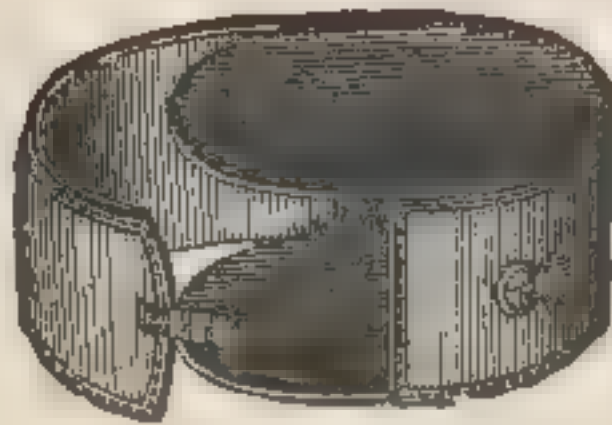
BASS SAUCEPAN BRUSH.

BRUSHWARE IN ALL QUALITIES.

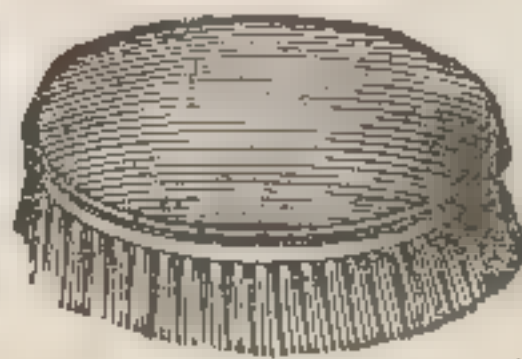
Brushware, Etc.



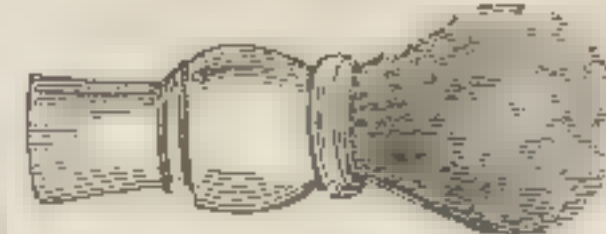
HAIR BRUSH.



MILITARY HAIR BRUSH CASE.



MILITARY HAIR BRUSH.



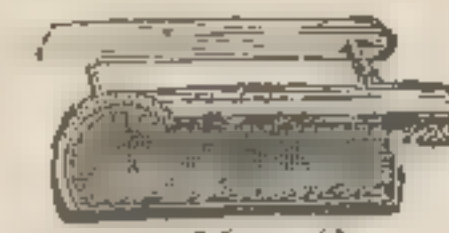
SHAVING BRUSH.
Hog and Badger Hair
and cheaper lines.



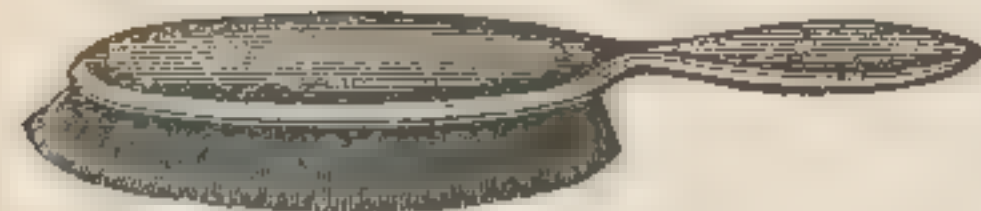
TOOTH BRUSH.
Various qualities.



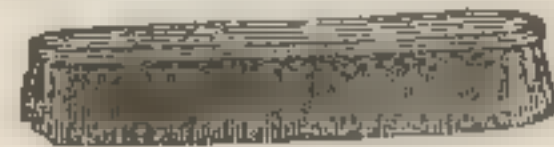
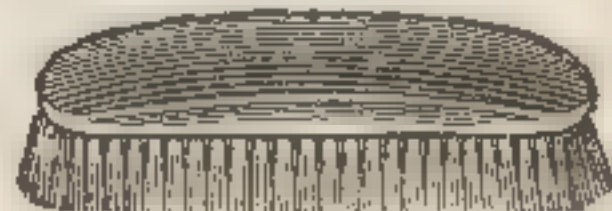
No. 1.



No. 2.



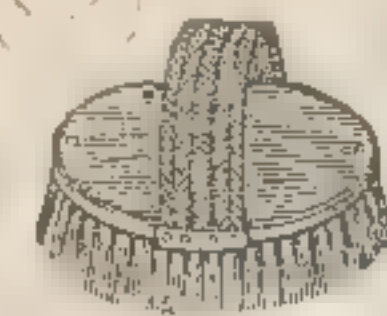
CLOTHES BRUSHES.



HAT BRUSH.



HANDLED FLESH BRUSH.



WEBBED
FLESH BRUSH.



No. 3.
NAIL BRUSHES.



CRUMB BRUSH.



FURNITURE BRUSH.



PASTE BRUSH.

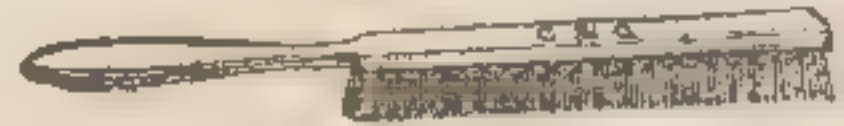
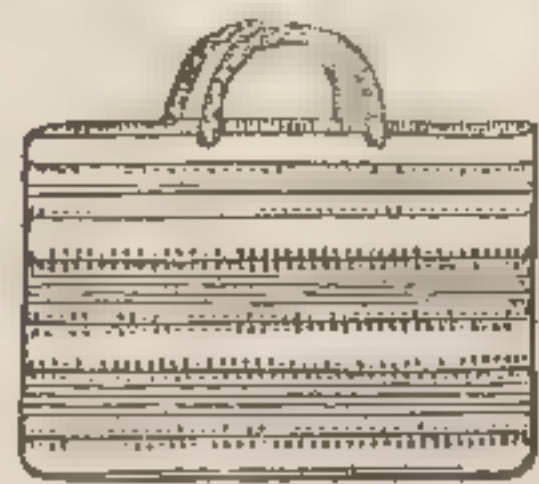


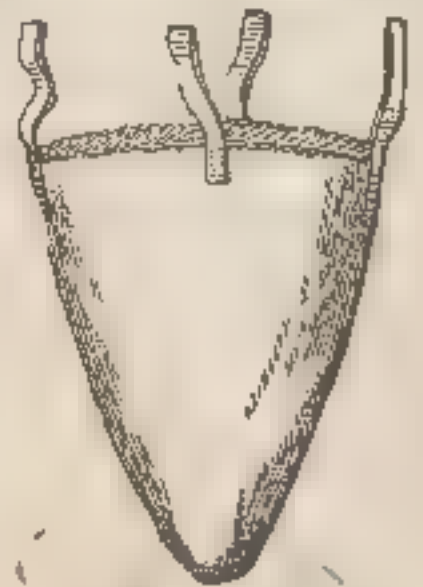
PLATE BRUSH. 2, 3, 4, 5.
Ditto, Bent.



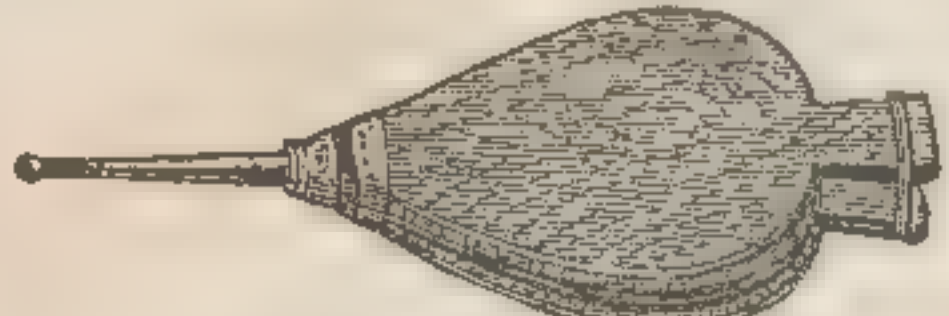
RACK COMB.
Horn, Zylonite, &c.
Small Tooth Ditto.



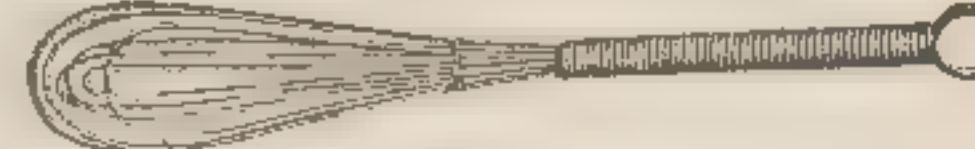
MANILLA
BAG.
Nos. 1, 2, 3, 4, 5.



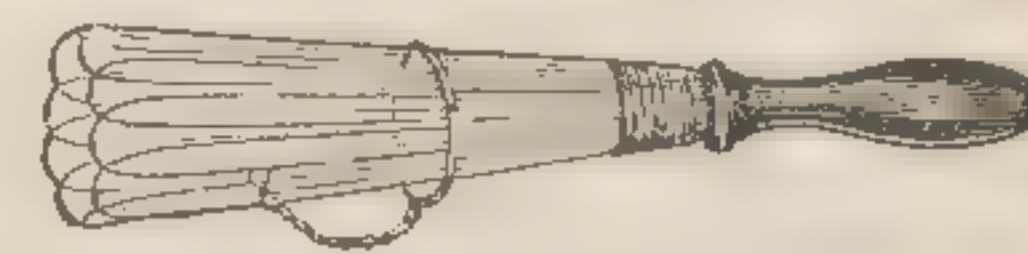
JELLY BAG.
Nos. 5, 6, 7, 8.



HOUSE BELLOWS.
22/6, 25/3, 29/-, 34/-, 39/-, 45/6,
7, 8 9 10 11 12
70/3, 105/6, 146/-, 203 6 List
14 16 18 20 inch.
Also Special Double Blast,
14, 16, 18 inch.



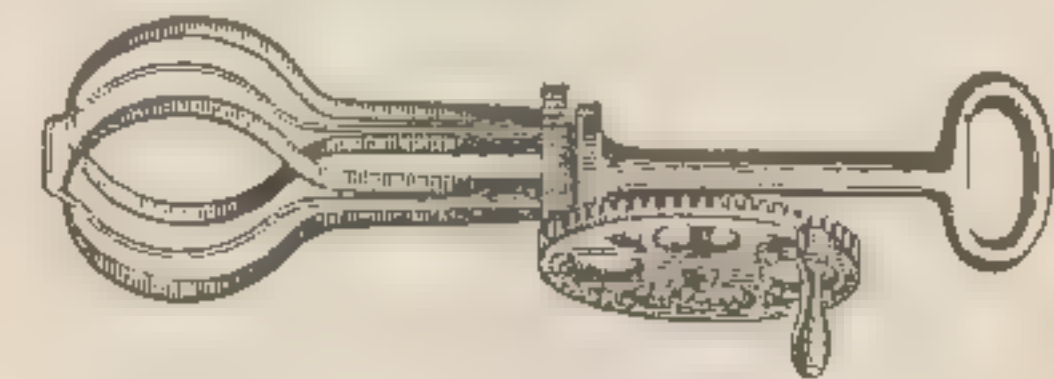
EGG BEATERS.
FRENCH PATTERN, Wire Handle, all sizes.



FRENCH PATTERN, Wood Handle, all sizes



SPIRAL, with Wood or Wire Handles.
All Sizes.



THE DOYER.

HOUSEHOLD AMMONIA, BAROMETERS
BUTTER BOATS, 1/2, 1, 2 lbs.
PAPER BAGS, All Sizes.



RUBBER HOT WATER BAGS.
Plain and Covered.

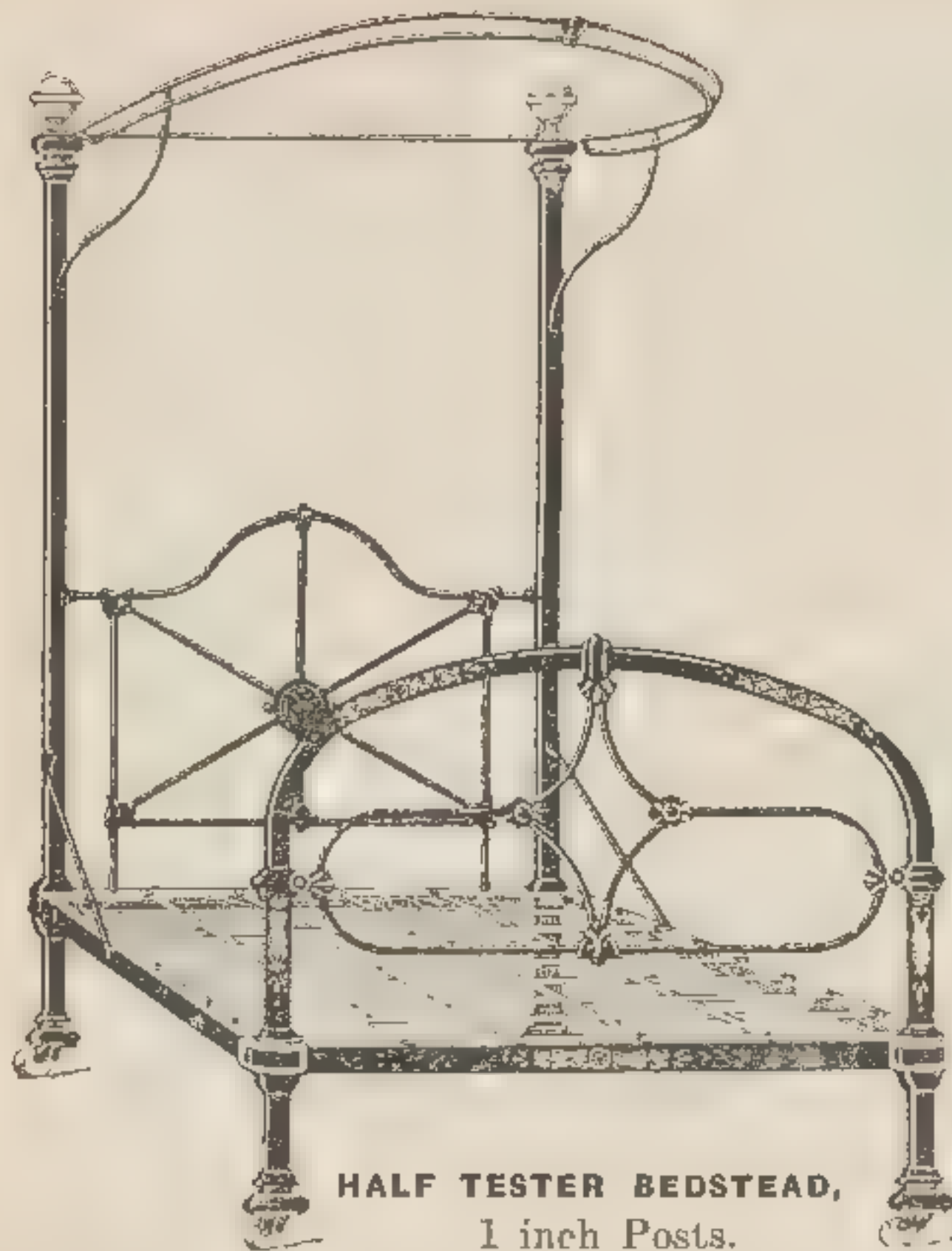


IMPROVED SULPHUR BELLOWS.
Stores the sulphur and regulates distribution.



SULPHUR BELLOWS, 8 inch, 57/6, 9 inch, 72/-,
10 inch, 86/6 List.

Bedsteads, Etc.



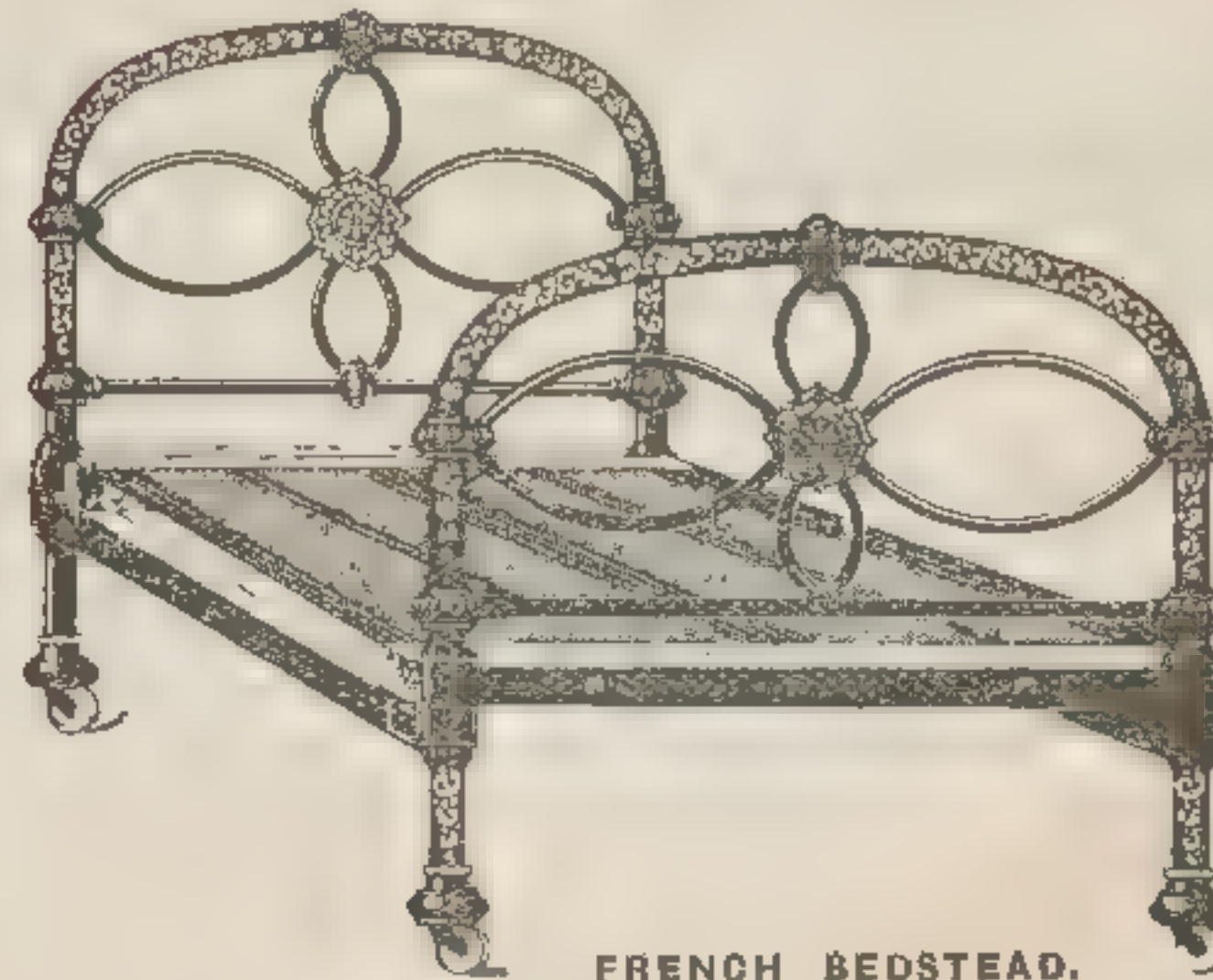
HALF TESTER BEDSTEAD,
1 inch Posts.

1 inch Posts Bow End, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, $4\frac{1}{2}$, x $6\frac{1}{2}$ feet.

1 " " Knob End, " " " " " "

1 " " with Brass Rail Head and Foot, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, $4\frac{1}{2}$, x $6\frac{1}{2}$ feet.

$1\frac{1}{4}$ " " do. do. 3, $3\frac{1}{2}$, $4\frac{1}{2}$ x $6\frac{1}{2}$ feet.



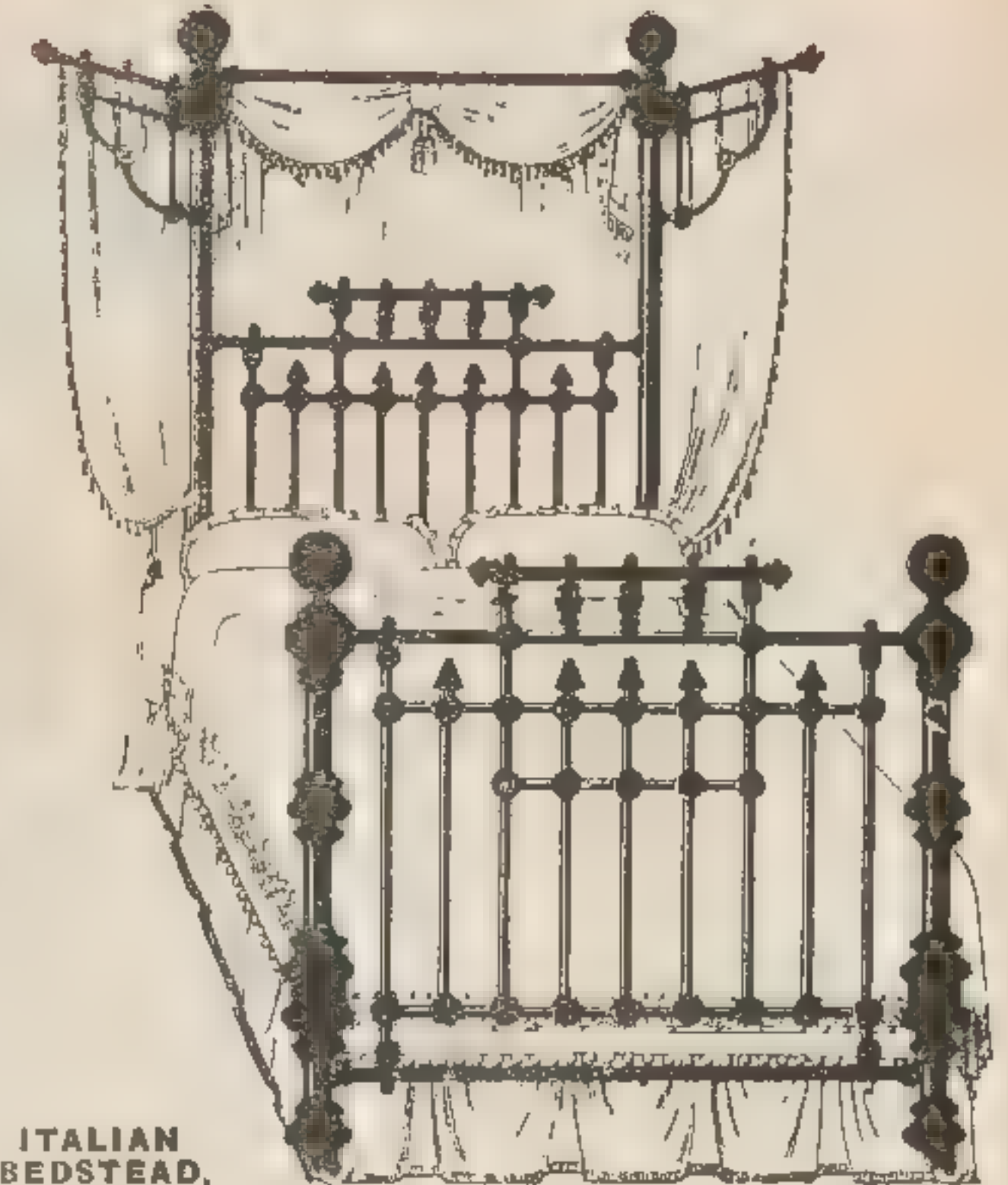
FRENCH BEDSTEAD.

$\frac{3}{4}$ and 1 inch Posts. Bow or Knob Ends, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, $4\frac{1}{2}$ x $6\frac{1}{2}$ ft.

Stump Bedsteads, all sizes.

Four Post Bedsteads, all sizes.

Cots, Half Tester, 4 x 2 , $4\frac{1}{2}$ x $2\frac{1}{2}$, 5 x 3 ft.



ITALIAN BEDSTEAD.

Wire Mattresses.

To fit all Bedsteads and Cots.

Double Woven Treble Woven,

Nos 3, 2, 1, Four Ply Woven.

Any of the above can be supplied

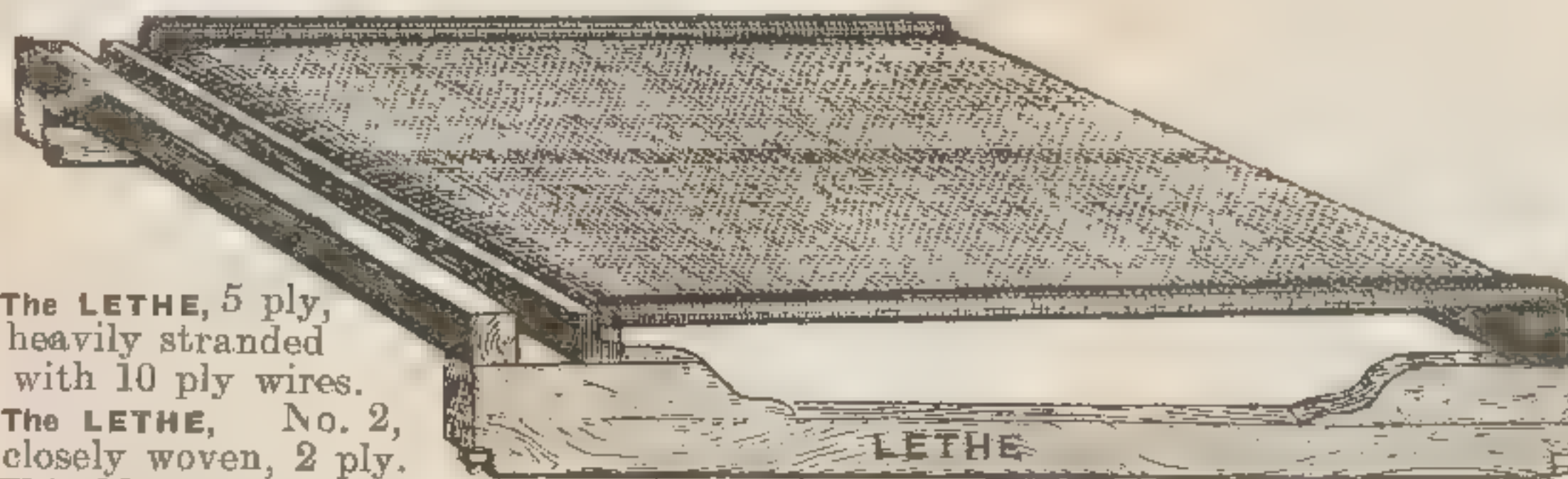
with Raised Ends.

$1\frac{1}{2}$ in Parallel Posts, Brass Rails & Ornaments, 3, $3\frac{1}{2}$, $4\frac{1}{2}$, 5 x $6\frac{1}{2}$ ft.

$1\frac{1}{2}$ " " " Nickel " " 3, $3\frac{1}{2}$, $4\frac{1}{2}$, 5 x $6\frac{1}{2}$ ft.

2 " Taper " Brass " " $4\frac{1}{2}$, 5 x $6\frac{1}{2}$ ft.

2 " " " Nickel " " $4\frac{1}{2}$, 5 x $6\frac{1}{2}$ ft.



The **LETHE**, 5 ply,
heavily stranded
with 10 ply wires.

The **LETHE**, No. 2,
closely woven, 2 ply.

This Mattress has no
equal at price.



WIRE STRETCHER.

Double and Treble and Four Ply Wire.

$2\frac{1}{2}$, 3, $3\frac{1}{2}$ x $6\frac{1}{2}$ ft.

Bedding.

To fit all Bedsteads and Cots.

PALLIASSES—Hessian and White Forfar Ticks, 4, 5 inch.

MATTRESSES—HAIR, Linen Ticks, Nos. 1, 2, 3, 4.

KAPOK, Cotton, Belgian and Linen Ticks.

FLOCK OR FIBRE, Cotton, Union and Belgian Ticks.

BOLSTERS—Kapok or Flock.

PILLOWS " " "

And Best French Squares; Kapok or Feathers.

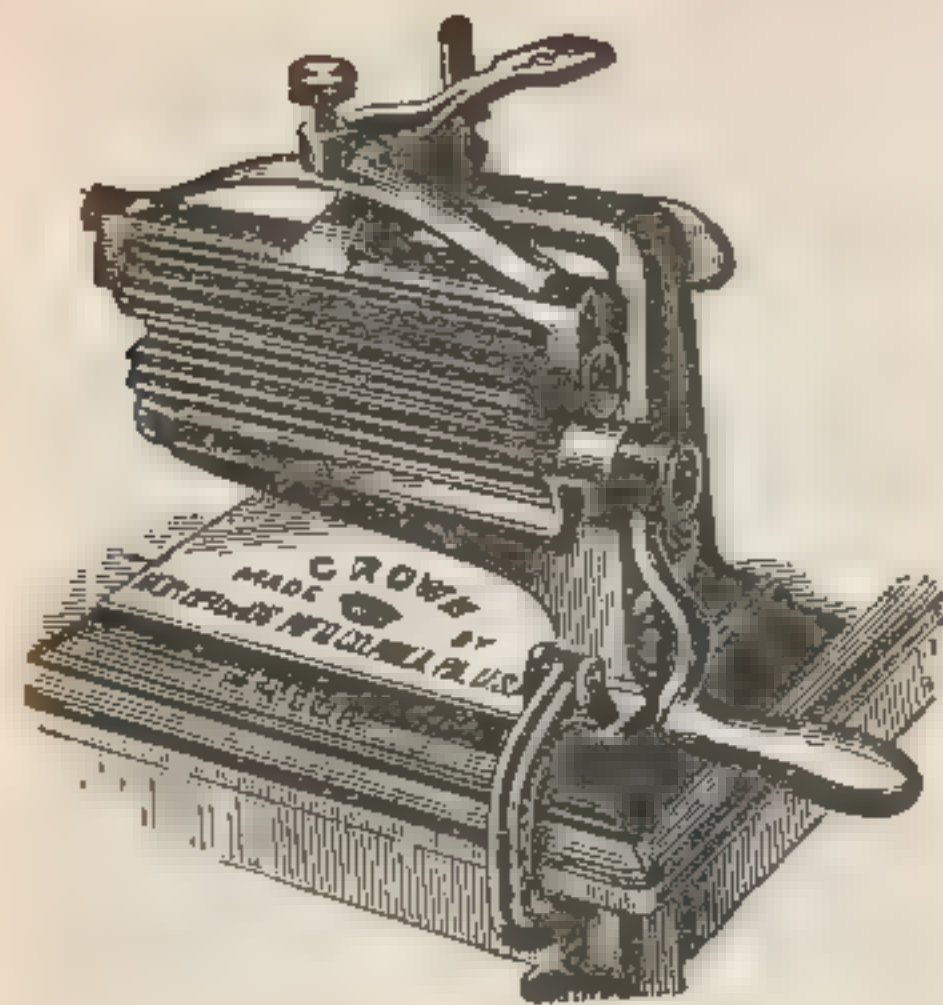
KAPOK, FIBRE, AND HAIR FOR BEDDING

CANVAS STRETCHERS AND

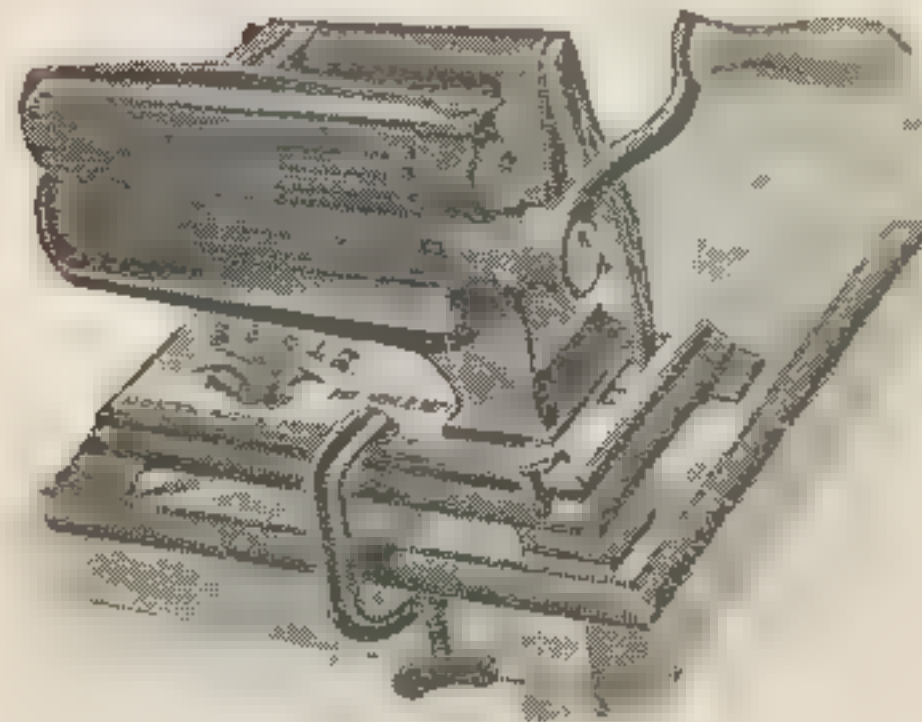
HAMMOCKS,

see Page 257

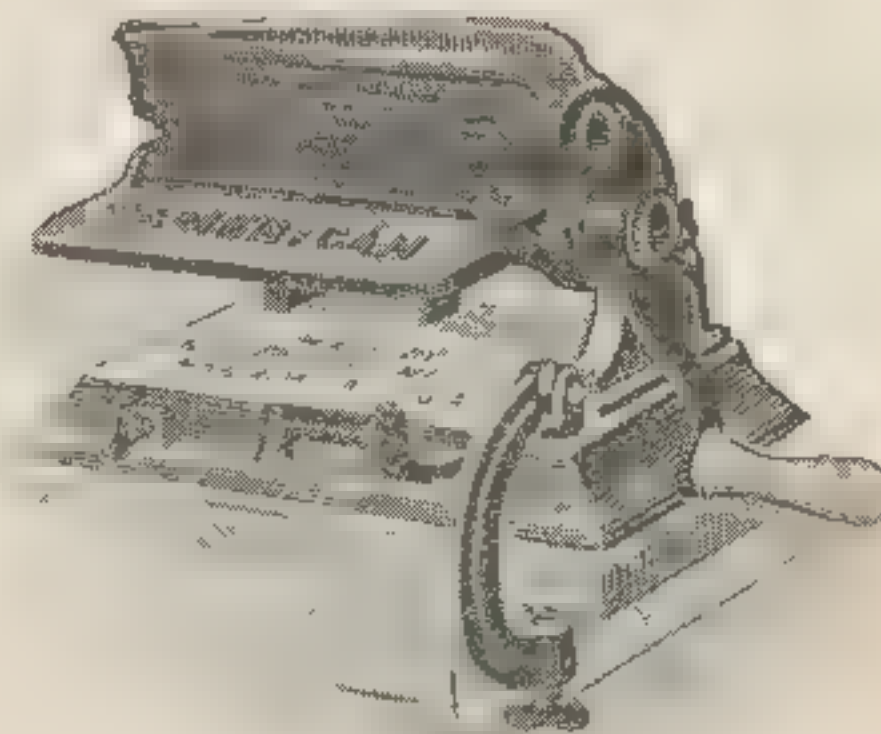
Goffering Machines, Etc.



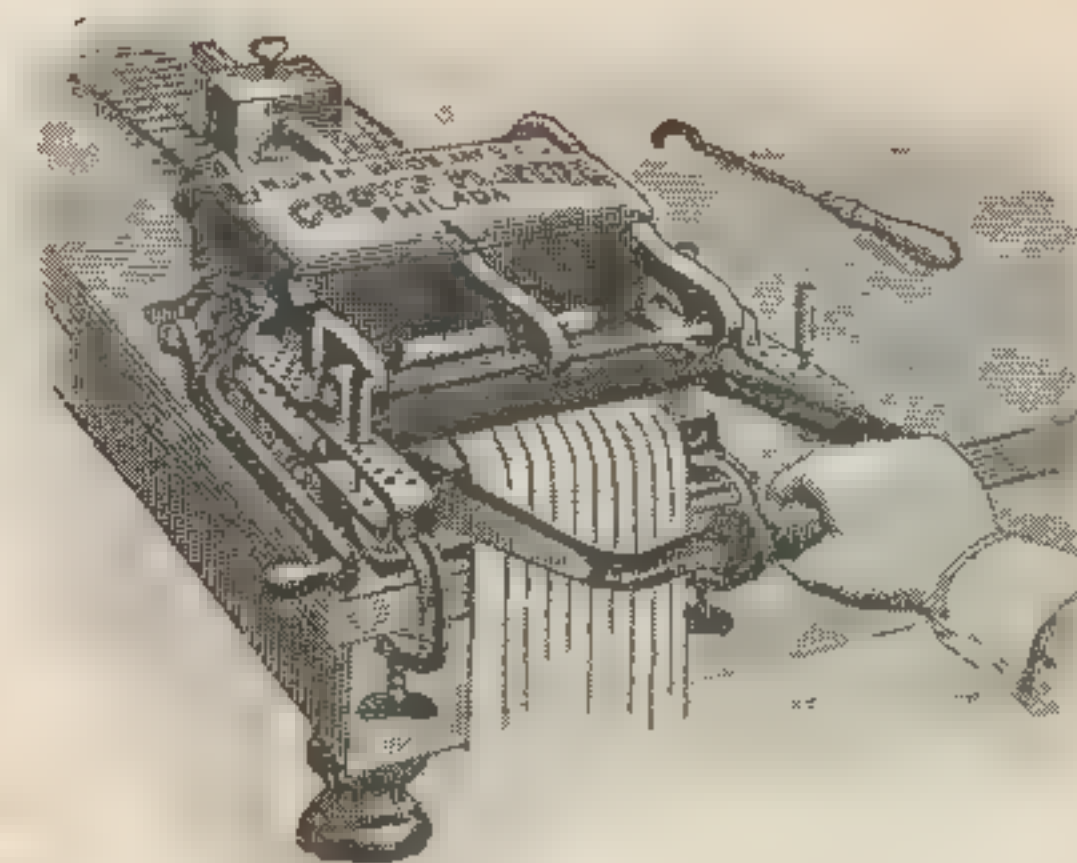
GOFFERING MACHINE. 6in.
"CROWN."



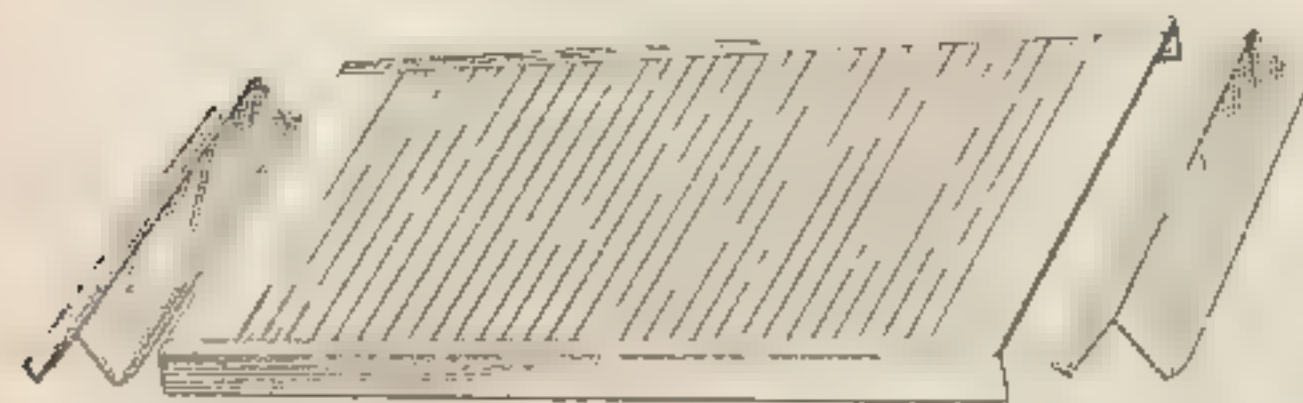
GOFFERING MACHINE. 5½ in.
"EAGLE."



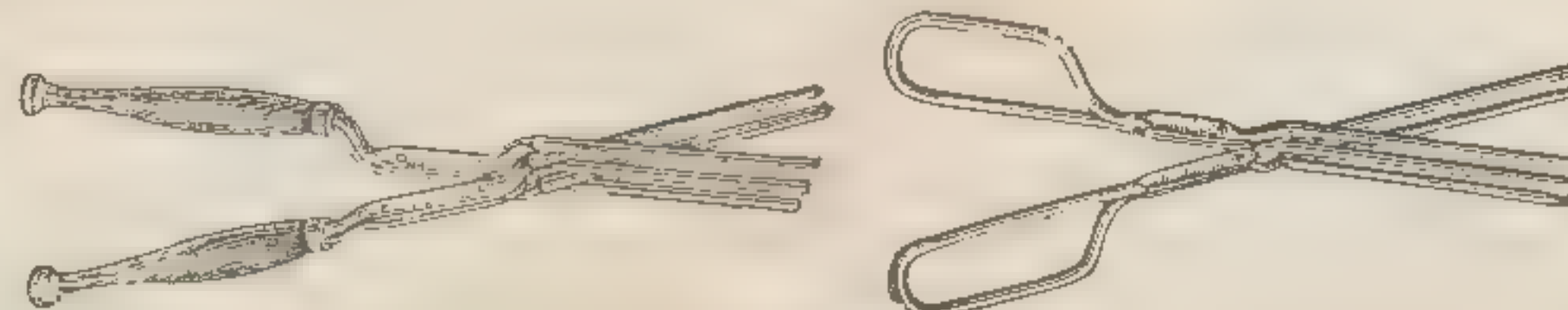
GOFFERING MACHINE. 6in.
"AMERICAN."



PLEATING MACHINE.



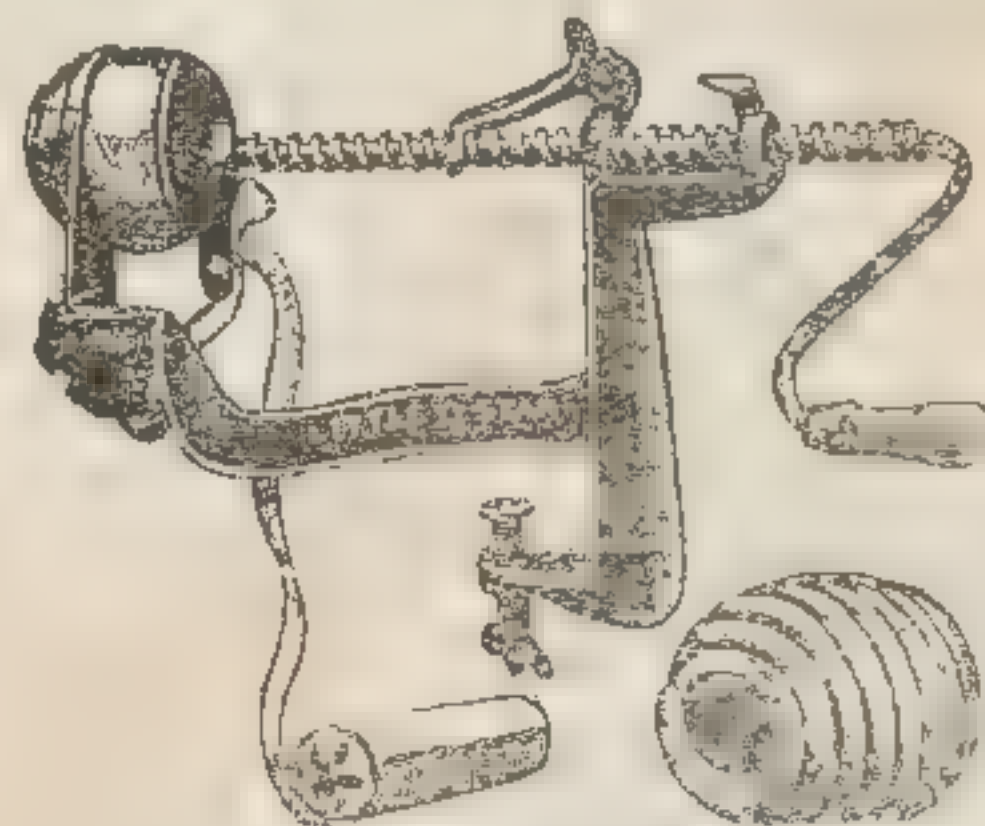
TIN ACCORDEON PLEATER.
6 to 18 inches wide.



GOFFERING IRONS. Bent and Straight. All sizes and qualities.



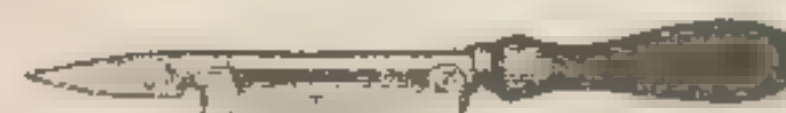
ALEXANDER ROTARY BREAD
CUTTER.



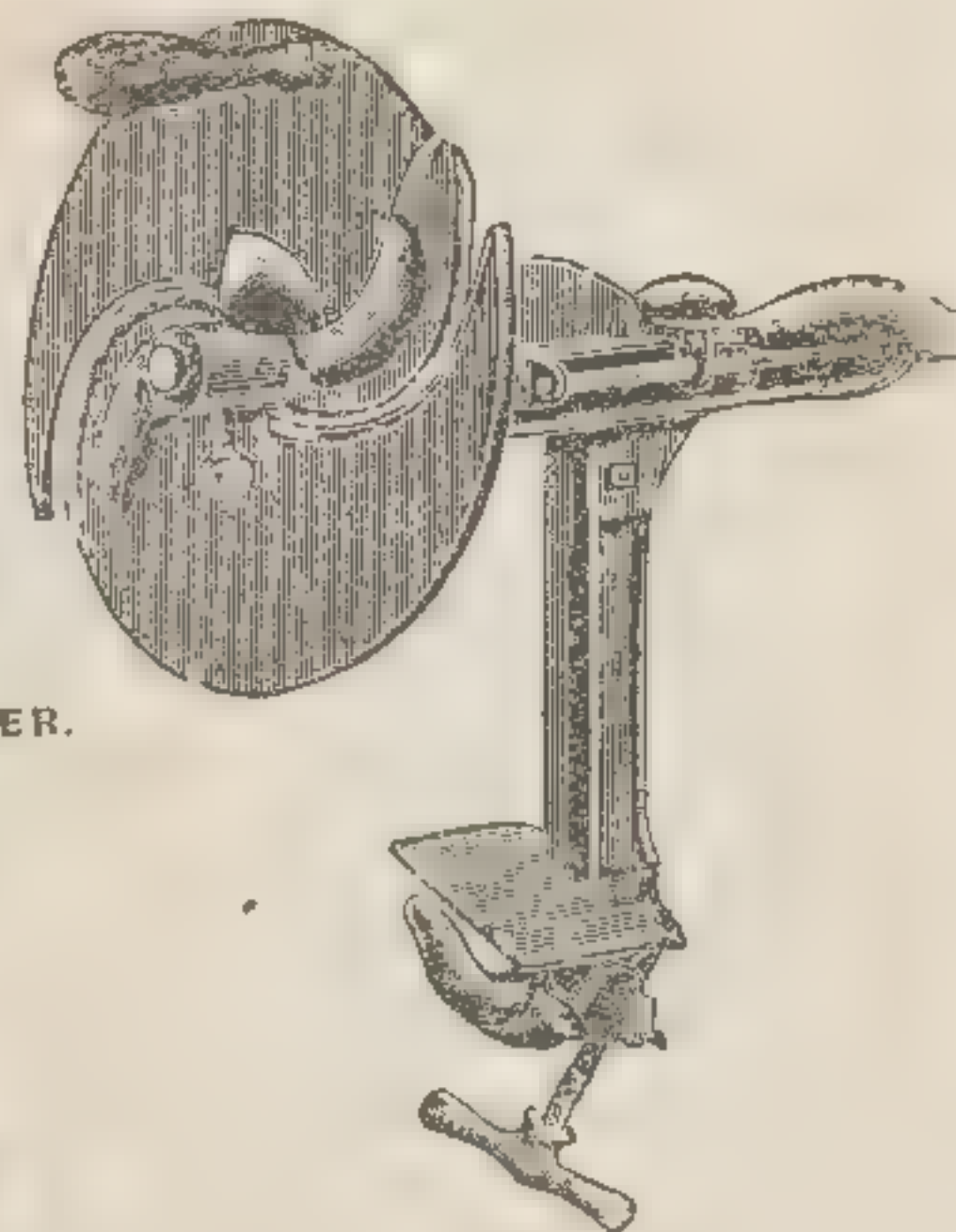
LITTLE STAR APPLE PARER AND CORER.



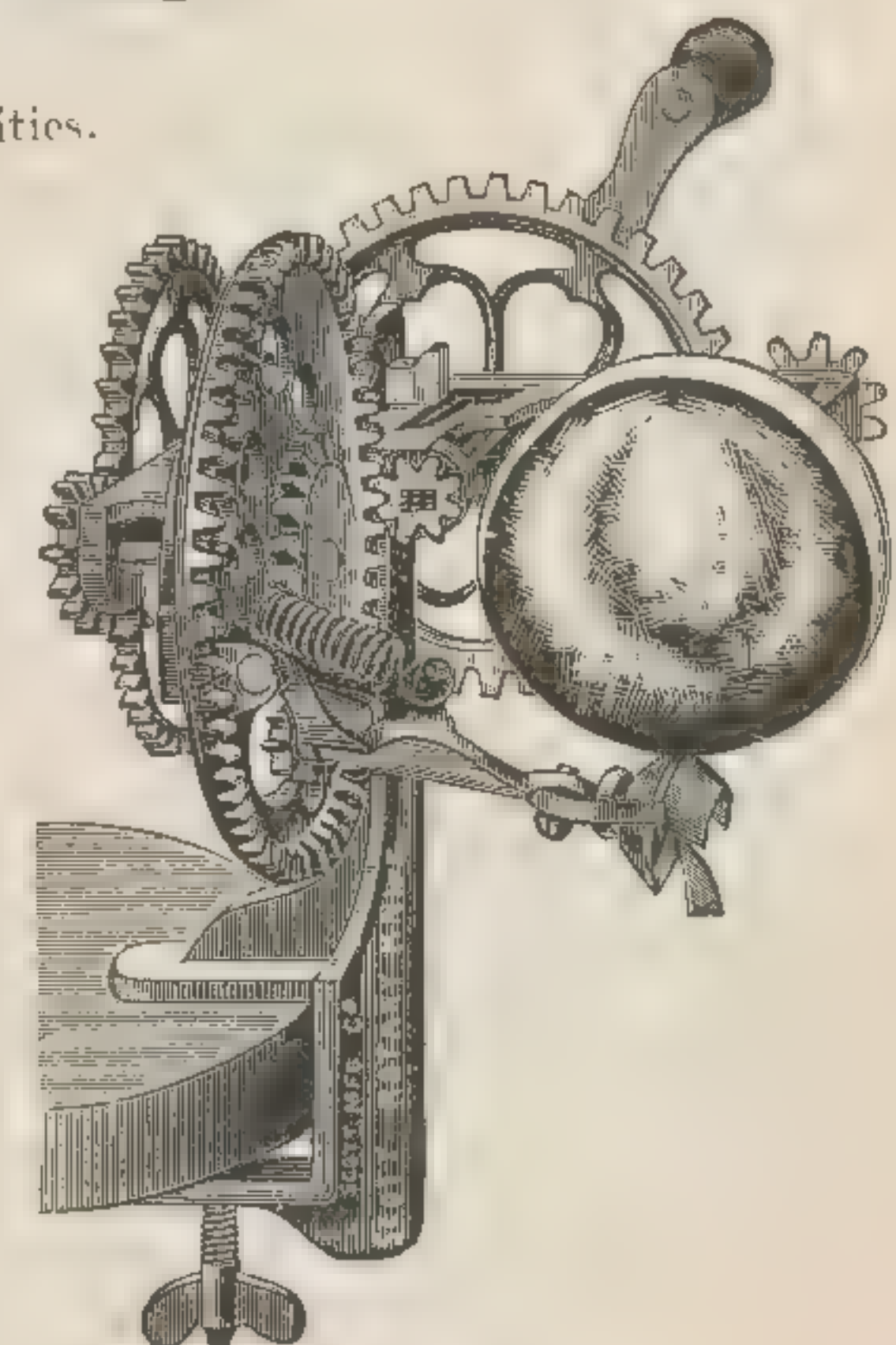
APPLE CORER.



POTATO PARER.

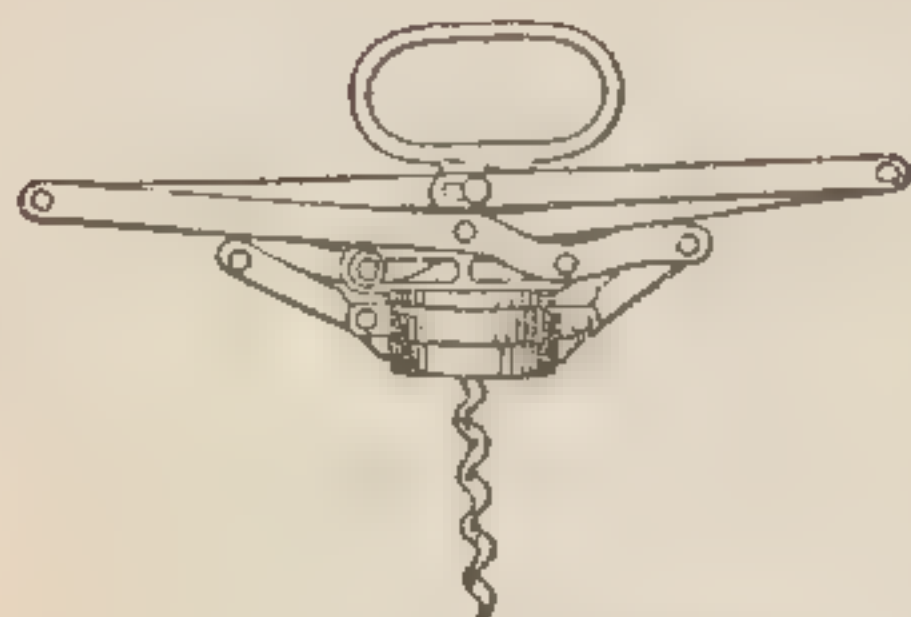


THE STERLING VEGETABLE SLICER.



APPLE AND PEACH PARER

Corkscrews, Etc.



ARMSTRONG'S "IRRESISTIBLE"
CORKSCREW.



ADELAIDE CORKSCREW.
Johnston's, Ibbotson's and
others. Round and Flat
Worms.

LEVER CORKSCREWS.



No. 1.



No. 2.

POCKET CORKSCREWS.



STEAK BEATER.



No. 1.

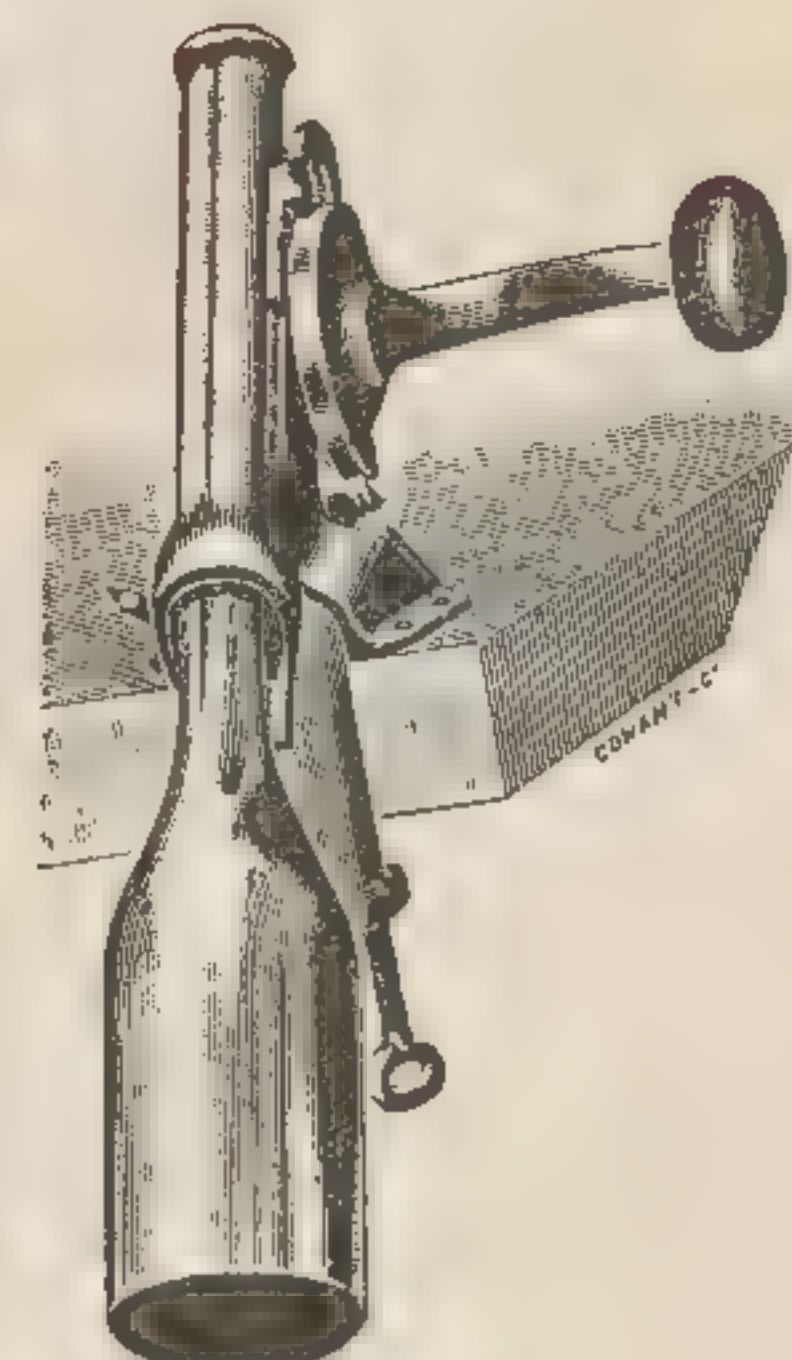


No. 2.



No. 3.

POWER SELF EXTRACTING CORKSCREWS.

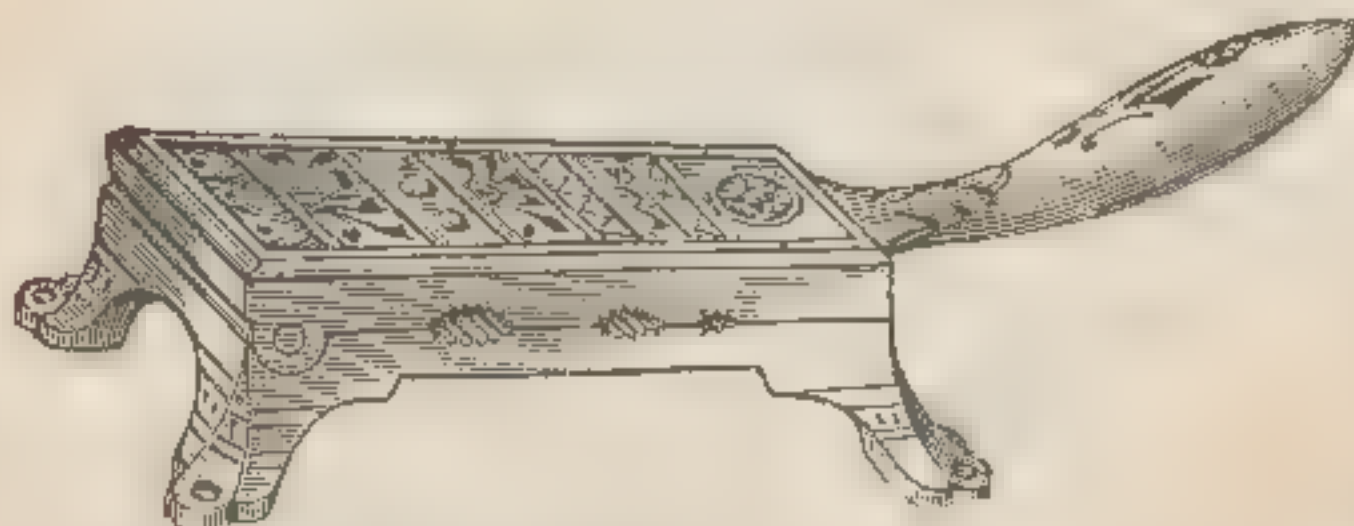


THE QUICK AND EASY CORK
DRAWER.
To Screw. To Clamp.
Also, THE RAPID.
Extra Worms for above.



KNIFE BOARDS.

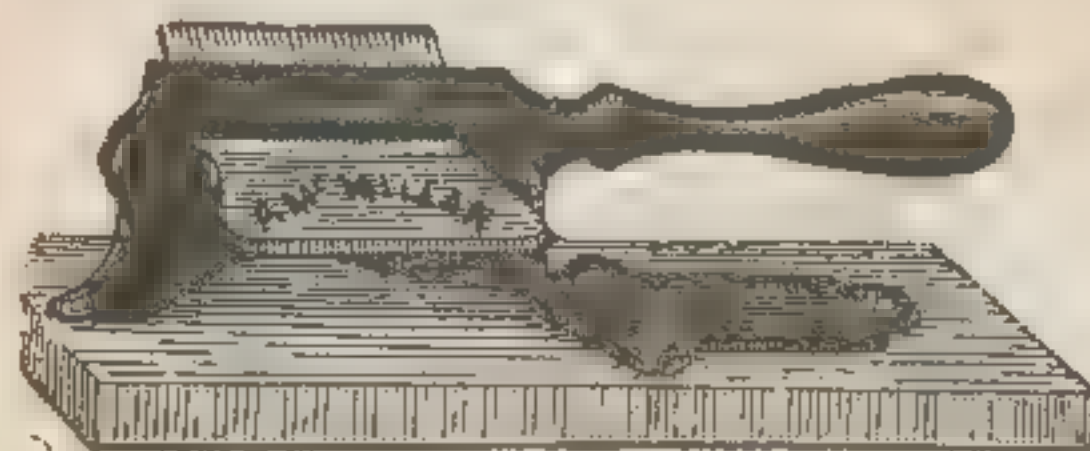
Oakey's, Excelsior and Kamptulicon. 18, 21 x 4½.
18, 21, 24, 27, 30 x 6 inch.



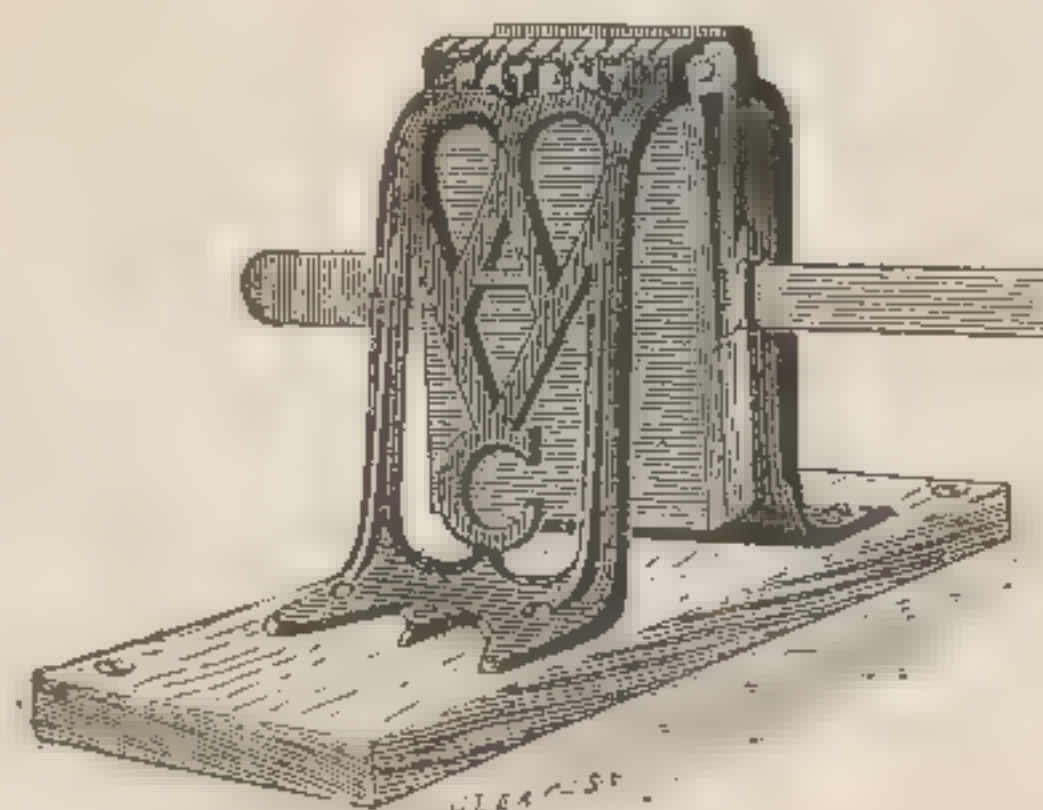
CORK PRESSER.



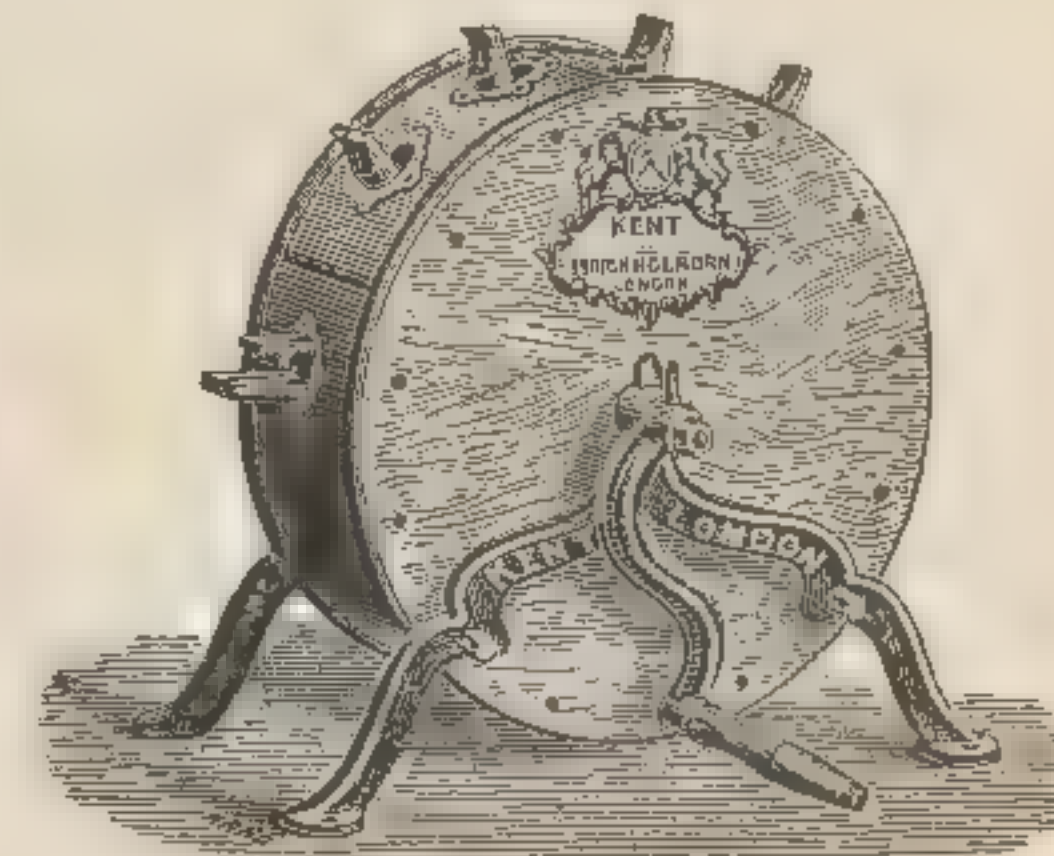
CHAIN POT CLEANER.
With Scraper.



McMILLAN'S TOBACCO CUTTER.
Nos. 1, 2, 3, 6.



EASY KNIFE CLEANER.



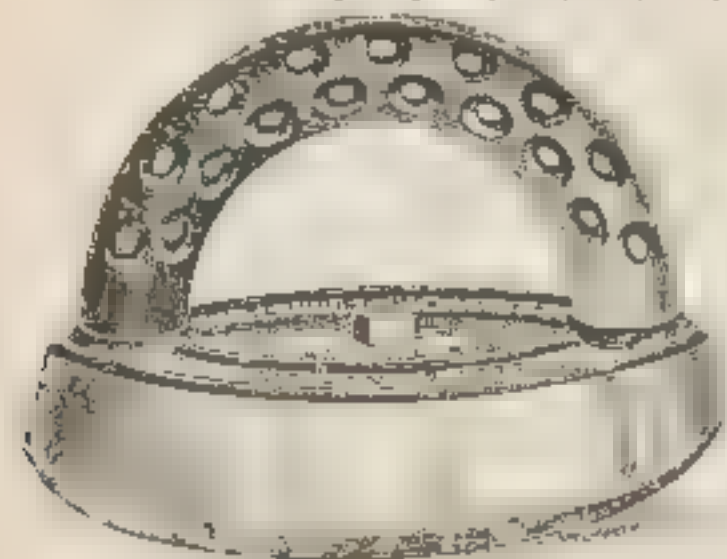
KENT'S KNIFE MACHINE.
2, 3, 4, 5 Knives and Carver.

CREAM, FURNITURE—ADAM'S, and OAKLEY'S. CREAM, LINOLEUM.—Best Brands.
LINES CLOTHES, N.Z. ROPE, 6 to 20 lbs. GALVANIZED TWISTED WIRE, 50, 75, 100 ft.
COPPER-WARE—SAUCEPANS, STEWPANS, PRESERVING PANS, MASLIN KETTLES, COAL VASES, &c.
CLOTHES HORSES, 2 fold, 4½ x 2½. 5½ x 3 ft.; 3 fold, 4½ x 2½, 5½ x 3 ft.

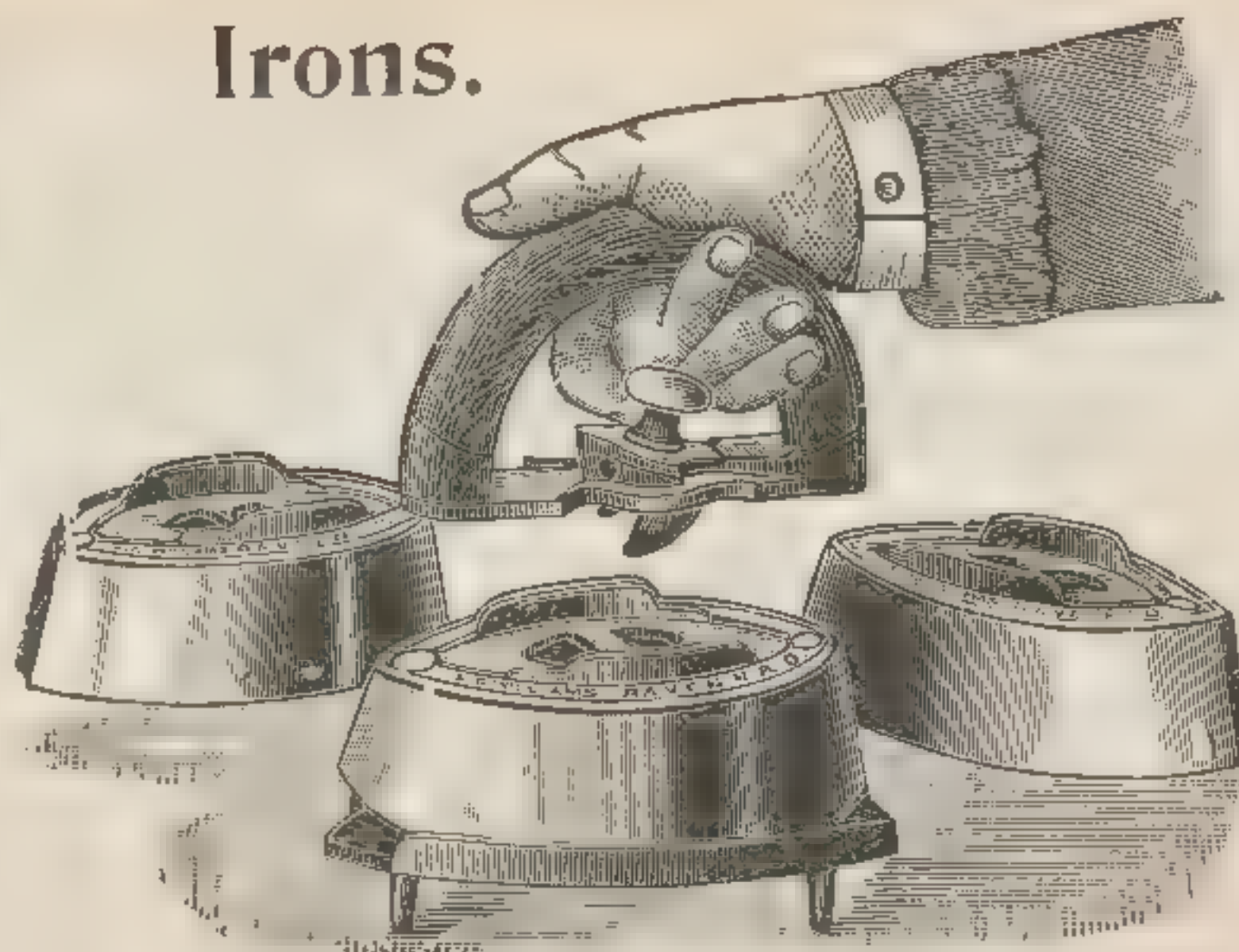
Irons.



SAD IRON.
Nos. 3, 4, 5, 6, 7, 8, 9, 10.



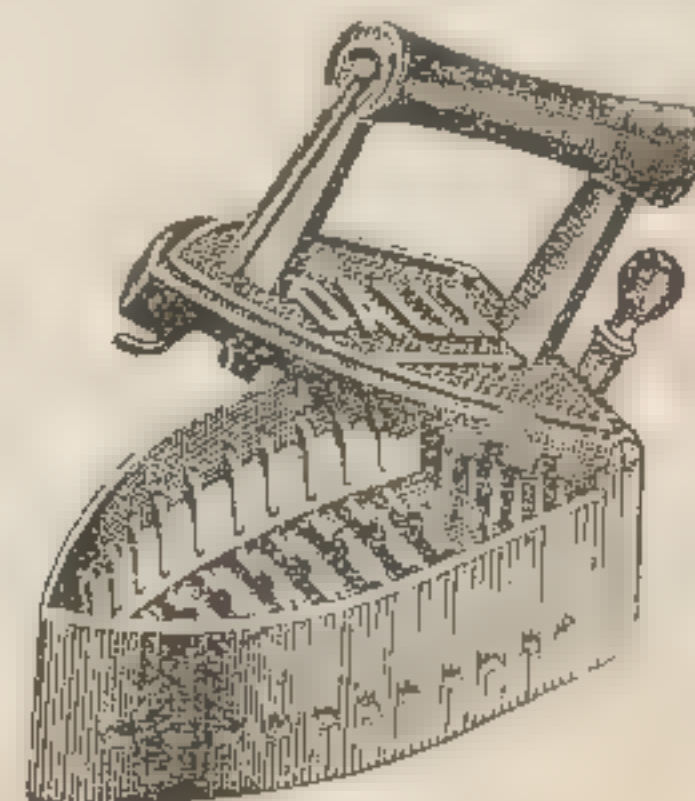
POLISHING IRON.
MRS. POTTS', Nos. 72,
80, 82.
SALTER'S Polished, Nos. 1,
2, 3, 4, 5, 6.
SALTER'S Nickel-plated,
Nos. 1, 2, 3, 4, 5, 6.



MRS. POTTS' IRONS, IN SETS.
Nickel-plated or Polished. Extra Handles for ditto.



BOX IRON AND HEATER.
5½, 6, 6½ inch.



DALLI BOX IRON.
FUEL FOR DO.



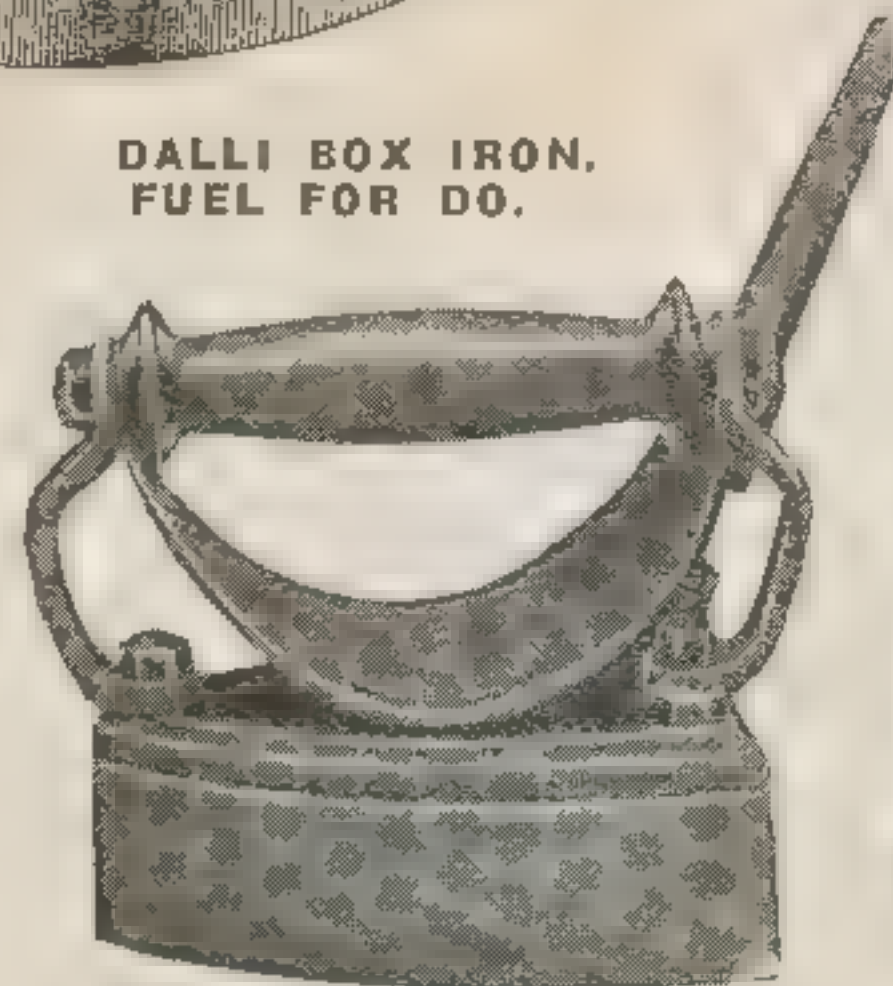
CHARCOAL IRON.
6, 6½, 7, 7½, 8 inch.



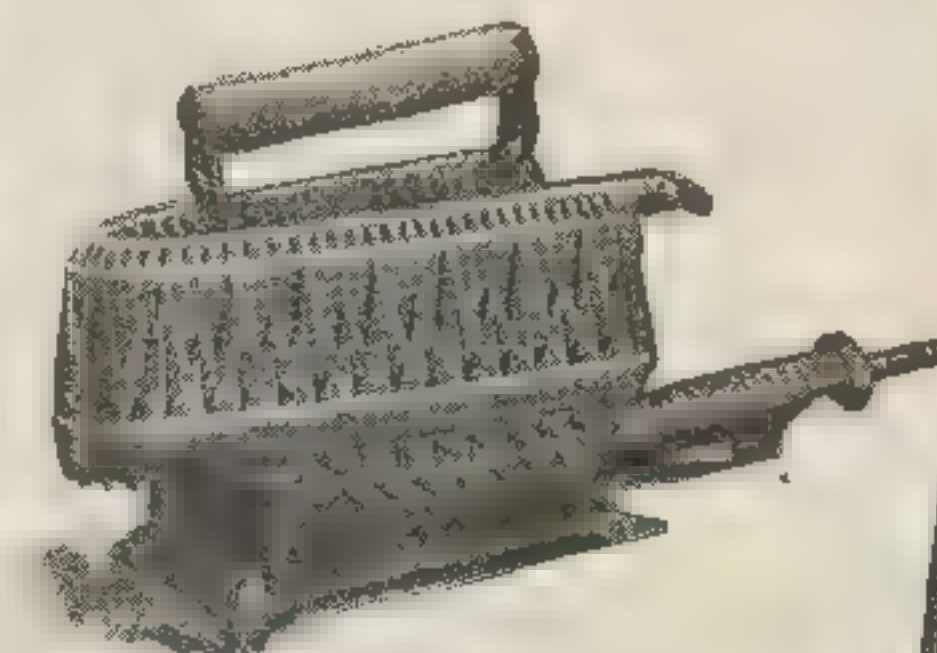
ASBESTOS IRONS IN SETS. Nickel Plated



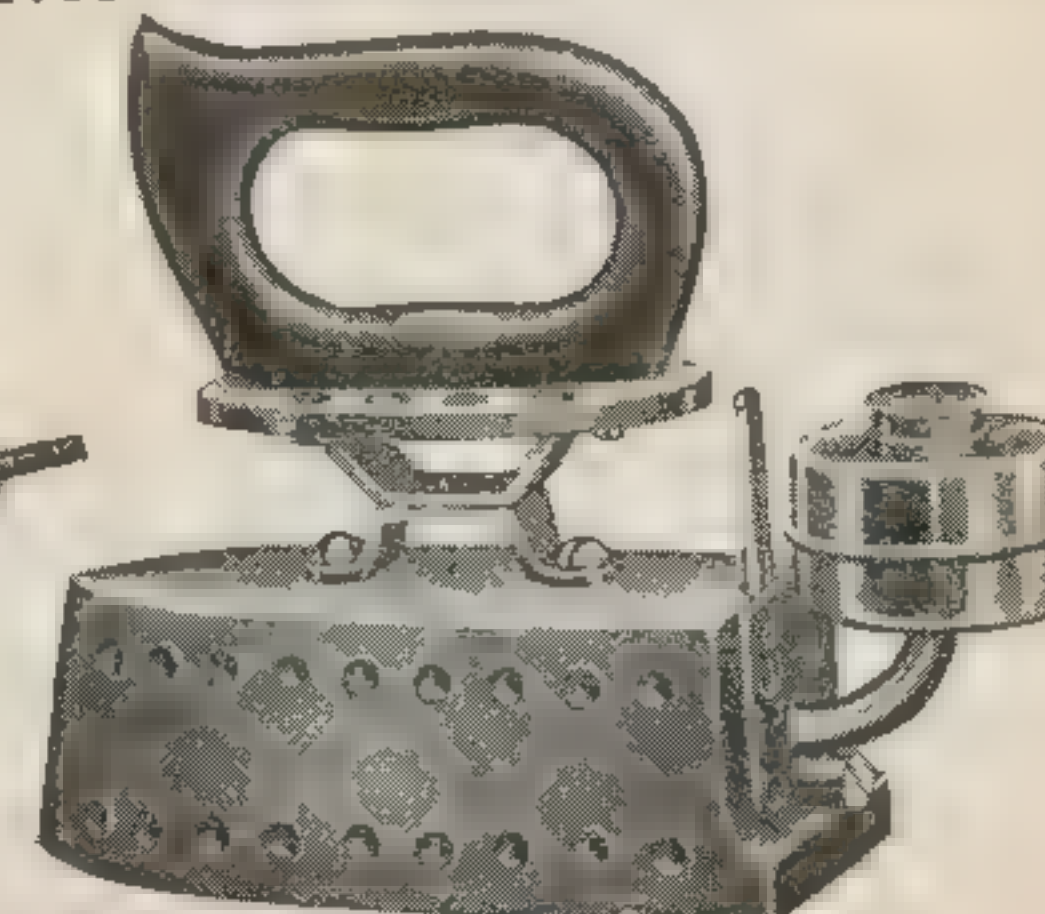
GAS IRON.
TAILORS' GESE, 10, 12, 14, 16, 18, 20 lbs



IMPROVED GAS IRON.



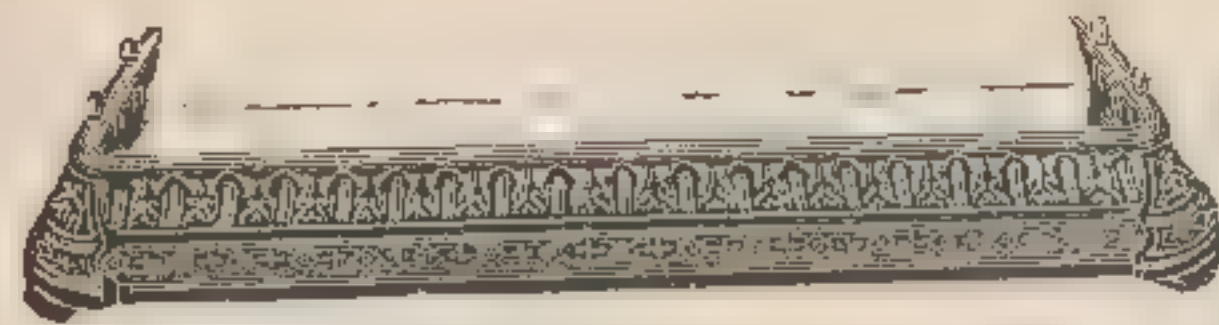
GAS HEATERS FOR SAD IRONS.



SPIRIT IRONS. 3 sizes.

BILLIARD TABLE IRONS. STANDS FOR IRONS.

Fenders.



STEEL BEAD. 42, 45, 48 inch. No. 1.



JAPANNED OR BRONZED, SQUARE OR SCROLL ENDS. No. 2
36 to 48 inch.



JAPANNED, WITH STEEL BARS. 39 to 48 inch. No. 3.



JAPANNED, WITH BRASS BARS. 36 to 48 inch. No. 4.

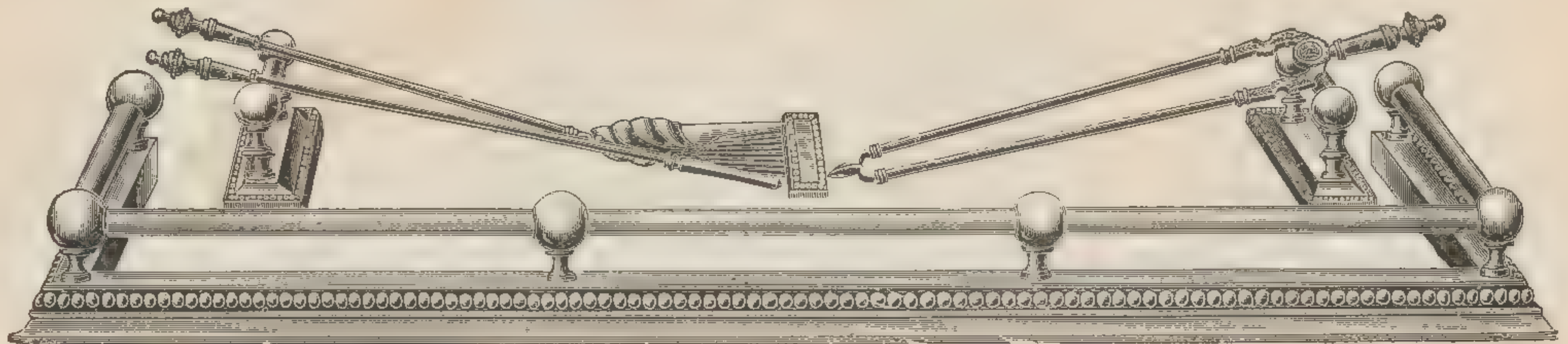


JAPANNED, WITH NICKEL-PLATED BARS. 36 to 48 inch No. 5.

These are only a few illustrations of the Fenders we stock, in Japanned, Bronzed, Japanned with Steel Bead, and Japanned with Steel, Brass, or Nickel-plated Rails.

We have also Brass or All Nickel-plated, in Latest Designs.

A Large Variety of Brass Kerbs and Sets, in all qualities.
(See also page 156.)



BRASS KERB, SHOWING BRASSES, RESTS AND STOP.



No. 6.

Fenders and Fire Irons.



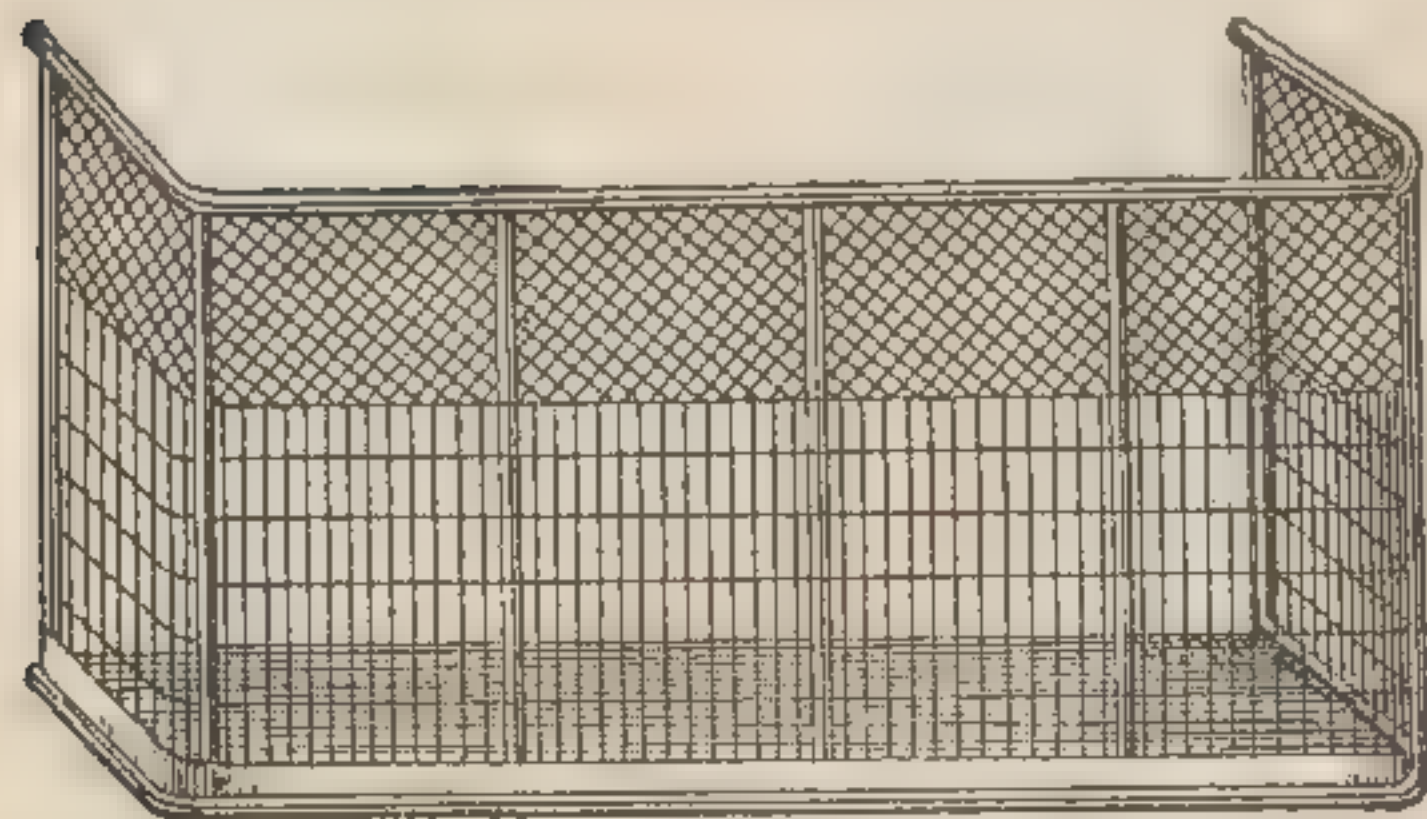
No. 7.



KITCHEN FENDER. 4, 4½, 5 feet.

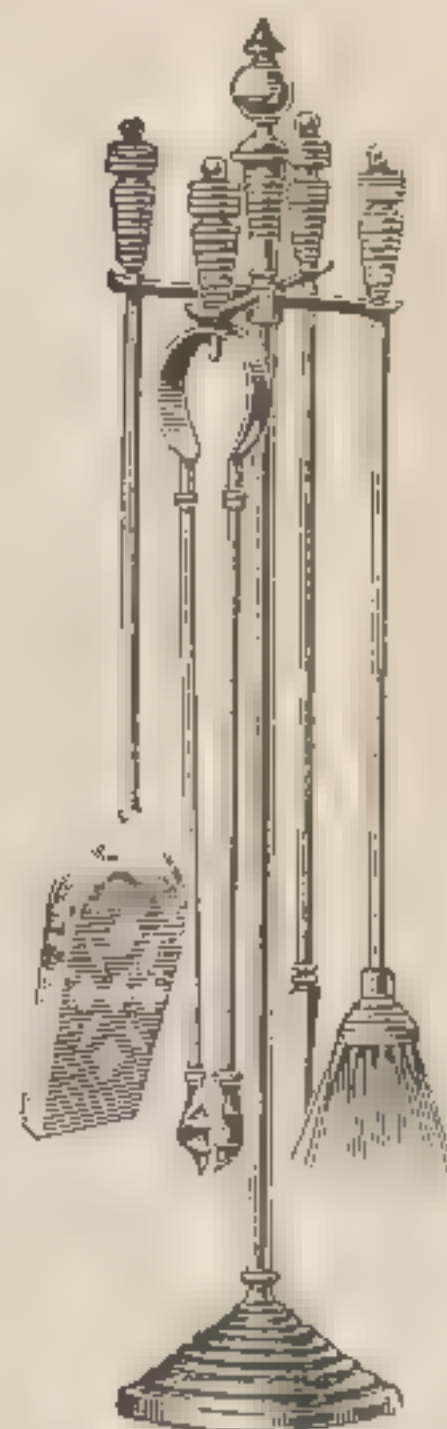


FIRE GUARD. Iron or Brass Wire.



NURSERY FENDER.

24, 30 inches high x 36, 39, 42, 45, 48 inches wide.



No. 1.



No. 2.

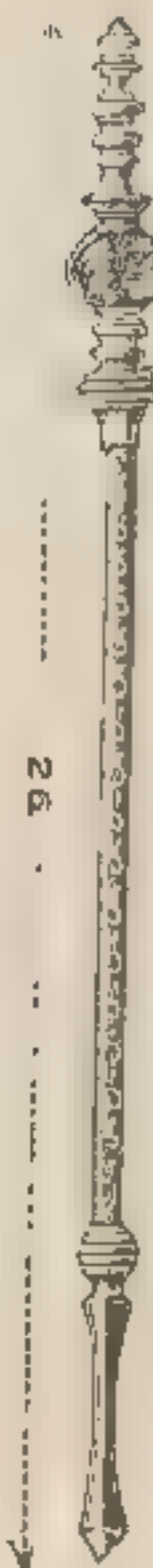
BRASS OR NICKEL-PLATED
COMPANION SETS.



No. 1.



FIRE BRASSES.

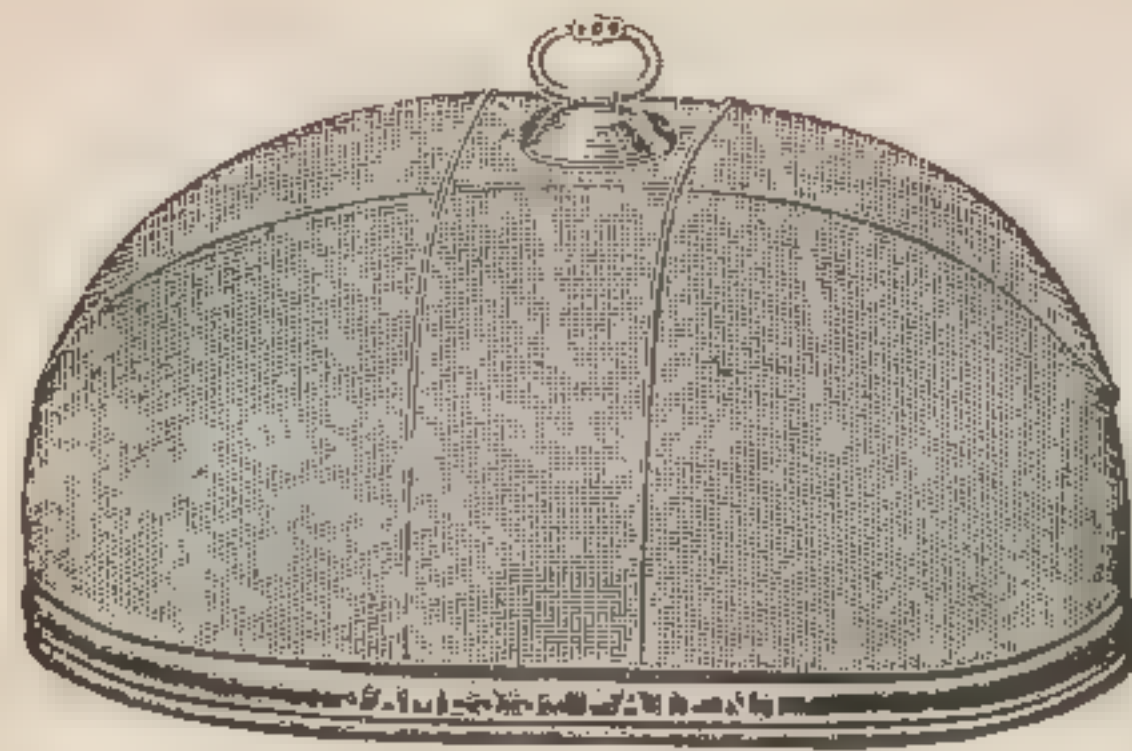


No. 2.

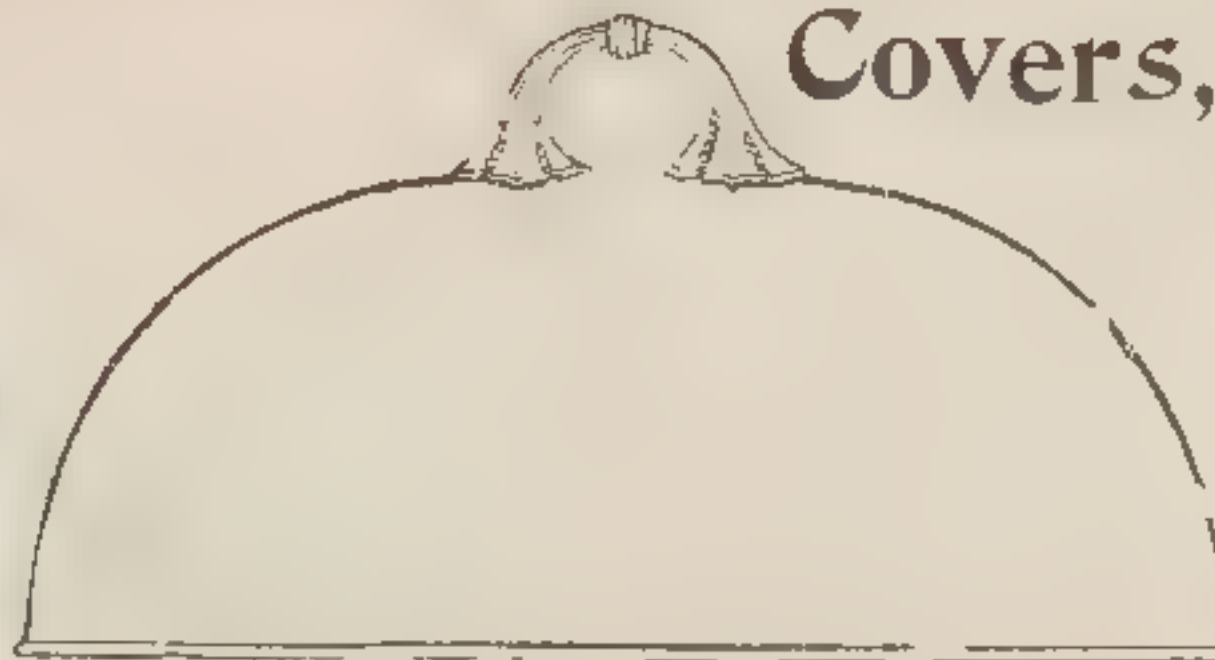


BLACK, POLISHED, NICKEL-PLATED, AND ARTISTIC WROUGHT FIRE IRONS. FIRE IRON DOGS. KITCHEN POKERS AND TONGS.
Write for our Special Illustrations of Fenders.

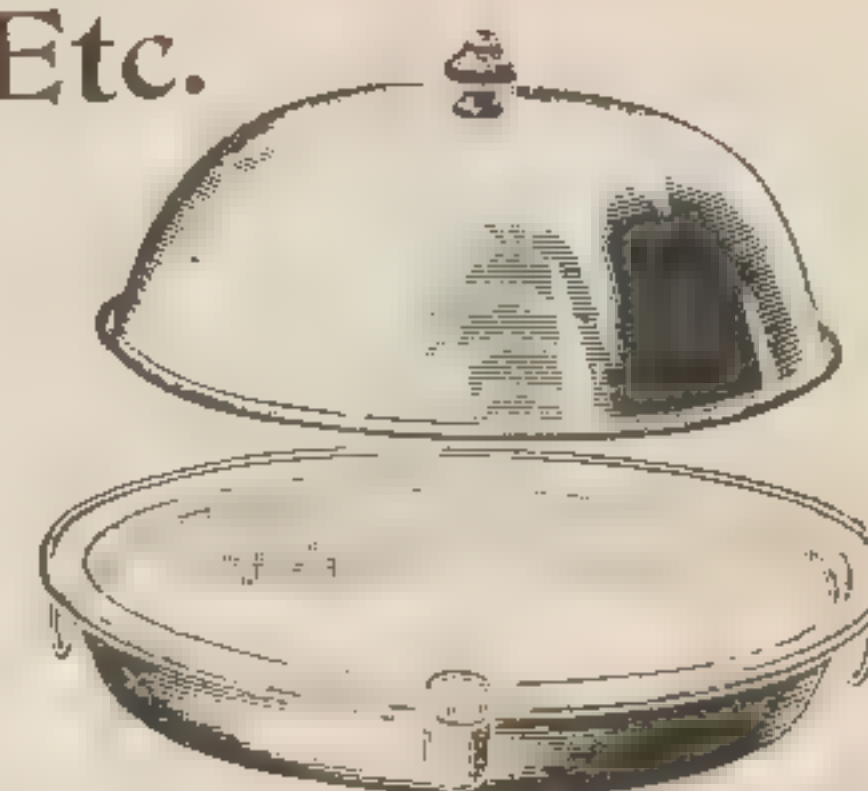
Covers, Etc.



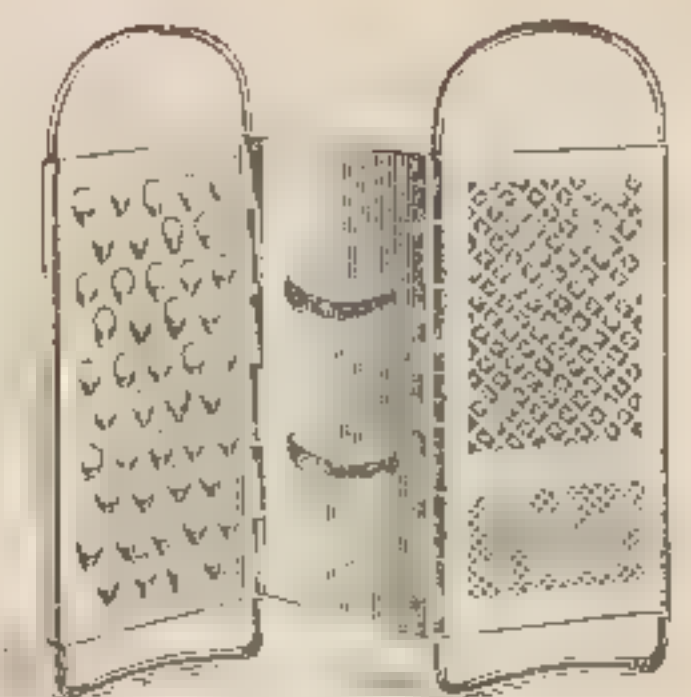
WIRE DISH COVER.
Tinned and Blued. Single and Double Stayed.
12, 14, 16, 18, 20, 22 inch.
Colonial Tin, with Perforated Sides, 14 to 24 inch.



PLATED OR BLOCK TIN DISH COVER.
Different Designs and Qualities.
10 to 18 inch.



BLOCK TIN PLATE AND COVER.
Various Qualities. 8, 9, 10 inch.



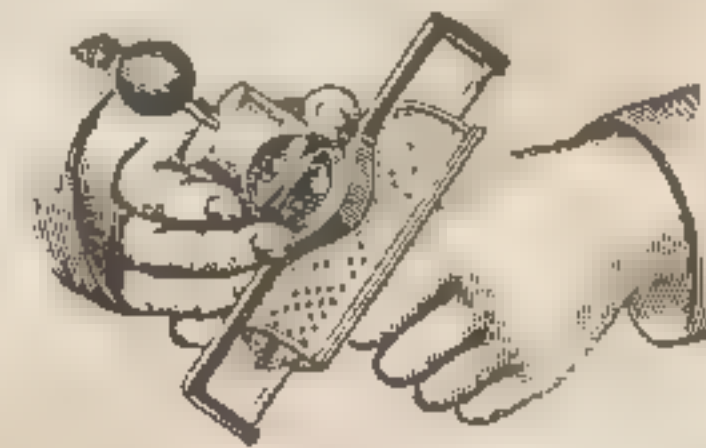
COMBINATION GRATER.
3 Fold.



EGG SLICER. Wood Handle
" " All Tin. Also, Tin with Iron Handle



TIN FISH SLICER.



THE EDGAR NUTMEG GRATER



No. 1. BREAD GRATER.



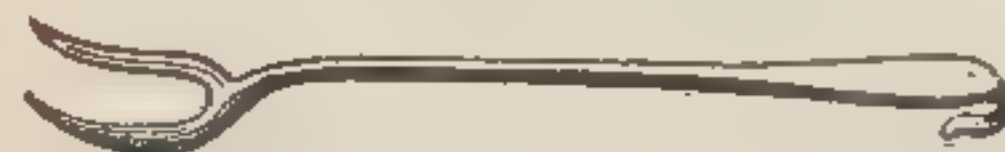
No. 2. SPOONS. BREAD GRATER.



VEGETABLE LIFTER.
Wood or Wire Handle.



COMBINATION GRATER.



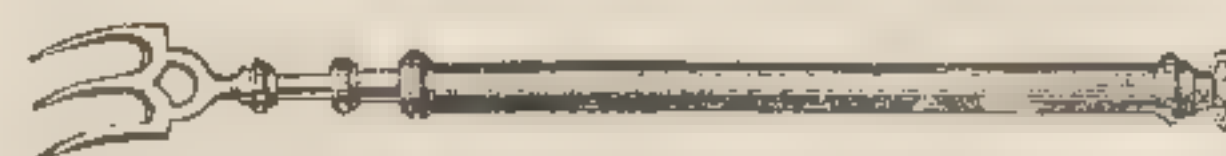
HEAVY FORGED COOK'S FORK.
2 and 3 Prong.



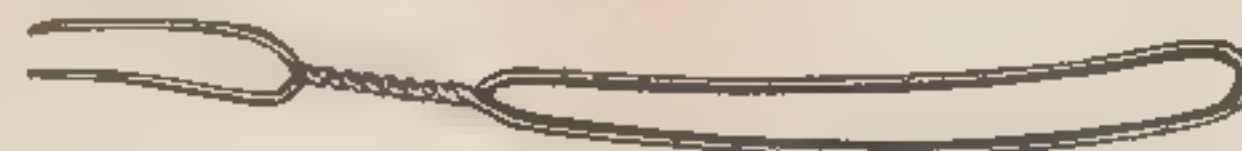
WIRE TOAST FORK.



HEAVY FORGED COOK'S TORMENTOR



TELESCOPIC TOAST FORK



WIRE COOK'S FORK. 2 and 3 Prong.



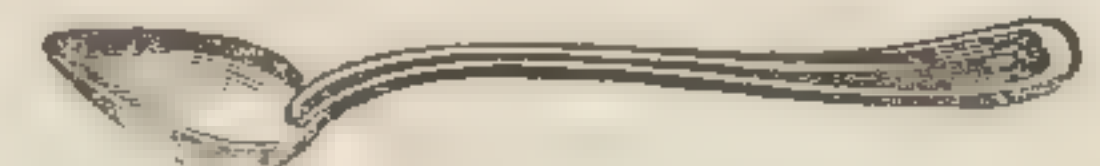
No. 1. SALAD SPOON AND FORK. **No. 2. SALAD SPOON AND FORK.**



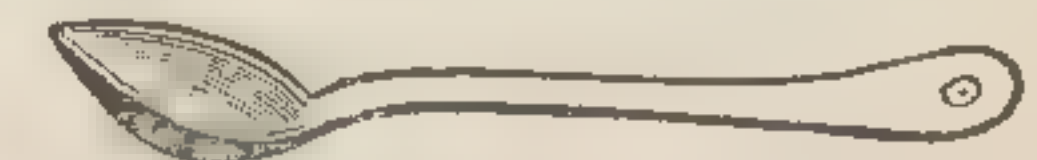
COOK'S FORK WITH GUARD.



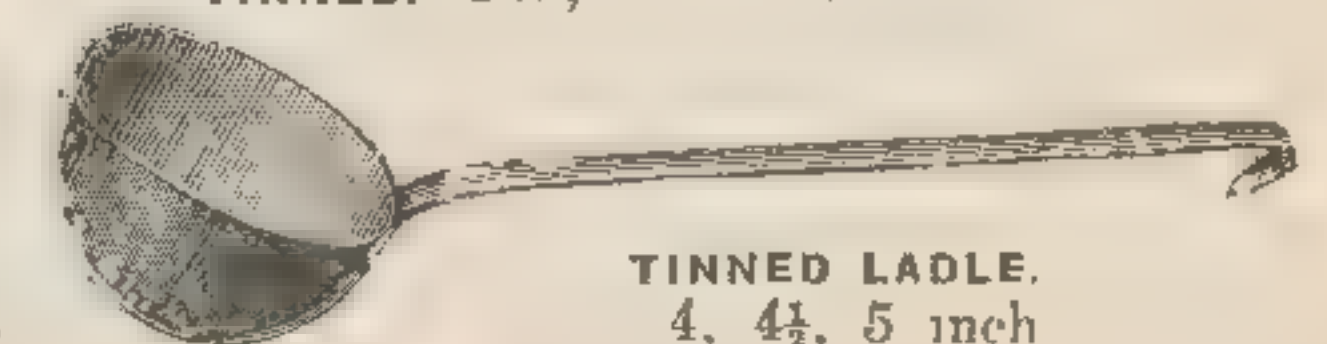
WOOD. 12, 14, 16, 18, 20 in.



STAMPED BASTING. 10 12 14 16, 18 in

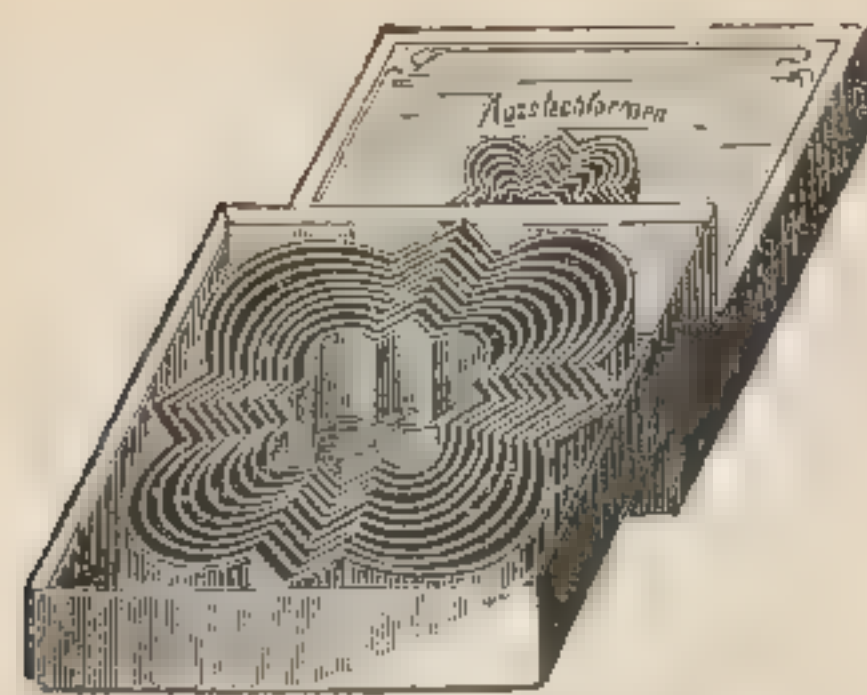


FORGED BASTING. 10, 12, 14, 16, 18 in
SPOONS BONE, Mustard and Salt.
TINNED. Tea, Dessert, Table



TINNED LADLE.
4, 4½, 5 inch

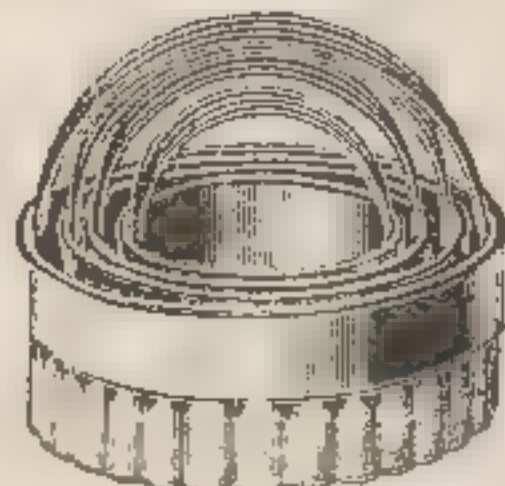
Paste Cutters, Etc.



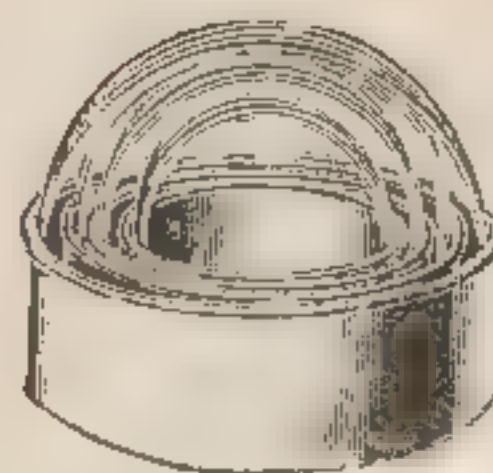
FANCY PASTE CUTTERS.
In box. Various shapes.



CRINKLED PASTE CUTTERS.



CRINKLED PASTE CUTTERS.



PLAIN ROUND PASTE CUTTER.



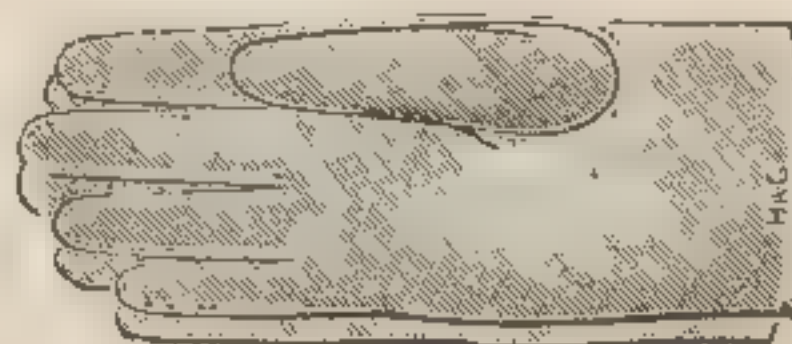
ICING PIPES IN SETS OF ASSORTED SHAPES.



WIRE PLATE HANDLE.
Various Designs.



COAT SUSPENDERS.



HOUSEMAID'S CHAMOIS GLOVES AND GAUNTLETS.
AMERICAN CLOTH DO.



OVAL MIRROR.
Plain or Varnished.
4½, 5, 5½ inch. Round
Zinc Mirrors, 2½, 3 inch.



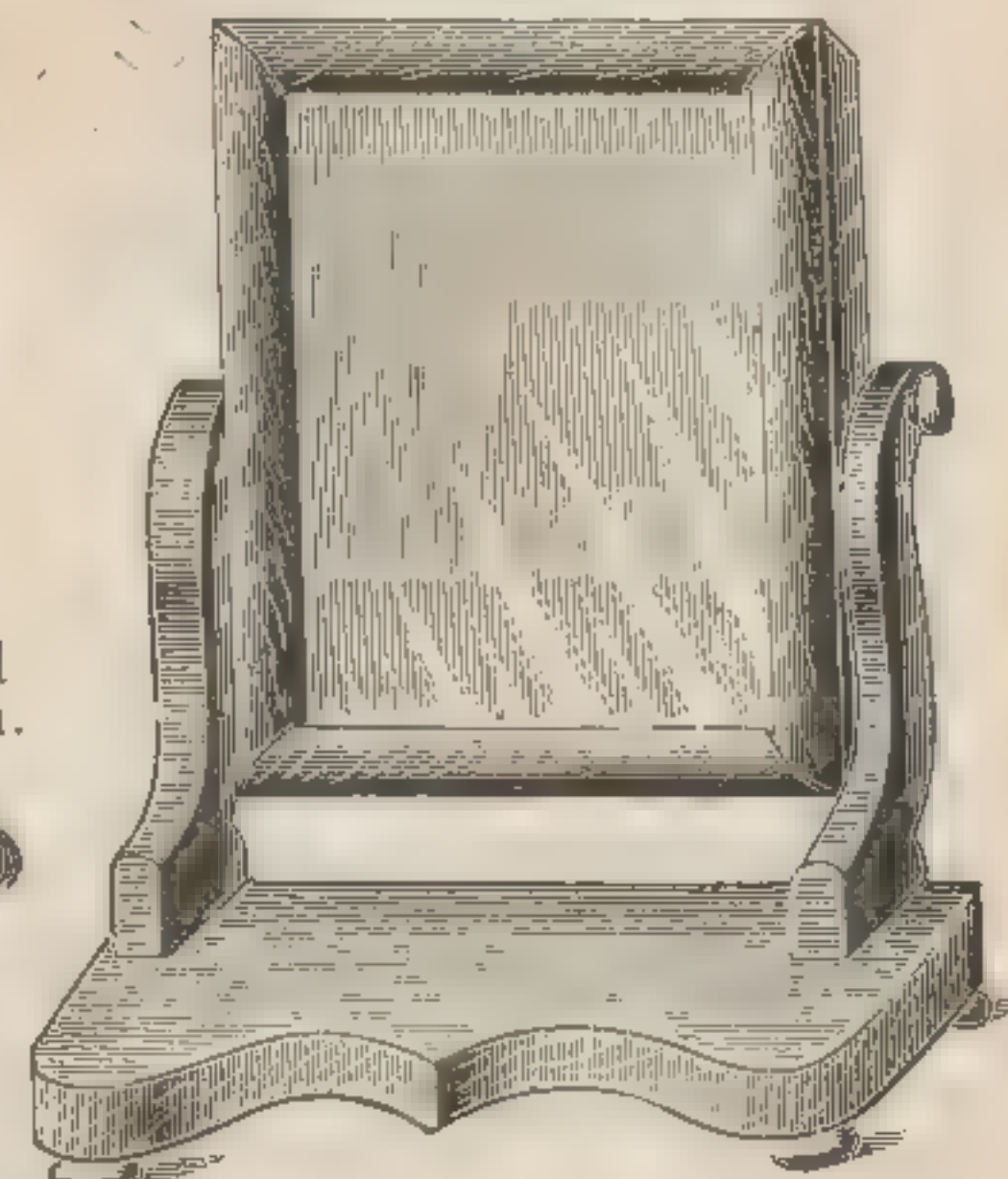
BREAD PLATTER.
11, 12in.
In many designs.



HARVESTING GLOVES,
also Harvesting Gauntlet.



TIN PLATE.
Dinner, 8, 9, 9½, 10 in.
Soup, 8, 9, 9½, 10 in.



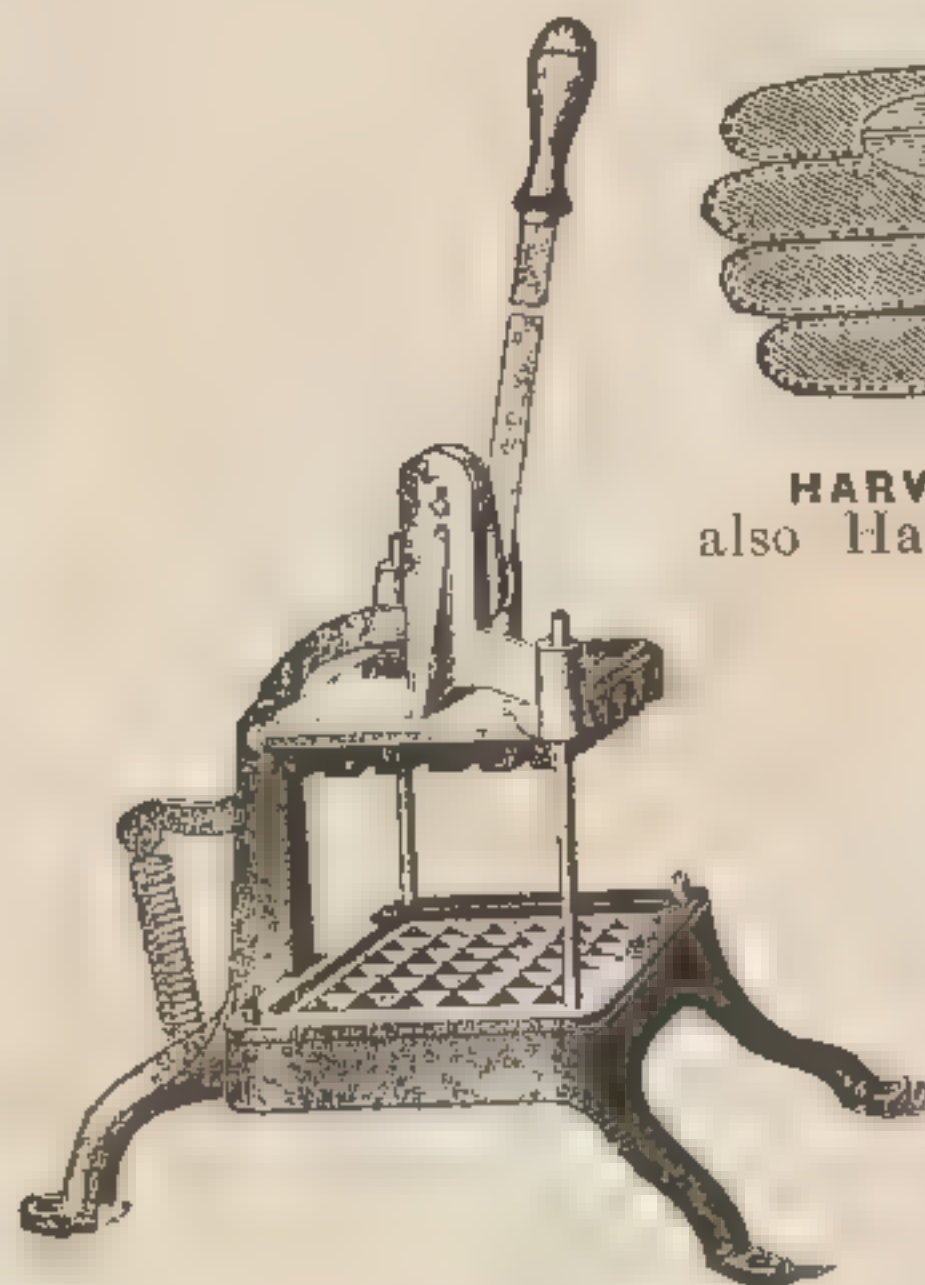
Plain Trays, Square Top, 9 x 7, 10 x 8, 12 x 9,
14 x 10, 16 x 12 inch.

Plain Trays, Arch Top, 9 x 7, 10 x 8, 12 x 9, 14 x
10, 16 x 12 inch.

Crown Dressers, 6 x 4, 7 x 5, 8 x 6, 9 x 7, 10 x 8,
12 x 9, 14 x 10 inch.

Plate Dressers, 6 x 4, 7 x 5, 8 x 6, 9 x 7, 10 x 8,
12 x 9, 14 x 10, 16 x 12 inch.

Plate Oak Dressers, 10 x 8, 12 x 9, 14 x 10,
16 x 12in.



POTATO CHIP MACHINE.
In Two Sizes.

KEGS, 1, 3, 5 Gals.
Any size to order.



GRIDDLE.
12, 14, 16 inch.



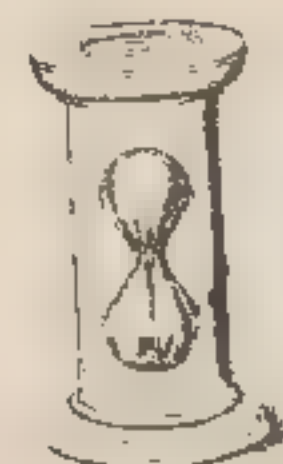
TIN SPIRIT FUNNEL,
with Strainer.
COPPER,
All Sizes



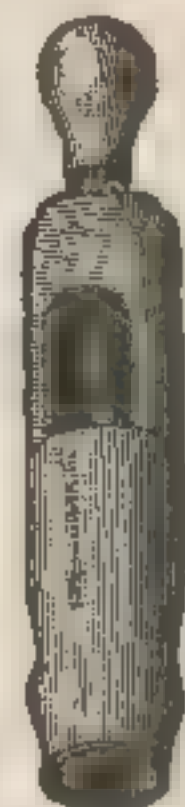
TIN FUNNEL,
With Hinge Strainer.
4, 4½, 5½, 6½ inch.



EGG POACHER.
3, 4, 5, hole.



EGG TIMER. Also, The Perfection, 5 hole.



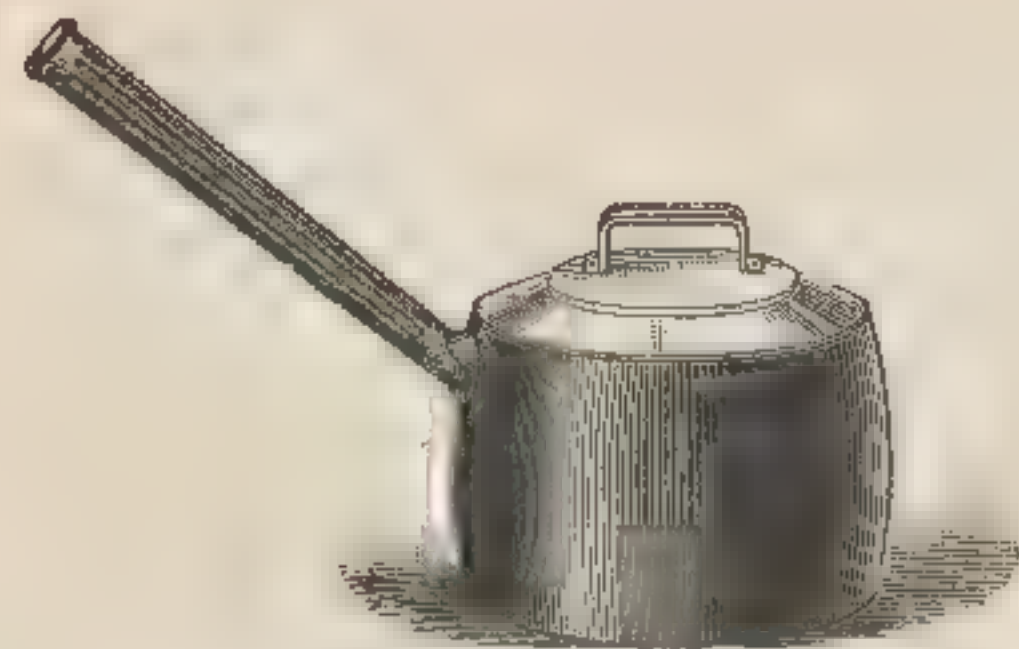
BOTTLE CORKER.



TONGUE OR BRAWN PRESS.
6, 7, 8in.

FILES—Bill, to Hang, to Stand.

English Tinned Hollow-ware.



SAUCEPAN.

List.

BOILERS.

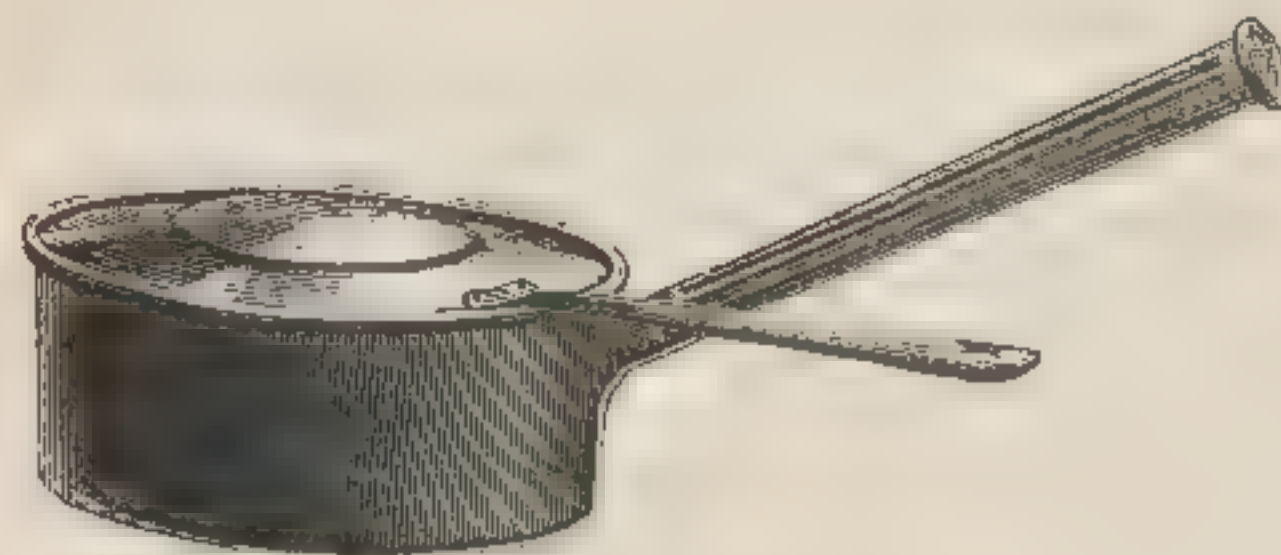
4/-	4/9	5/6	6/-	6/6	9/-	1 /6	12/-	13/-	15/-	16/6	18/-	20/-	23/-
1	1½	2	2½	3	4	5	6	7	8	9	10	12	14 Gals.



DIGESTOR.

KETTLES.

3/-	3/3	3/9	4/6	5/6	6/6	7/6	8/6	9/6	10/6	11/6
Nos. 0	1	2	3	4	5	6	7	8	9	10
3	4	5	Pts. 3	4	5	6	7	8	9	10 Qts.



STEW PAN.

FOUNTAINS.

11/-	12/-	13/3	14/9	16/3	18/9	21/-	23/-	26/-	28/-
2	2½	3	4	5	6	7	8	9	10 Gals.



KETTLE.

SAUCEPANS.

1/2	1/4	1/7	1/11	2/2	2/8	3/1	3/6	4/1	4/4	5/6	6/-
Nos. 1	2	3	4	5	6	7	8	9	10	11 F.H.	12 F.H.
1	1½	2	3	4	6	Pts. 4	5	6	7	Qts. 2	2½ Gals.

STEW PANS.

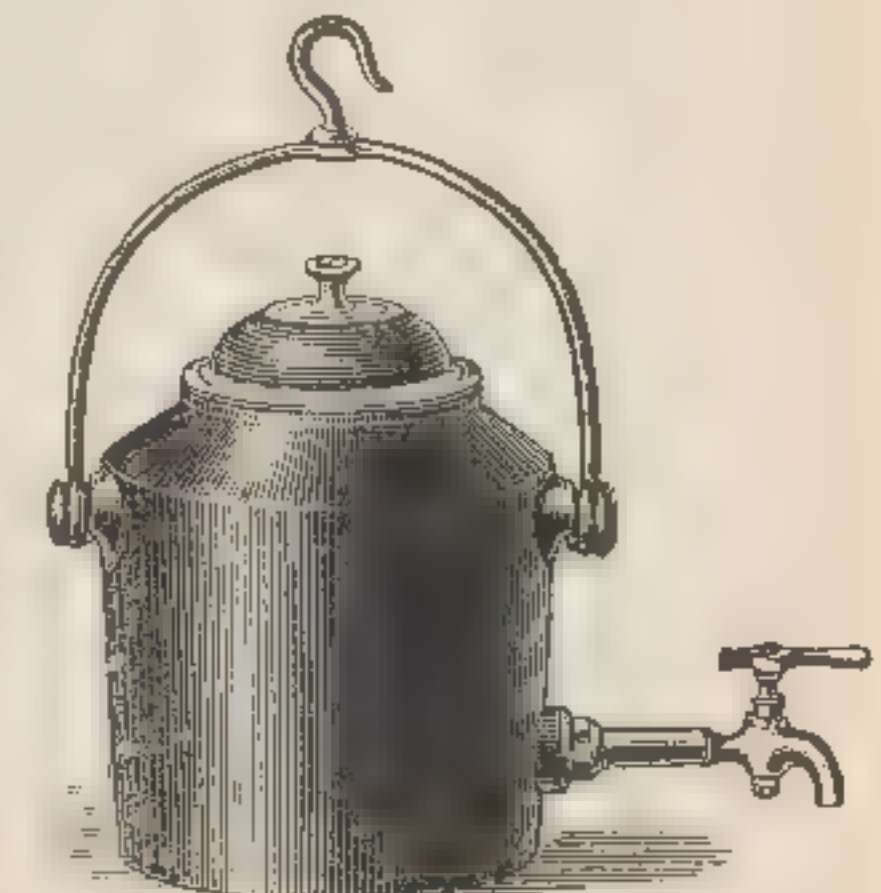
1/10	2/3	2/9	3/3	3/9	4/-	4/3	4/9	5/6	6/3	7/3
Nos. 2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8½	10	11	12	14	16 pints

DIGESTORS.

4/6	6/-	7/6	9/6	13/-
1	1½	2	3	4 Gals.



BOILER.



FOUNTAIN.

English Porcelain Enamelled Hollow-ware.

LIST.



BOILER.

BOILERS.

5/-	6/-	6 10	7 5	8/-	10/-	12 4	14 3	15 6	17 6
1	1 1/2	2	2 1/2	3	4	5	6	7	8 Gals.

SAUCEPANS.

1/4	1/7	1/11	2/3	2/7	3/3	4/-	4/6	5/1	5/5	7/-	7, 7
Nos. 1	2	3	4	5	6	7	8	9	10	11	F.H. 12 F.H.
1	1 1/2	2	3	4	6pts	4	5	6	7 qts	2	2 1/2 Gals.

Lipped 3d. Extra.



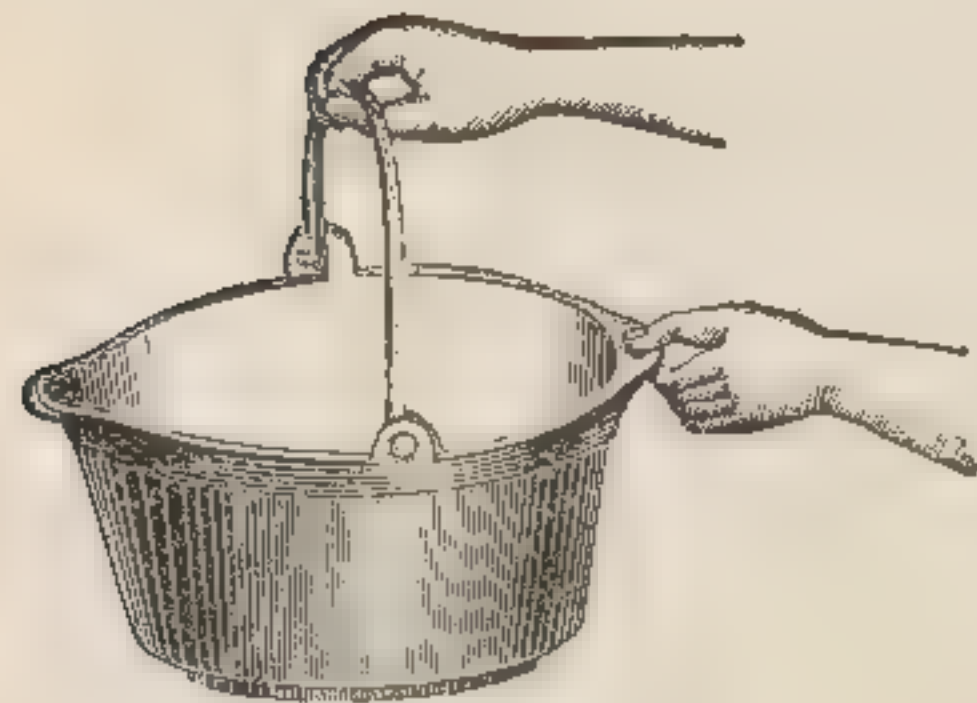
SAUCEPAN.

STEW PANS.

2/-	2/5	2, 11	3/5	3/10	4/5	4/10	5/7	6/4	7/-	8/3
Nos. 2	3	4	5	6	7	8	9	10	11	12
3	4	5	6	7	8 1/2	10	11	12	14	16 Pts.

PRESERVING PANS.

5/-	5/6	6/6	7/6	8/6	9/6	10/6	12/6	16/-	20/-
12	13	14	15	16	17	18	20	22	24 inches.
4 1/2	4 1/2	5	5 1/2	5 1/2	5 1/2	5 1/2	6 1/2	6 1/2	7 1/2 „ Deep.



MASLIN KETTLE.

MASLIN KETTLES.

5/-	6/-	6/6	7/6	8/6	9/6	10/6
Nos. 12	13	14	15	16	17	18.
8	10	12	14	16	18	20 Qts.

GRIDIRONS.

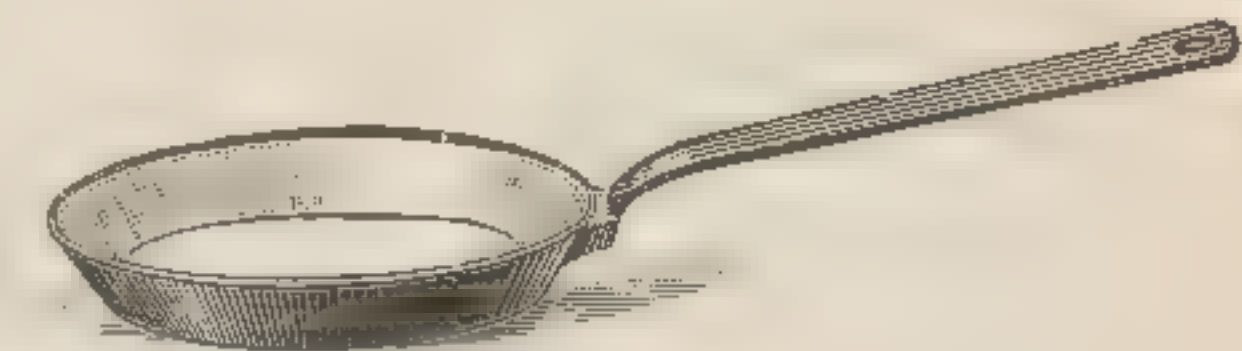
2/3	2/9	3/3	3/9
8	10	12	14 Bar.

FRYPANS.

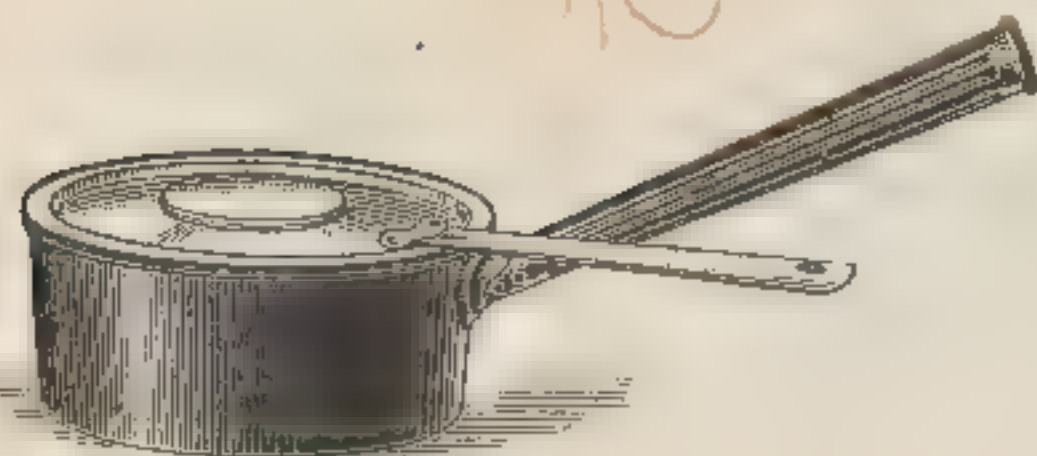
2/8	3/6	4/6	5/6
8	10	12	14 inch.



PRESERVING PAN.



FRYPAN.



STEW PAN.



GRIDIRON.

Stevens' Steel Hollow-ware.



BOILER
 Pearl Enamelled, 2, 2½, 3, 4, 5 gal.
 Tinned, 2, 2½, 3, 4, 5, 6 gal.



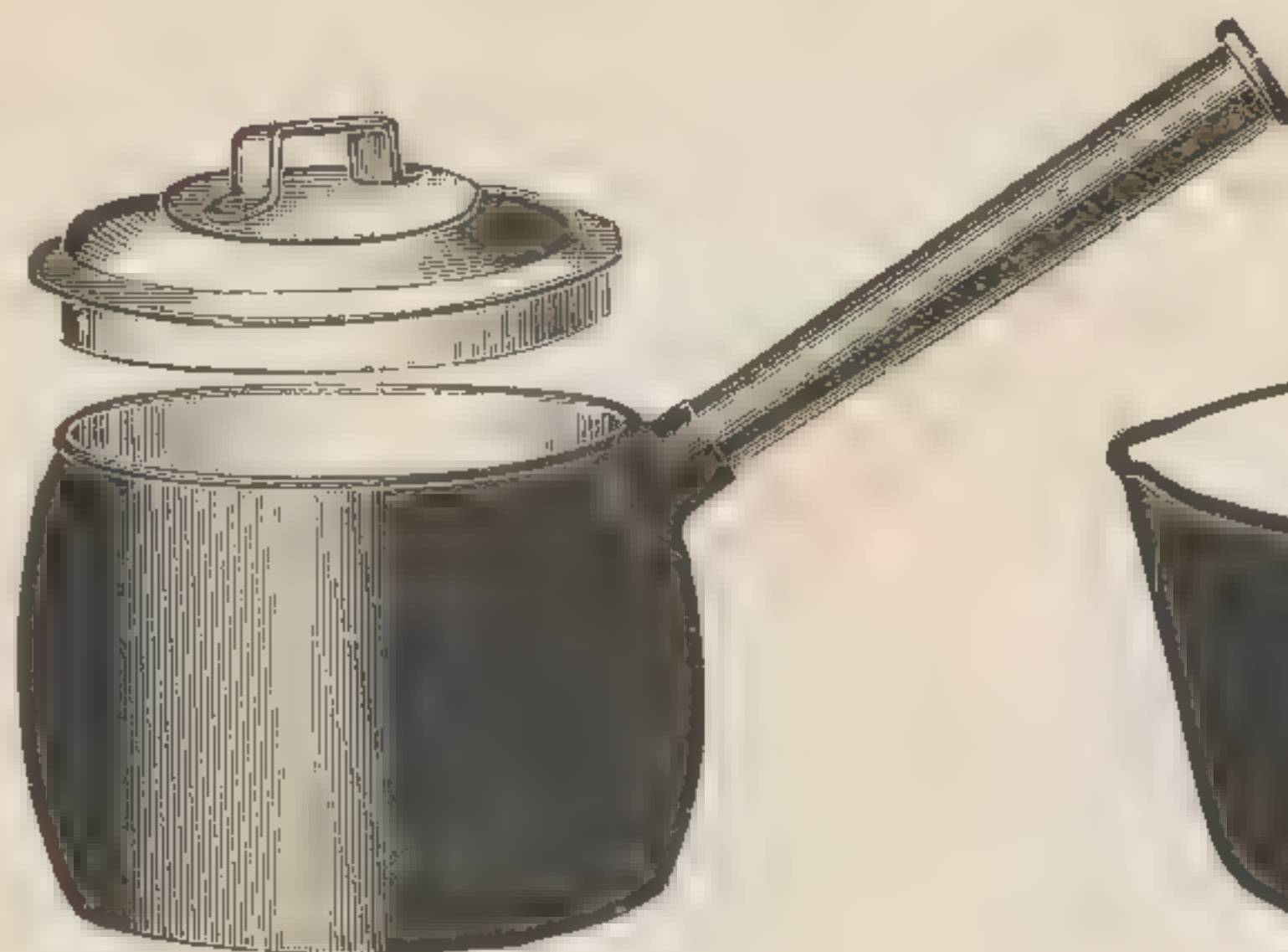
ROUND POTS, Bail Handle.
 Tinned, ½ to 2 gals.



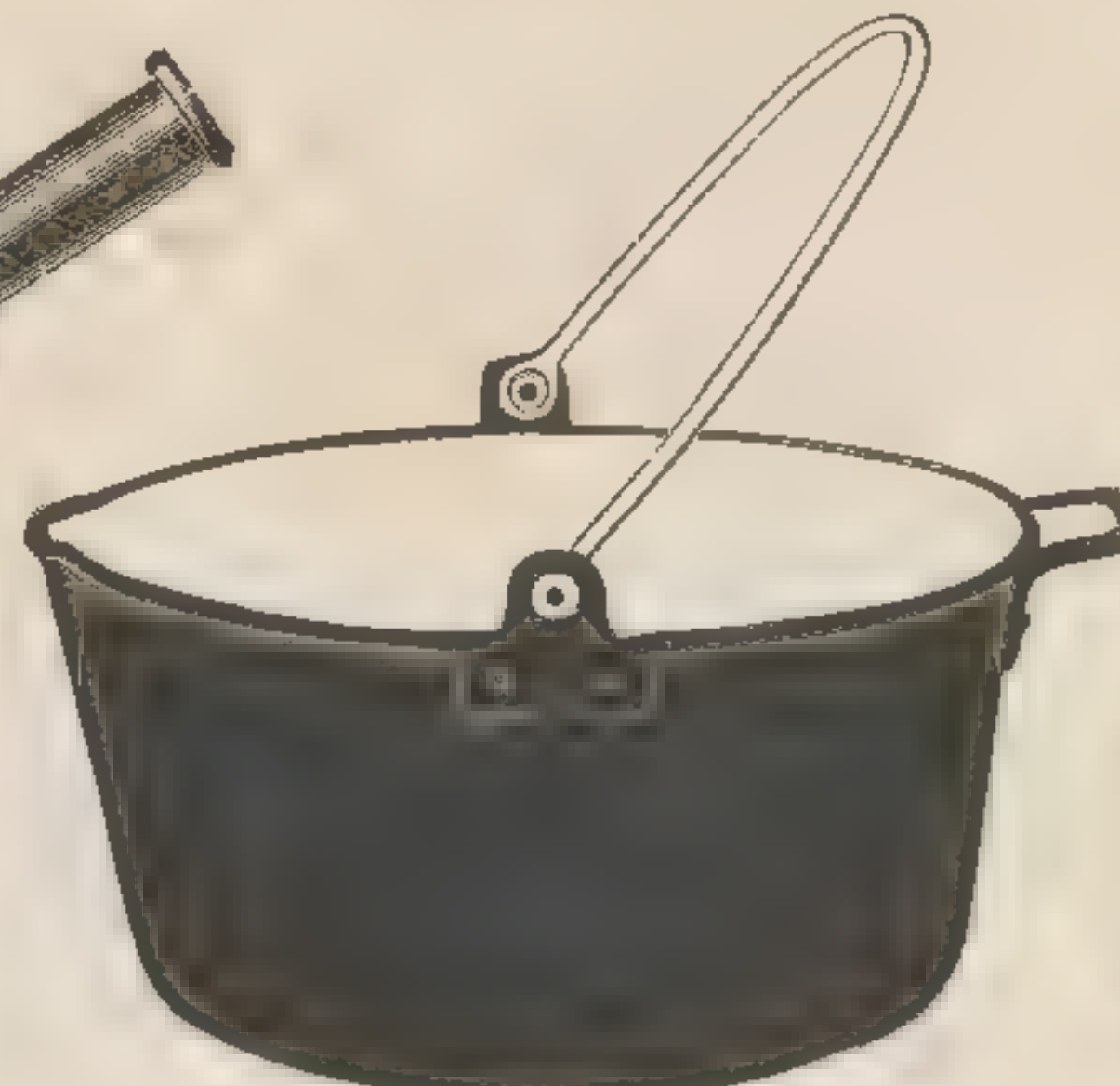
KETTLE.
GEM, Tinned, 2 to 12 pint.
TRIUMPH, Pearl Enamelled, 2 to 6 pint.



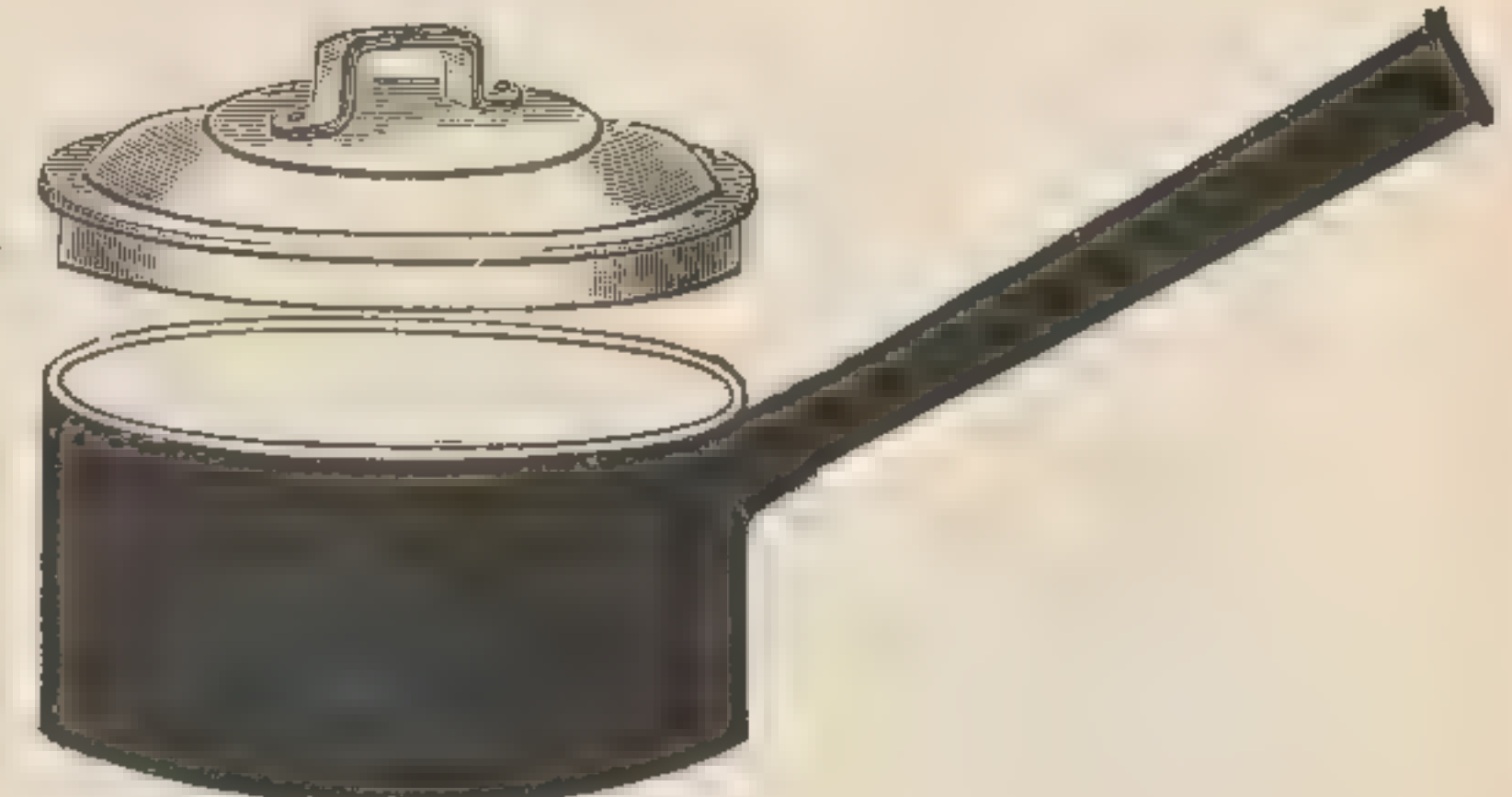
"PERFECT" KETTLE.
 Tinned, 3 to 12 pints.



SAUCEPAN.
 Tinned, 2 to 16 pints
 Pearl Enamelled, 2 to 16 pints.

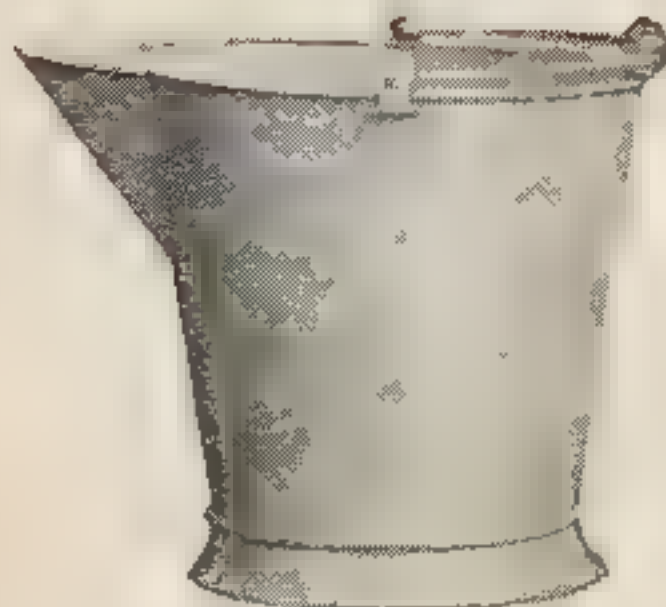


MASLIN KETTLE.
 Pearl Enamelled, 16, 20, 24 pints.



STEWPAN
 Pearl Enamelled, 2 to 10 pints.

Enamelled Hollow-ware.



GRID IRONS.
6, 7, 8, 9, 10 bar.



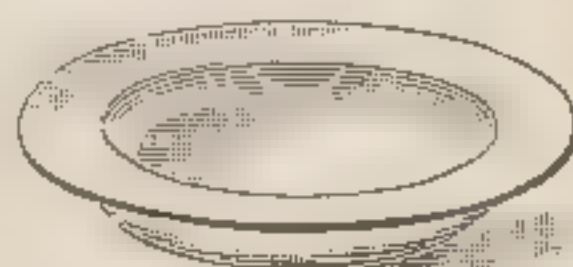
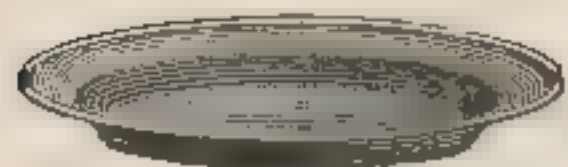
PAIS, SLOP,
with Valve Cover.
Three Sizes.

PAILS, SLOP,
English Shape.
Medium, Large.

PAILS, SLOP, with Ordinary Enamelled Lid			
c/m	26	28	30
Inches	10 $\frac{1}{2}$	11	11 $\frac{3}{4}$

BUCKETS, WITH FOOT.

c/m	22	24	26	28	30
Quarts	5	$6\frac{1}{2}$	8	10	$12\frac{1}{2}$



PLATES, DINNER.

c/m	16	18	20	22	24	26
Inches	$6\frac{1}{4}$	$7\frac{1}{8}$	8	$8\frac{3}{4}$	$9\frac{1}{2}$	$10\frac{1}{4}$

PLATES, SOUP.

c/m	16	18	20	22	24	26
Inches	6 $\frac{1}{4}$	7 $\frac{1}{4}$	8	8 $\frac{3}{4}$	9 $\frac{1}{4}$	10 $\frac{1}{4}$



POACHERS, EGG.
3, 5, 7 Eggs.



SCOOPS.

(c)/m	12	14	16	18	20	22
Inches	4 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$	7 $\frac{1}{2}$	8	8 $\frac{3}{4}$

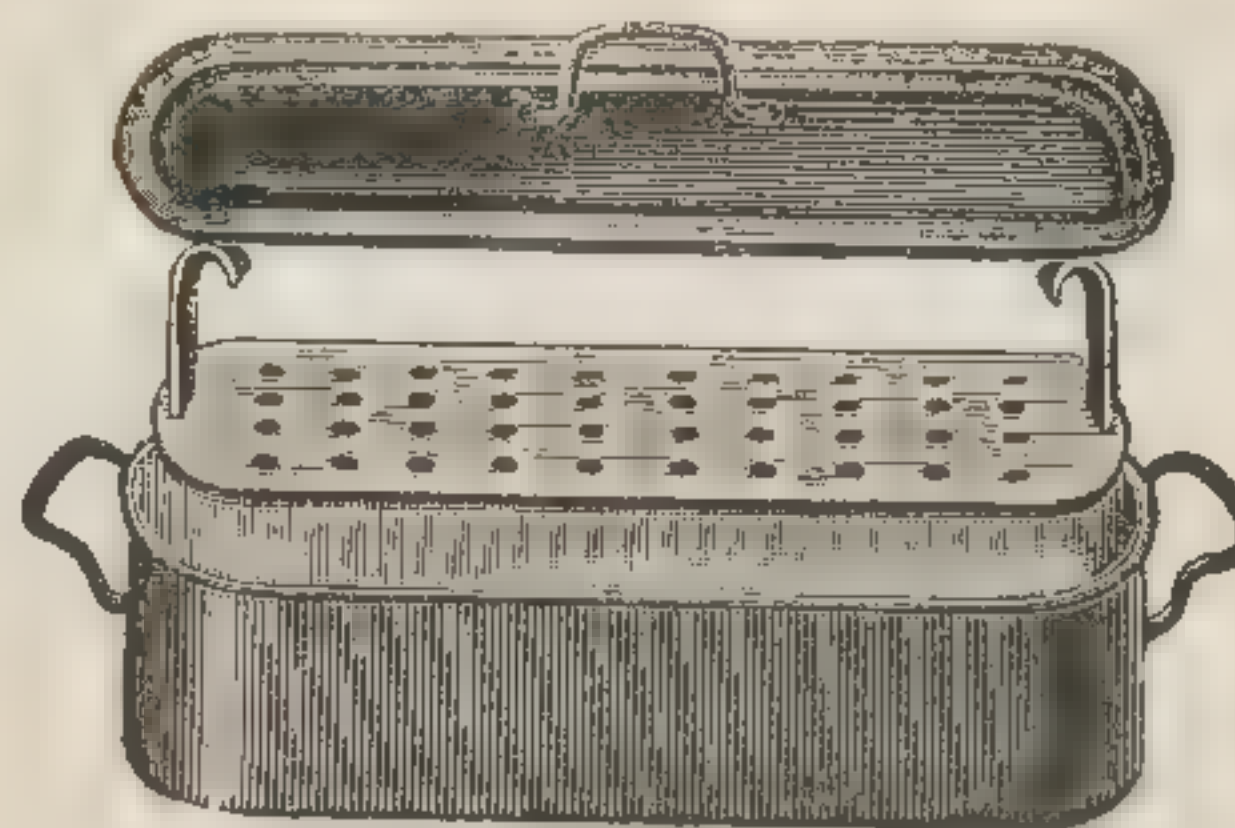


DINNER CARRIER.

c/m	16	18
Inches	6 $\frac{1}{4}$	7 $\frac{1}{8}$



STOCK POT.
20 to 26 c/m.



OBLONG KETTLES, FISH.

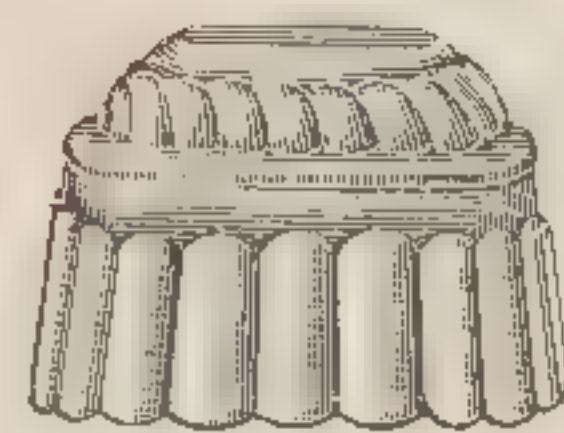
c/m	40	45	50	55
Inches	16	17 $\frac{3}{4}$	19 $\frac{3}{4}$	21 $\frac{3}{4}$



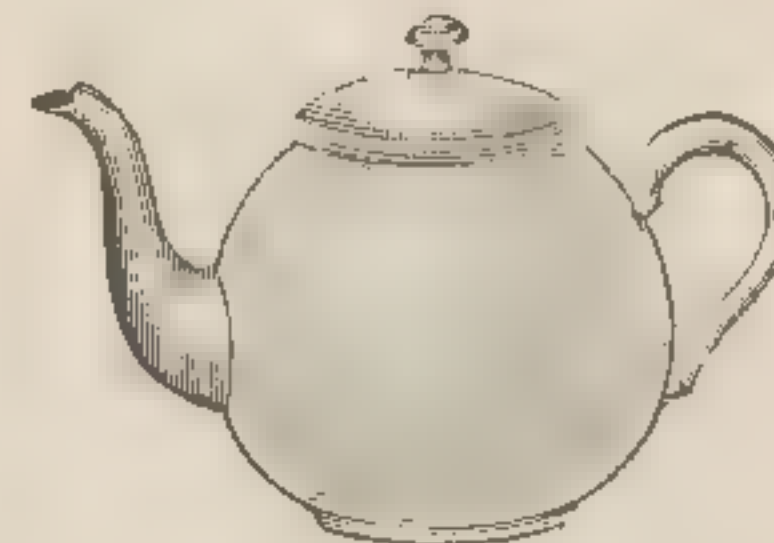
OVAL KETTLES, FISH.

c/m	44	46
Inches	17 $\frac{1}{2}$	18 $\frac{1}{2}$

Enamelled Hollow-ware *Continued.*



MOULDS, FLUTED JELLY.
1, 1½ pint.



STRAINERS, TEA CUP.



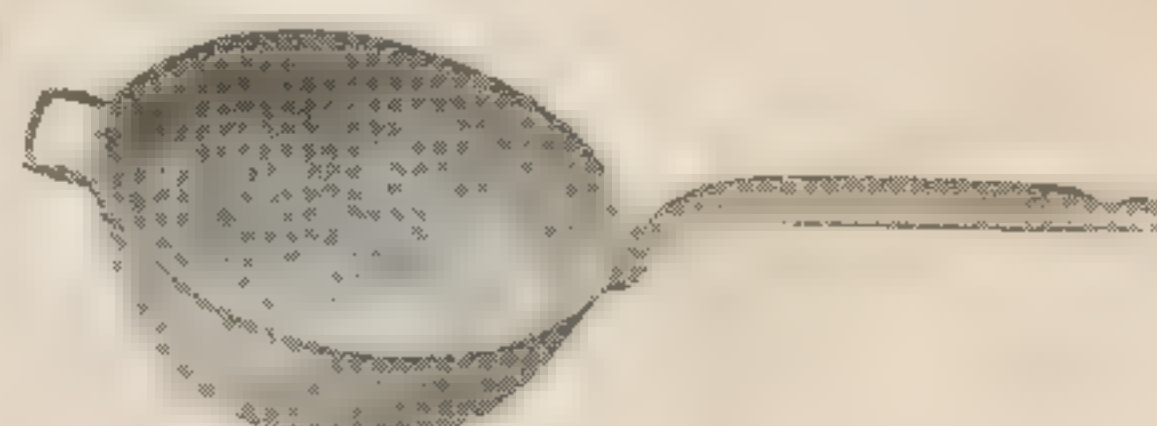
POTS, COFFEE.

KETTLES, TEA, Seamed.					
c/m	14	16	18	20	22
Inches	5½	6½	7½	8	8½
Pints	1½	2½	3½	4½	6
c/m		28		30	
Inches		11		11½	
Pints		12		15	

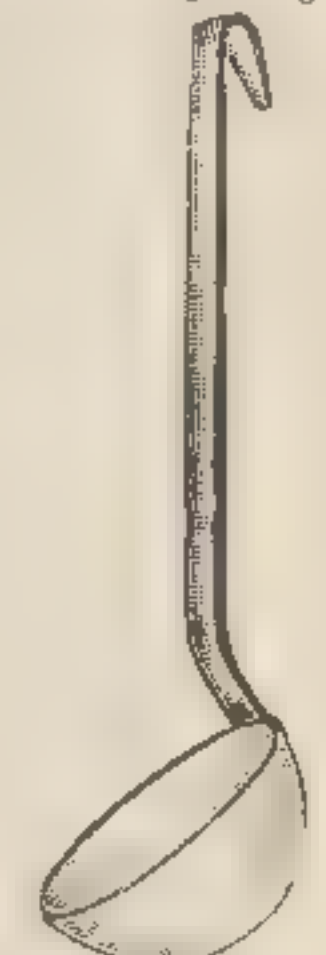
TEAPOTS, Lock Lids.									
c/m	10	12	14	16	18	20	22FH	24FH	
Inches	3¾	4¾	5½	6½	7½	8	8¾	9½	
Pints	1	1½	2	3	4½	6	8	10	

Also with Hinged Lids.

POTS, COFFEE.					
c/m	12	13	14	15	16
Pints	2	2½	3½	4½	5



MUGS, SPITTING.



SKIMMERS.				
c/m	9	10	12	14
Inches	3½	4	4¾	5½

STRAINERS, HANDLED GRAVY.				
c/m	10	12	14	16
Inches	4	4¾	5½	6½

MUGS, Straight.					
c/m	5	6	7	8	9
Inches	2	2½	2¾	3½	4½
Pints	1½	2	2½	3½	4½

Decorated, 7 c/m.

LADLES.				
c/m	8	10	12	14
Inches	3½	4	4¾	5½



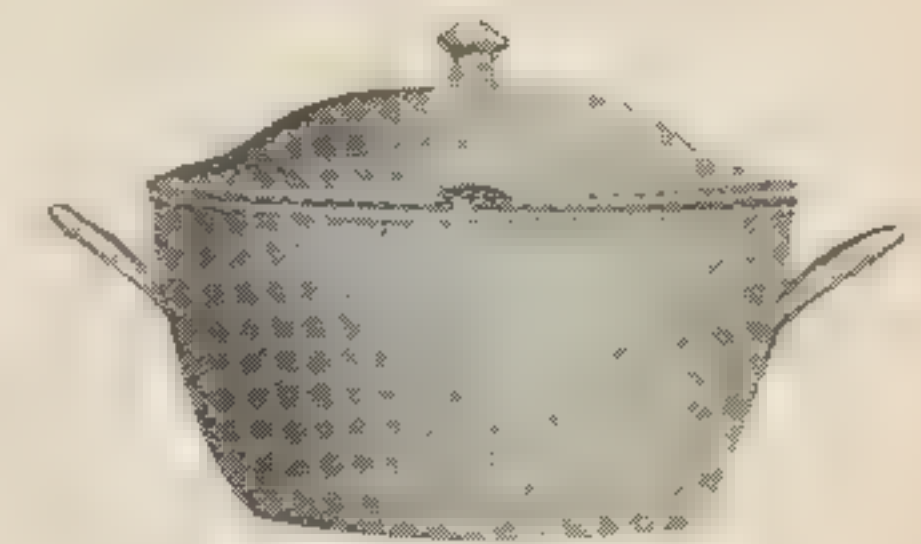
FLOUR BIN.
Inches, 11, 13, 15.



CROCK, BREAD.
Inches, 11, 13, 15.

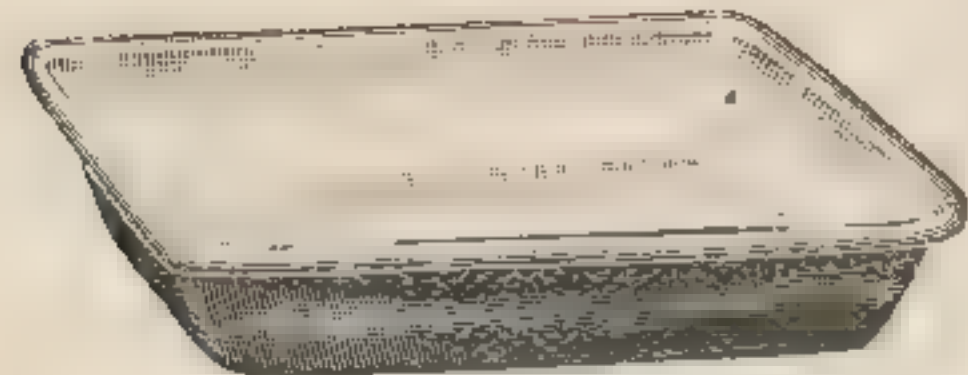


TUREENS, Round Bellied.
c/m 24 26
Inches 9½ 10½



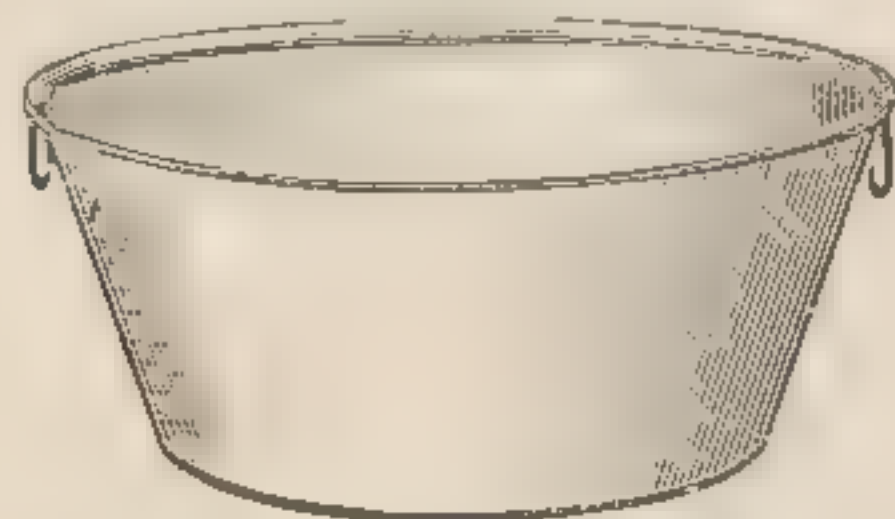
TUREENS, OVAL—
Straight Sides, Flat Bottom.
c/m 26 30
Inches 10½ 11½

Enamelled Hollow-ware *Continued.*



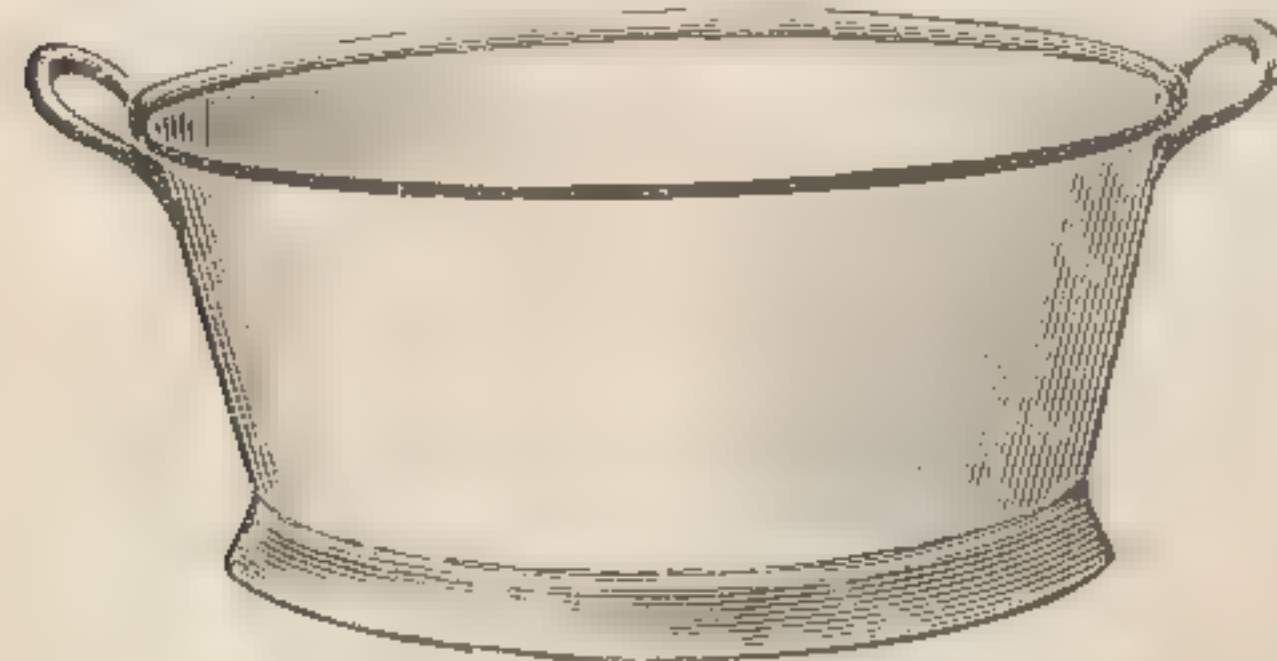
DISHES, OBLONG BAKE.

c/m	30	32	34	36	38	40	46	50
Inches	11 $\frac{3}{4}$	12 $\frac{1}{2}$	13 $\frac{1}{2}$	14 $\frac{1}{4}$	15	15 $\frac{3}{4}$	18 $\frac{1}{8}$	19 $\frac{1}{4}$



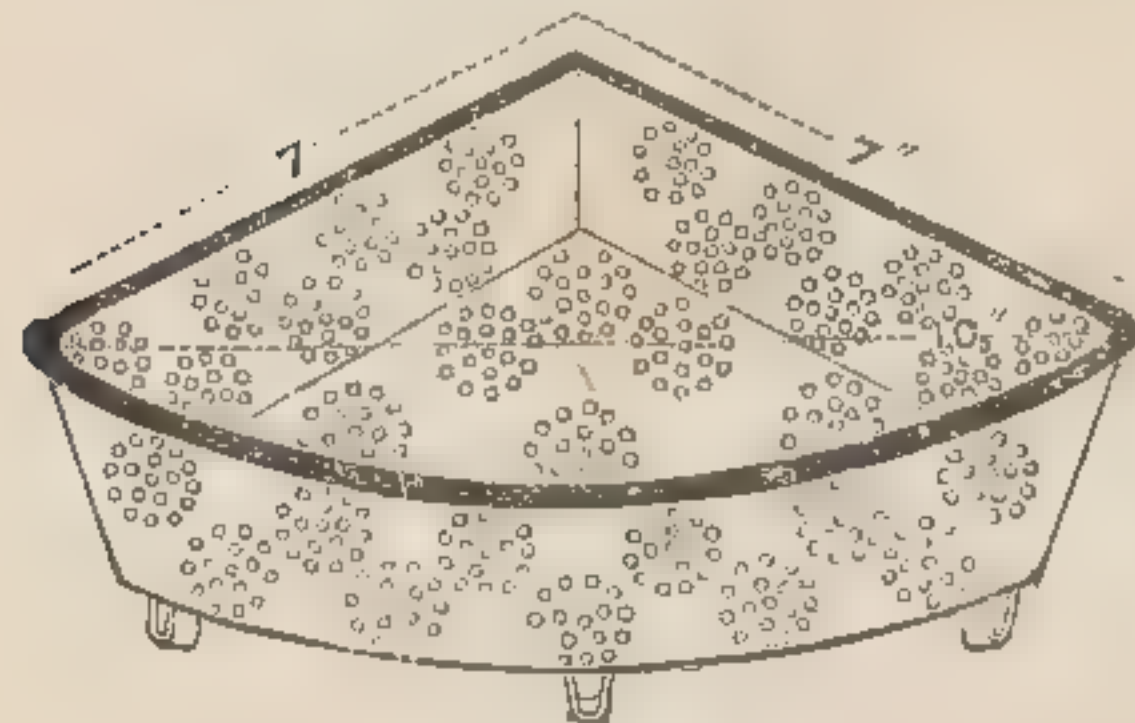
DISHES, WASH-UP, ROUND.

c/m	36	38	40	42	44	46
Inches	14 $\frac{1}{4}$	15	15 $\frac{3}{4}$	16 $\frac{1}{2}$	17 $\frac{3}{8}$	18 $\frac{1}{8}$
Quarts	8	9	10	11	13	15

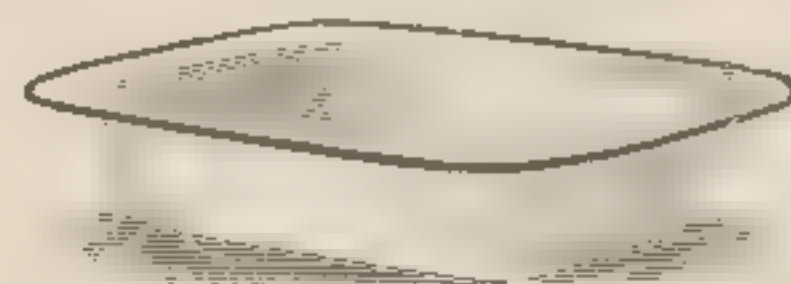


BATHS, OVAL FOOT, with Hoops.

c/m	45	50	55	60
Inches	17 $\frac{3}{4}$	19 $\frac{3}{4}$	21 $\frac{5}{8}$	23 $\frac{5}{8}$



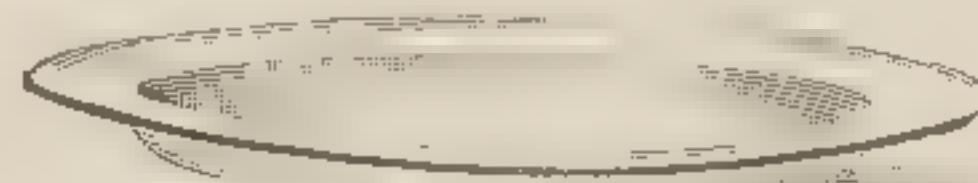
STRAINERS, SINK, Angle.



DISHES, PIE—Oblong, Deep.

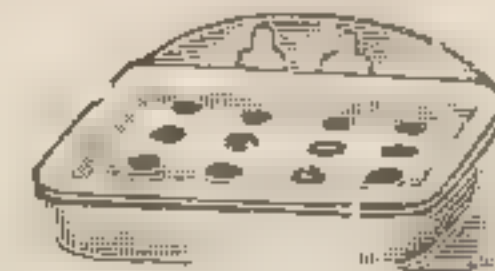
c/m	16	18	20	22	24	26	28
Inches	6 $\frac{1}{4}$	7 $\frac{1}{8}$	8	8 $\frac{3}{4}$	9 $\frac{1}{2}$	10 $\frac{1}{4}$	11

c/m	30	32	34	36	38	40
Inches	11 $\frac{3}{4}$	12 $\frac{1}{2}$	13 $\frac{1}{4}$	14 $\frac{1}{4}$	15	15 $\frac{3}{4}$



DISHES, OVAL MEAT.

c/m	26	30	35	40	48	50
Inches	10 $\frac{1}{4}$	11 $\frac{3}{4}$	14	15 $\frac{3}{4}$	18 $\frac{1}{8}$	19 $\frac{3}{4}$



DISHES, SOAP.

To Hang.

To Stand

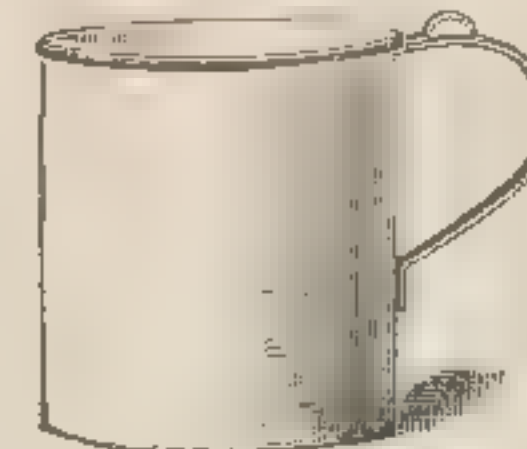


SOAP DISH, with Rack.



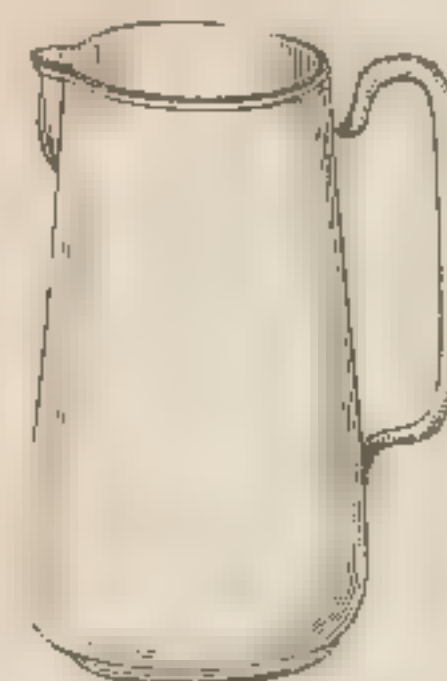
DISHES, VEGETABLE, Oblong.

c/m	24	28	30	32
Inches	9 $\frac{1}{4}$	11	11 $\frac{3}{4}$	12 $\frac{1}{2}$



DIPPERS (COLONIAL PATTERN).

c/m	14	16	18
Pints	4 $\frac{1}{4}$	6 $\frac{1}{2}$	7 $\frac{1}{8}$



No. 1.

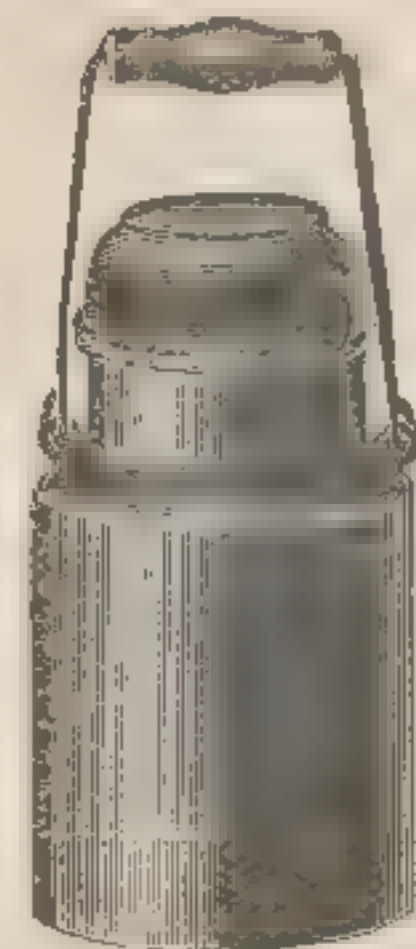


No. 2.

No. 1.—JUGS, MILK—Tall Shape. with Foot

c/m	9	10	11	12	13
Pints	1	1 $\frac{1}{2}$	2	3	4

No. 2.—STRAIGHT SIDE MILK JUGS.



CANS, RAILWAY, with Cup Cover.

Pints	1	1 $\frac{1}{2}$	2	3	4
Litre	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{2}$	2

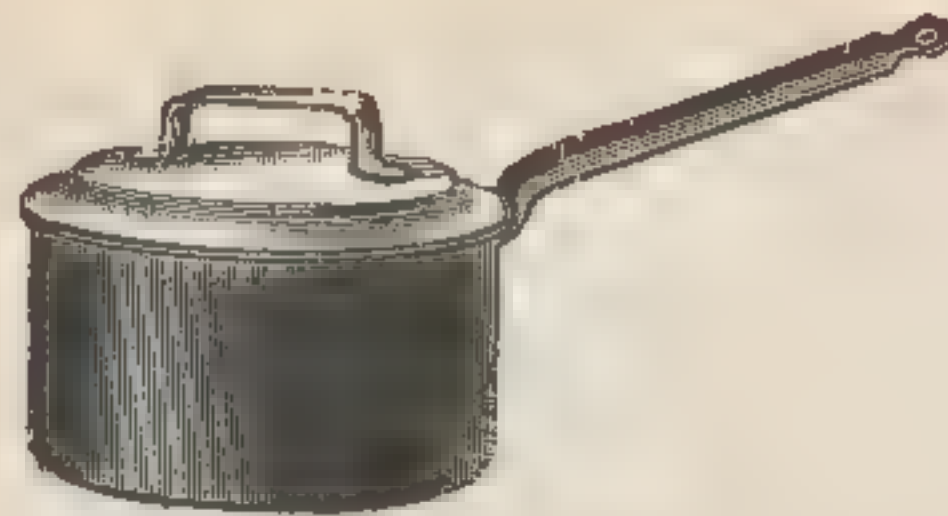


KETTLES, CAMP, Deep.

c/m	9	10	11	12	13	14	15
Inches	3 $\frac{1}{2}$	4	4 $\frac{3}{8}$	4 $\frac{1}{2}$	5 $\frac{1}{8}$	5 $\frac{1}{4}$	5 $\frac{7}{8}$
Pints	1	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{4}$	3	4	4 $\frac{3}{4}$
e/m		16	18	20			
Inches		6 $\frac{1}{4}$	7 $\frac{1}{8}$	8			
Pints		6	8	10			

BOXES, SALT.

Enamelled Hollow-ware—Continued.



STEW PANS.
Deep, with Rim or Flat Covers.

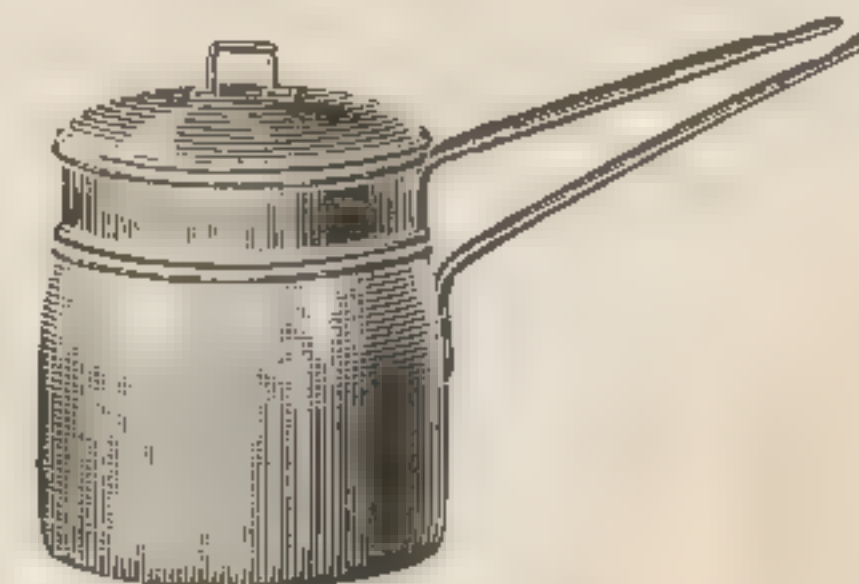
c/m	12	14	16	18	20	22	24
Inches	4 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$	7 $\frac{1}{2}$	8	8 $\frac{3}{4}$	9 $\frac{1}{2}$
Pints	1 $\frac{1}{2}$	2	3	4 $\frac{1}{2}$	5 $\frac{1}{2}$	7 $\frac{1}{2}$	9 $\frac{1}{2}$

c/m	26	28	30
Inches	10 $\frac{1}{2}$	11	11 $\frac{3}{4}$
Pints	12	15 $\frac{1}{2}$	18 $\frac{1}{2}$



SAUCEPANS,
Lipped, with Covers.

c/m	10	12	14	16	18	20	22
Inches	3 $\frac{7}{8}$	4 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$	7 $\frac{1}{4}$	8	8 $\frac{3}{4}$
Pints	$\frac{3}{4}$	1	1 $\frac{1}{4}$	2 $\frac{1}{4}$	3 $\frac{1}{4}$	4 $\frac{1}{4}$	6



SAUCEPANS, MILK, With Lining

c/m	12	14	16	18
Lining—Pints	1 $\frac{1}{2}$	2 $\frac{1}{4}$	3 $\frac{1}{4}$	



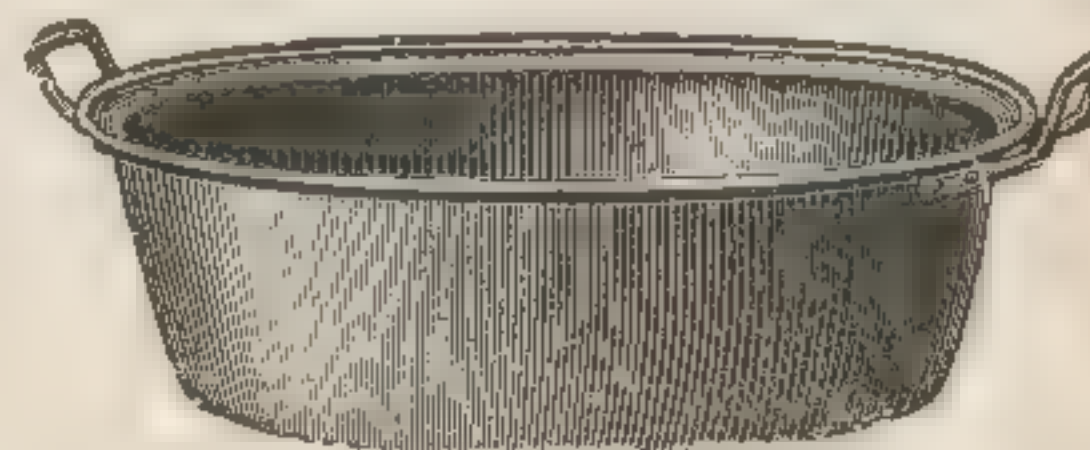
SAUCEPANS, Bellied, with Covers.

c/m	10	12	14	16	18	20	22	24
Inches	3 $\frac{7}{8}$	4 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$	7 $\frac{1}{4}$	8	8 $\frac{3}{4}$	9 $\frac{1}{2}$
Pints	$\frac{7}{8}$	1 $\frac{3}{4}$	3	4	6	8 $\frac{1}{2}$	11	15



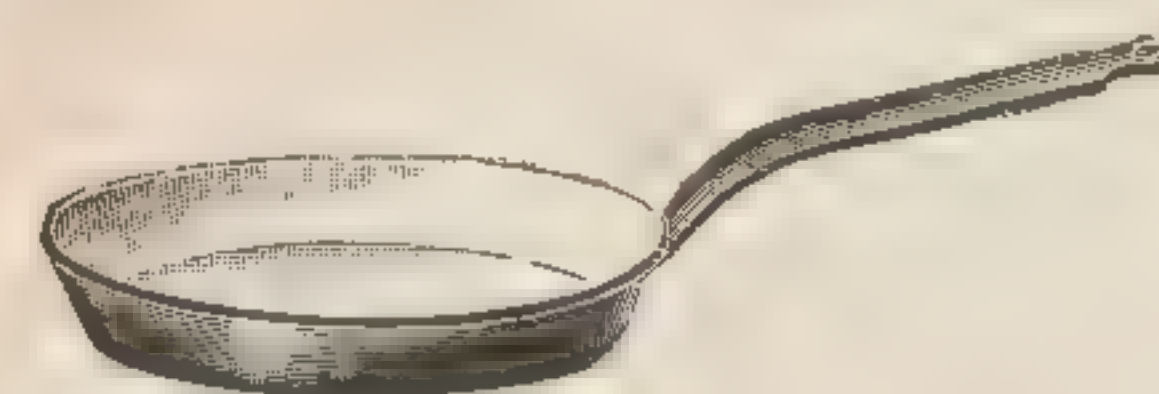
PANS, MILK.

c/m	40	45	50	55	60
Inches	15 $\frac{3}{4}$	18	19 $\frac{3}{4}$	21 $\frac{1}{2}$	23 $\frac{3}{4}$



PRESERVING PANS,
Side Handles.

c/m	33	36	38
Inches	12 $\frac{3}{4}$	14 $\frac{1}{4}$	15



PANS, FRY.

c/m	16	18	20	22	24	26	28
Inches	6 $\frac{1}{4}$	7 $\frac{1}{4}$	8	8 $\frac{3}{4}$	9 $\frac{1}{2}$	10 $\frac{1}{4}$	11

c/m	30	32
Inches	11 $\frac{3}{4}$	12 $\frac{1}{2}$



SPITTOONS.

c/m	21
Inches	8 $\frac{1}{4}$

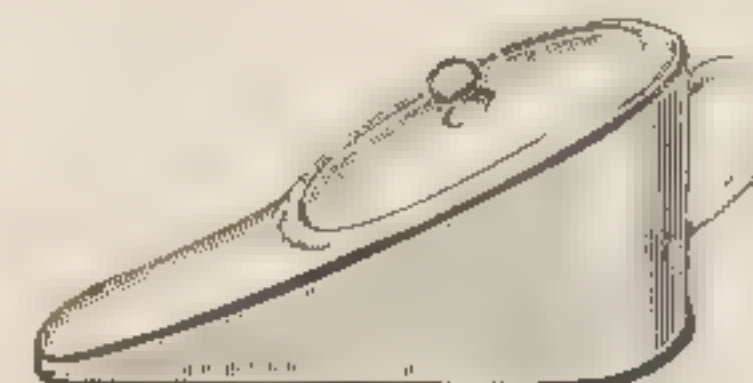


Male.



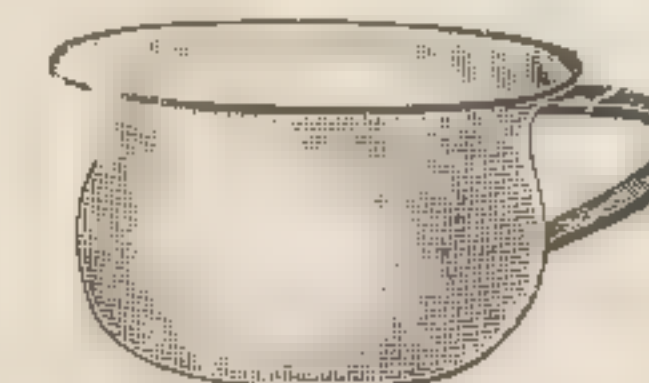
Female.

URINALS.



PANS, BED, SLIPPER.

c/m	30	35
Inches	11 $\frac{1}{2}$	13 $\frac{3}{4}$

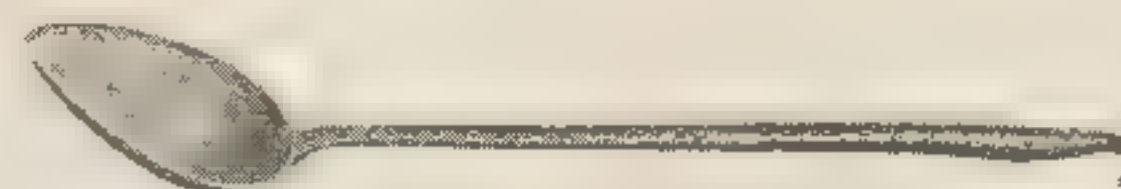


CHAMBERS.

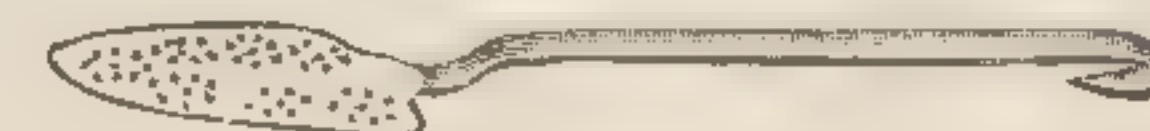
c/m	18	20	22	24	26
Inches	7 $\frac{1}{4}$	8	8 $\frac{3}{4}$	9 $\frac{1}{2}$	10 $\frac{1}{4}$



COMMODE PANS.
18 to 24 c/m.



SPOONS, BASTING.
Inches, 10, 12, 14, 16.
SPOONS, TABLE.



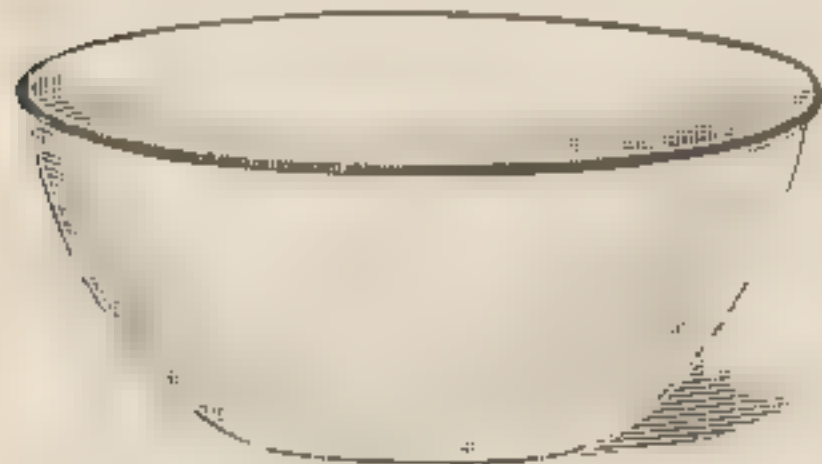
SLICERS, FISH.
Do. EGG.

Enamelled Hollow-ware -Continued.



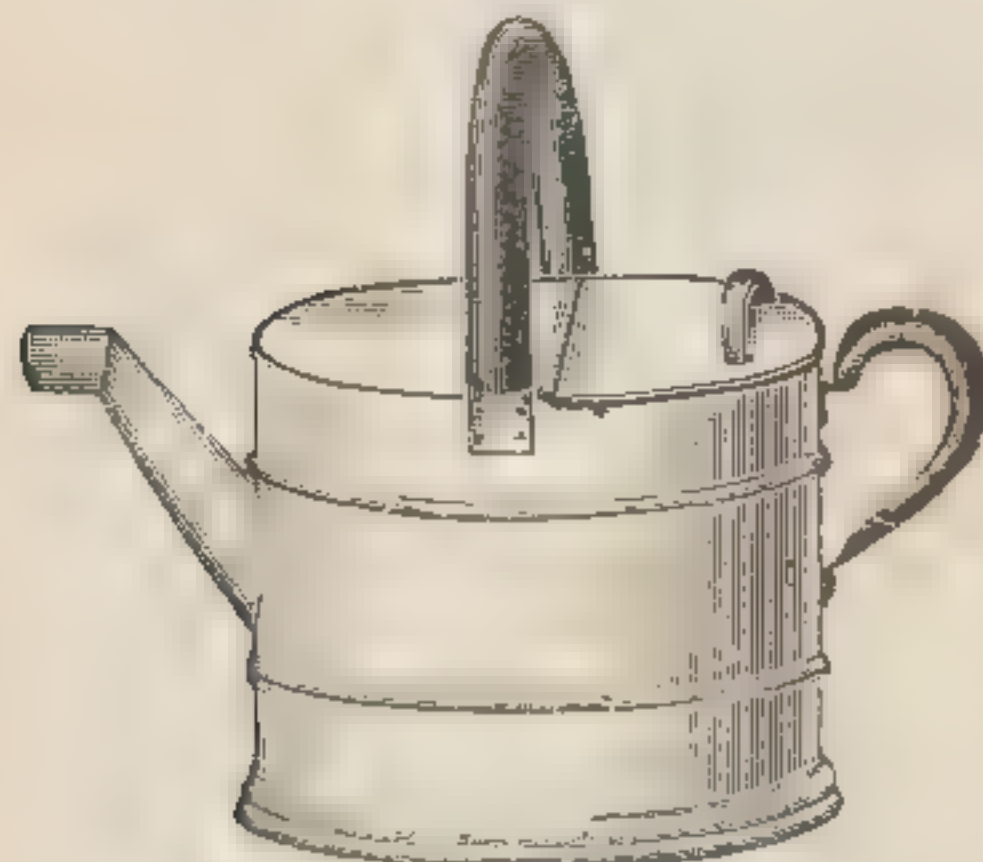
BASINS, ROUND, EXTRA DEEP.

c/m	26	28	30	32	34	36	38	40
Inches	10½	11	11½	12½	13½	14½	15	15½



BOWLS, CASH.

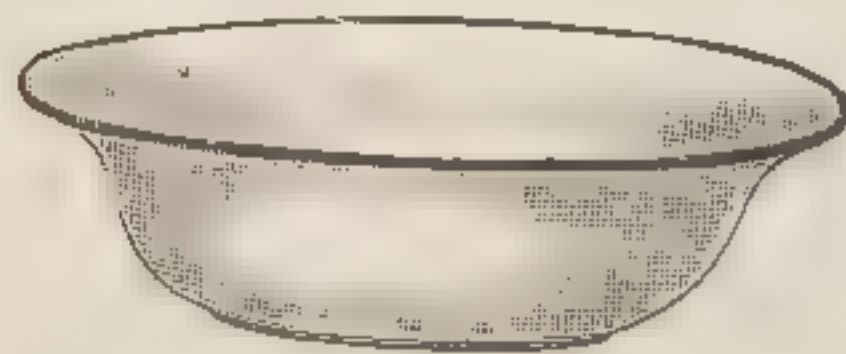
c/m	8	10	12	14	16	18	20
Inches	3½	4	4½	5½	6½	7½	8
Pints	¼	½	1	1½	2	2½	2½
c/m	22		24		26		
Inches	8½		9½		10½		
Pints	3½		5		6½		



CANS, TOILET.

4, 6, 8, 12 quart.

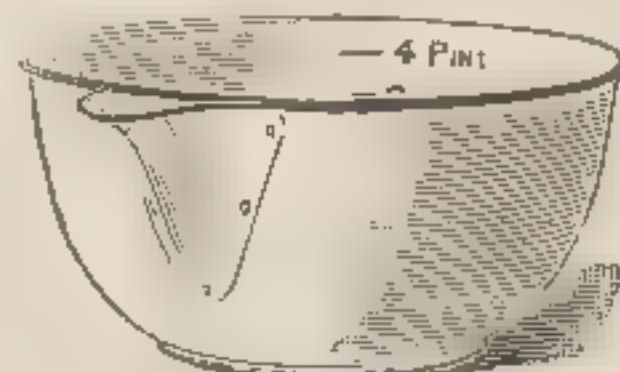
CANS, HOT WATER.
4 pint.



BASINS, ROUND.

c/m	24	26	28	30	32	34	36
Inches	9½	10½	11	11½	12½	13½	14½

c/m	38	40	45	50
Inches	15	15½	17½	19½



BOWLS, GRADUATED.
Marked Inside.
4 pints down.



"KLENA" PUDDING MOULD
5½, 6½, 7½ inches.



EWERS.

NO 247 c/m	13	15	17	20
Diameter of				
body—Inches	5½	6½	6½	8
Pints	3½	4½	7	10½



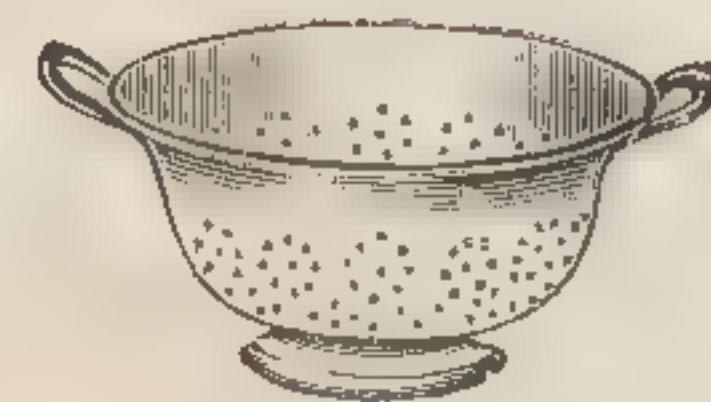
BASINS, SUGAR.

c/m	10	12	14
Inches	4	4½	5½

c/m	8	10	12	14	16	20
Inches	3½	4	4½	5½	6½	■

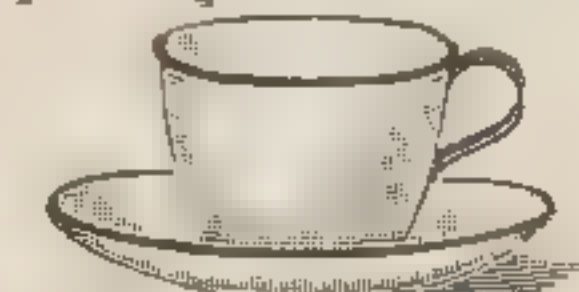


FUNNELS.



COLANDERS.

c/m	20	22	24	26	28	30	32
Inches	8	8½	9½	10½	11	11½	12½



CUPS AND SAUCERS.
c/m 8 9 10
Inches 3½ 3½ 4



CUPS, EGG.

BOWLS, PUDDING, Crockery Pattern.

c/m	10	12	14	16	18	20
Inches	4	4½	5½	6½	7½	8

BOWLS, PUDDING.

c/m	8	9	10	12	14	16	18	20
Inches	3½	3½	4	4½	5½	6½	7½	8



ENAMELLED TOILET SETS.

Also LION and MUG Brand Grey Mottled Ware, in Stewpans, Saucepans, Kettles and Teapots, Fancy Enamelled Teapots, Jugs, Cups and Saucers, etc., etc.

Quotations given for all classes Enamelled and other Advertising Signs.



TRIPOD WASHSTAND.

Enamelled Fittings.
Japanned Oak Fittings.
Also, Square Shape,
and Collapsible Oblong
Stands only, to suit
32 c/m Basins.

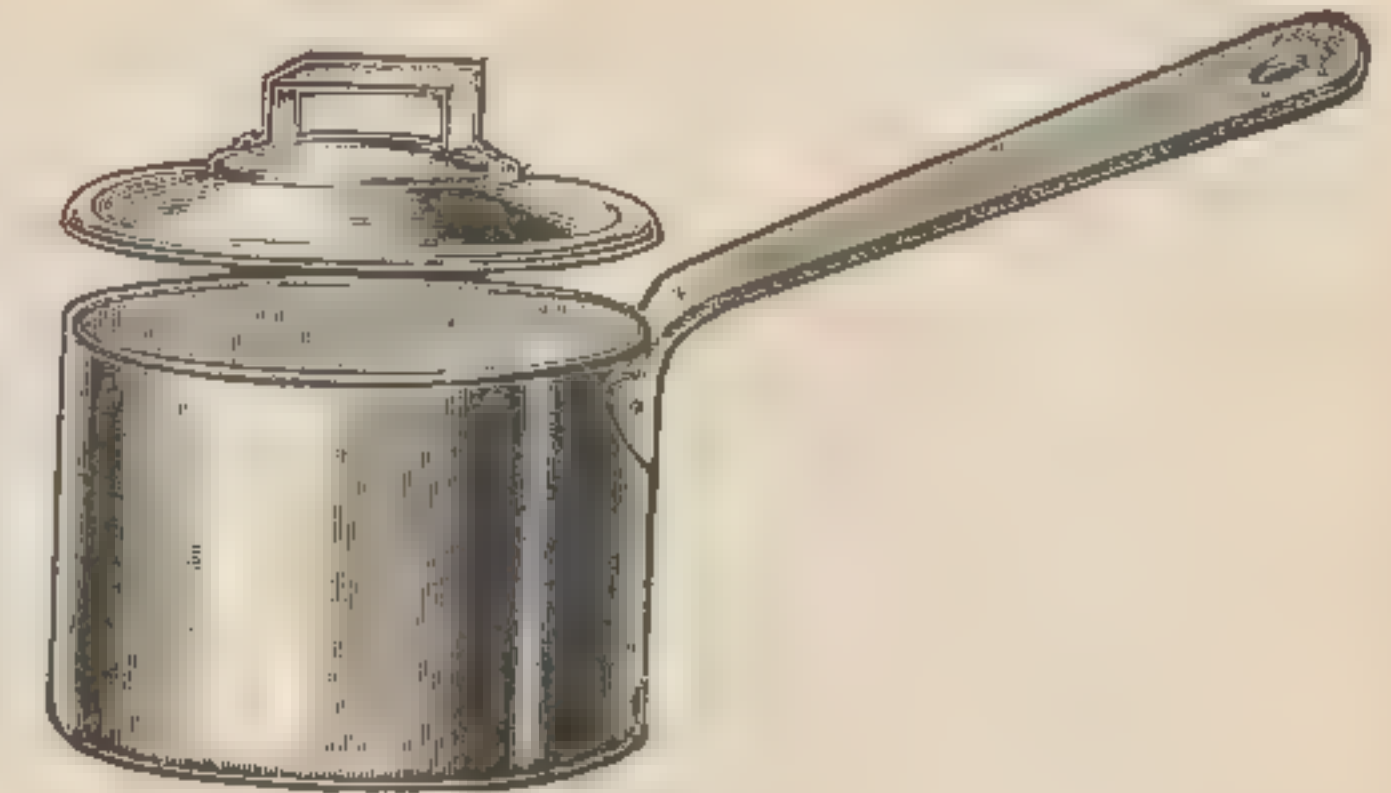
Aluminium Ware.



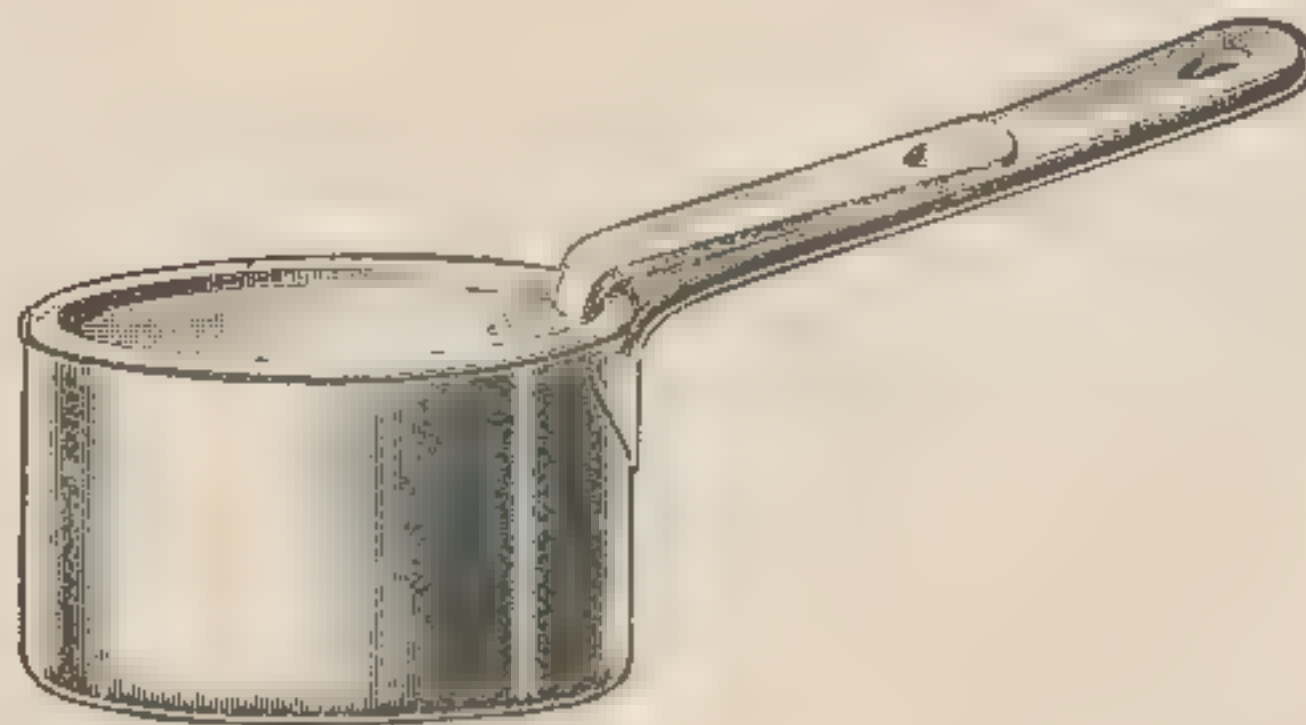
BELLIED SAUCEPAN.
2, 3, 4, 6, 8, 10 pints.



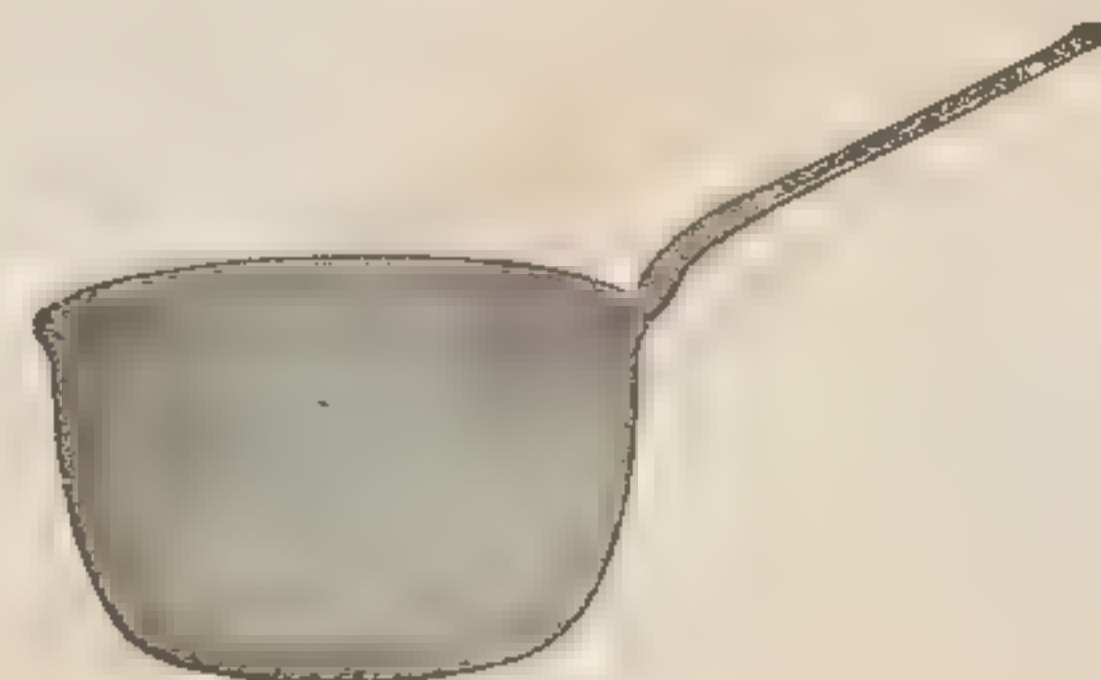
SAUCEPAN, 3, 4, 6 pints.
WITH LINING. 2, 3, 4 pints.



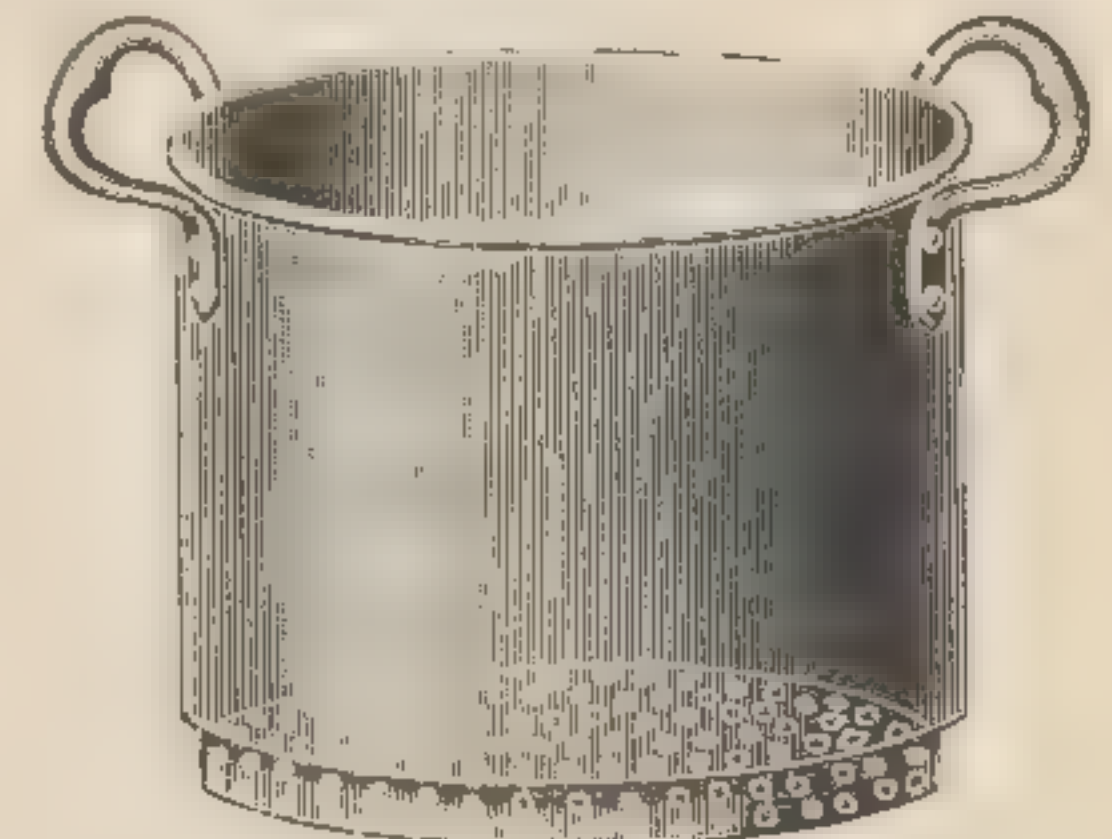
STRAIGHT DEEP SAUCEPAN.
2, 3, 4, 6, 8, 10, 12 pints.



STEWPAN.
1, 1½, 3½, 4½, 5, 6, 10 pints



LIPPED SAUCEPAN.
1, 1½, 2 quarts.



STEAMERS,
For 6 and 8 pint Saucepans.



EBONY HANDLE KETTLE. No. 1.
2, 3, 4, 5, 6 pints.



KETTLE. No. 2.
2, 3, 4, 5, 6 pints.

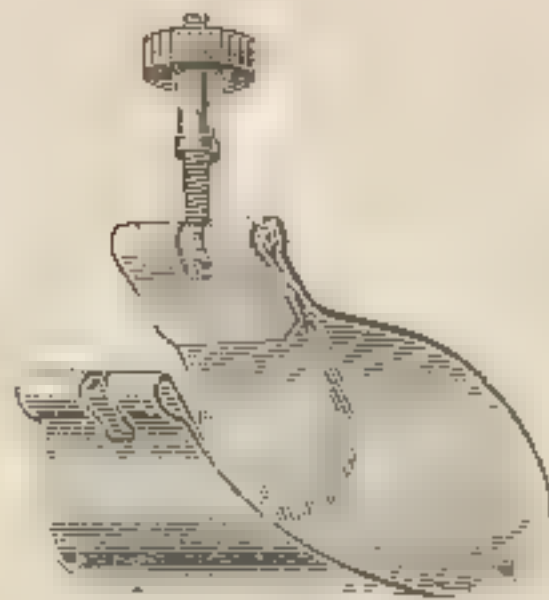


EBONY HANDLE KETTLE. No. 3.
3, 4 pints.
or Hot Water Can.

Aluminium Ware, Etc.—Continued.



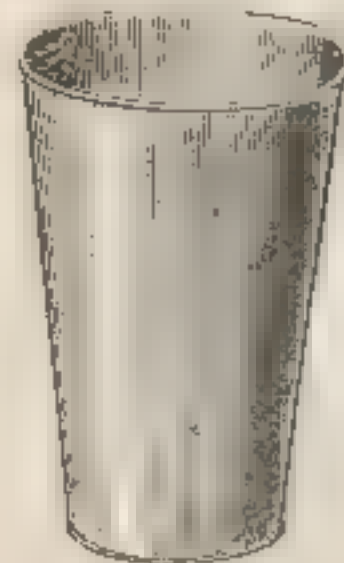
PEPPER AND SALT.



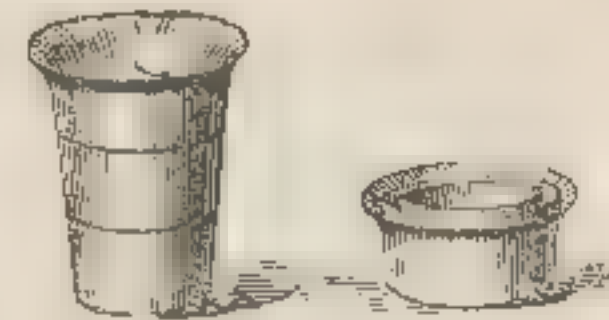
SPOUT MENDER.



LIQUOR MIXER.



SQUASH SHAKER.



ALUMINIUM COLLAPSIBLE
DRINKING CUP.



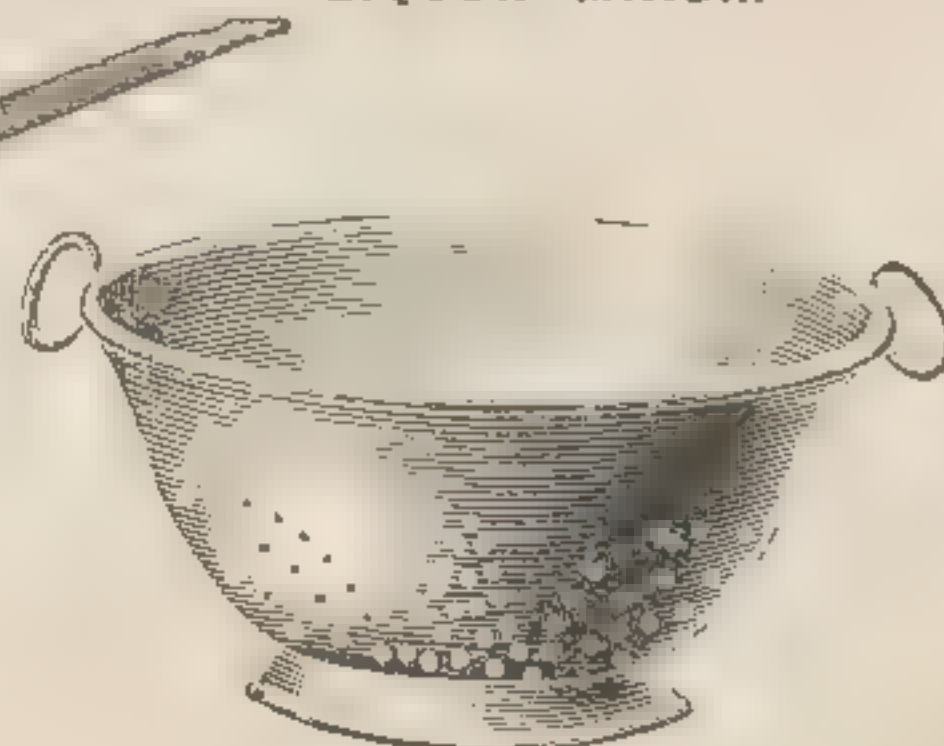
LEMON RUB.



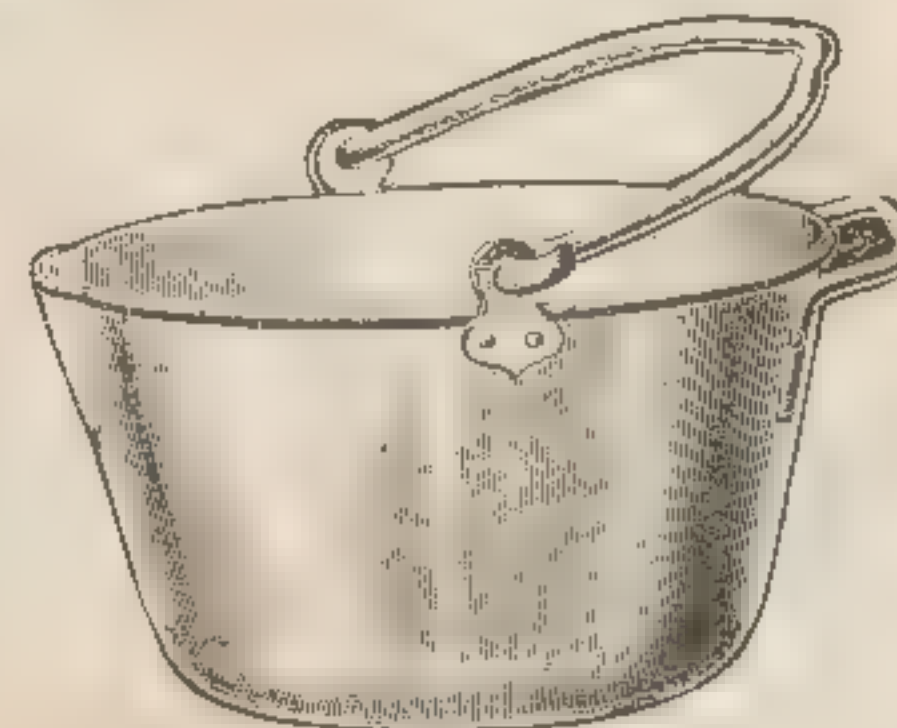
FUNNEL.



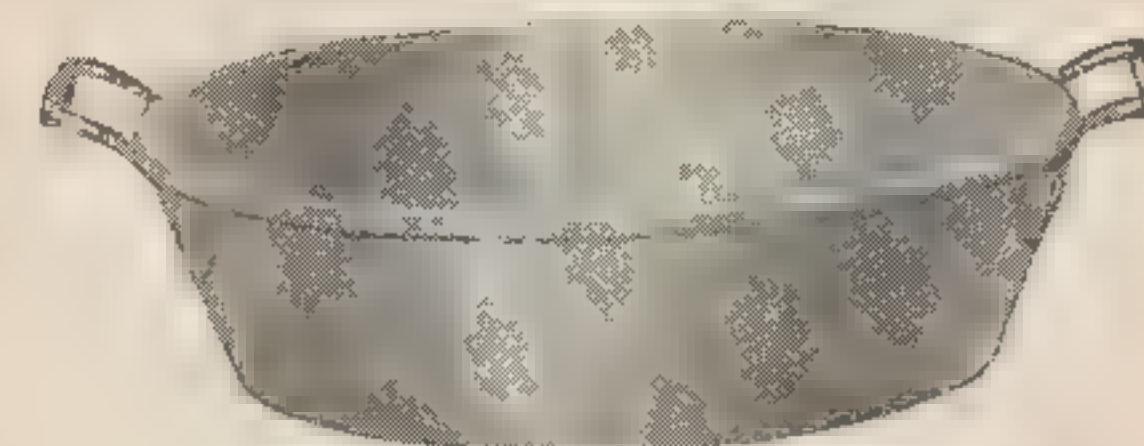
FRYPAN.
8, 9, 10, 12 inch.



COLANDER.
9, 10, 11 inch.



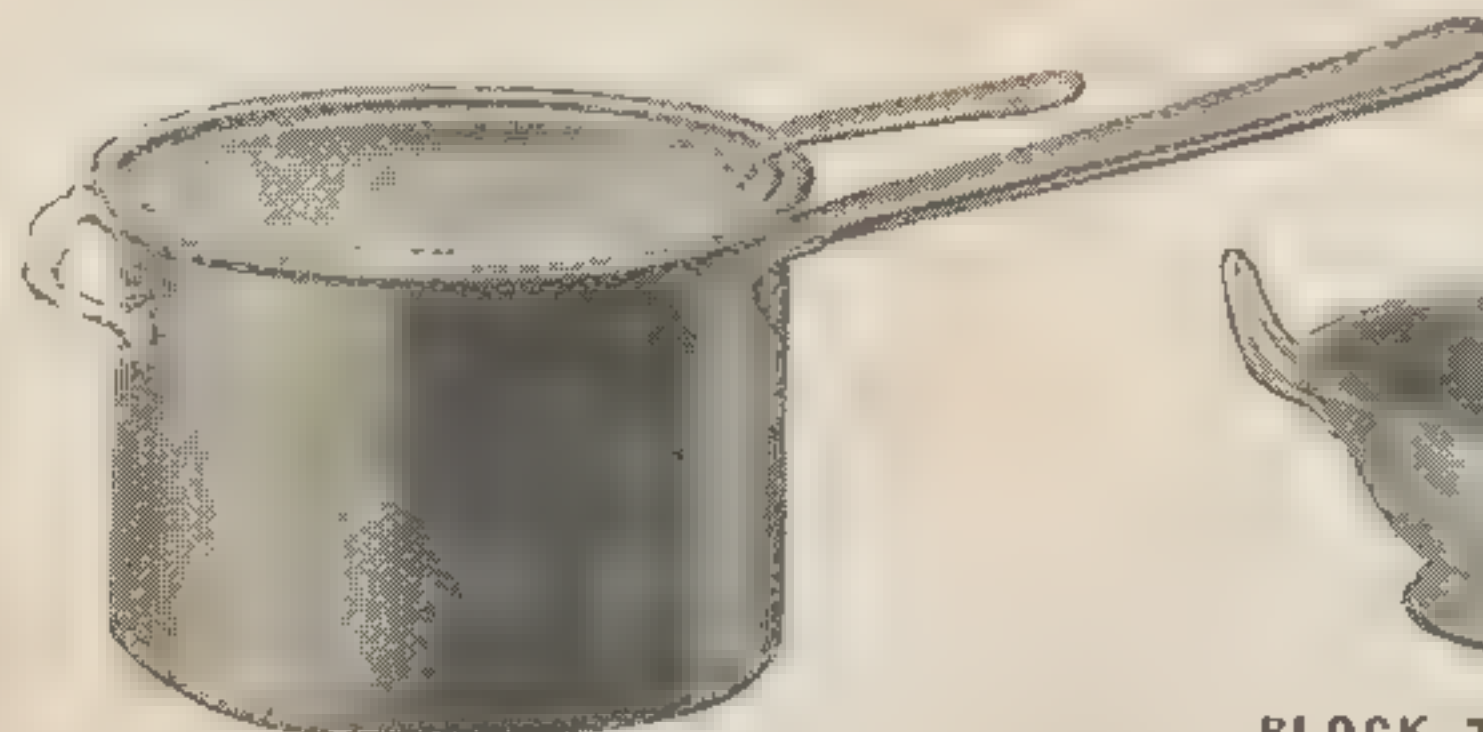
MASLIN KETTLE.
8, 10, 12, 16 quarts



ALUMINIUM PRESERVING PAN.
12, 14, 16, 18 inch.



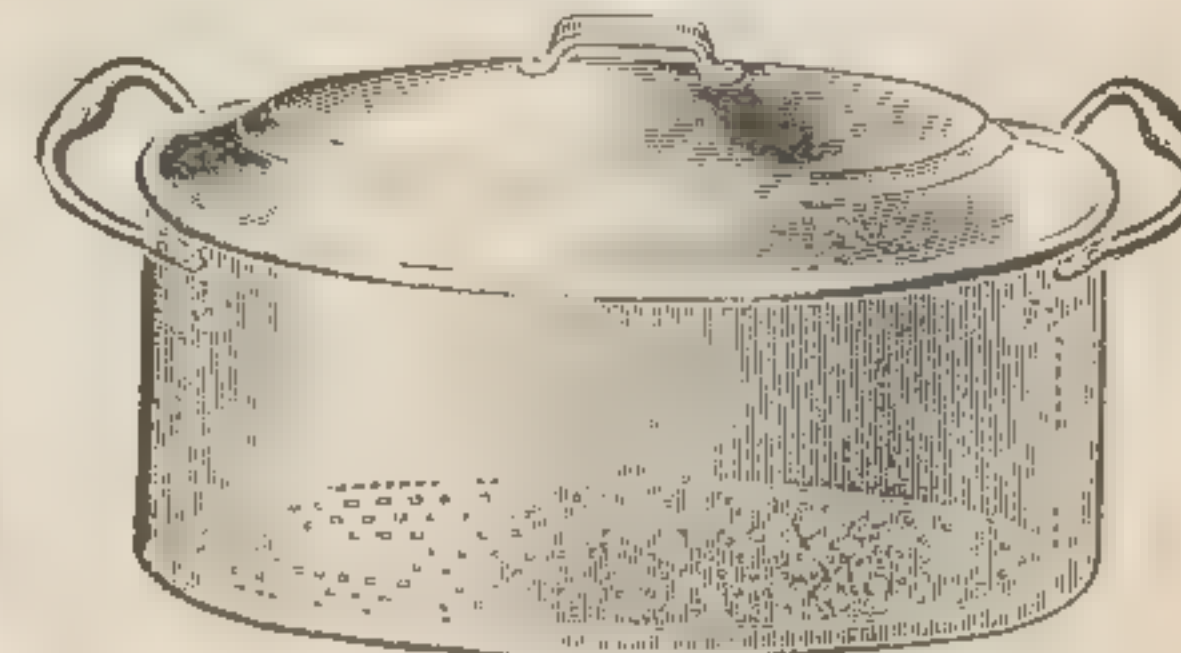
EXTRA HEAVY BRIGHT STEEL
STEWPAN
4, 6, 8, 12, 16, 20, 24 pints.
Side Handles.



EXTRA HEAVY BRIGHT STEEL STEWPAN.
4, 6, 8, 12, 16, 20, 24 pints.
Long Handle



BLOCK TIN COLANDER.
9, 10, 11, 12, 13 inch



BLOCK TIN FISH KETTLES.
15, 17, 19, 21 inch.



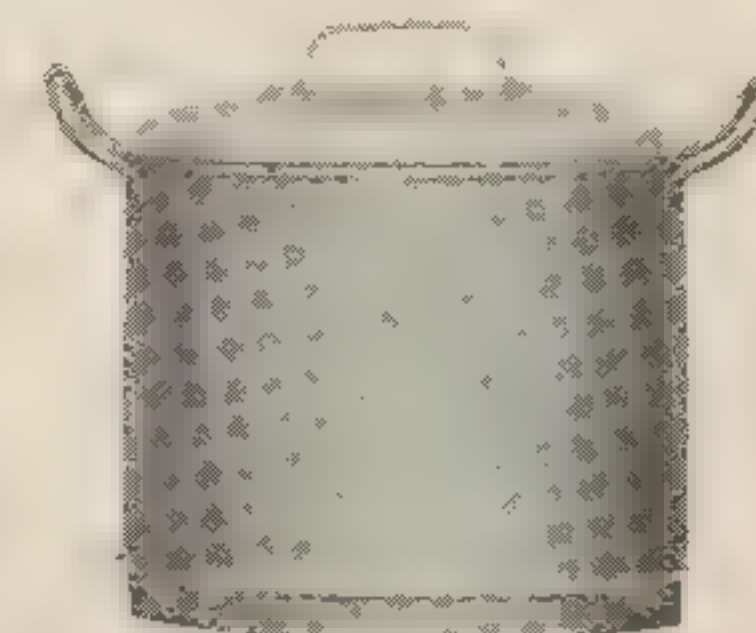
TINNED BASIN.
11, 12, 13, 14, 15, 16, 18, 20 inch.



RE-TINNED BASIN.
11, 12, 13, 14, 15, 16, 18, 20 inch.

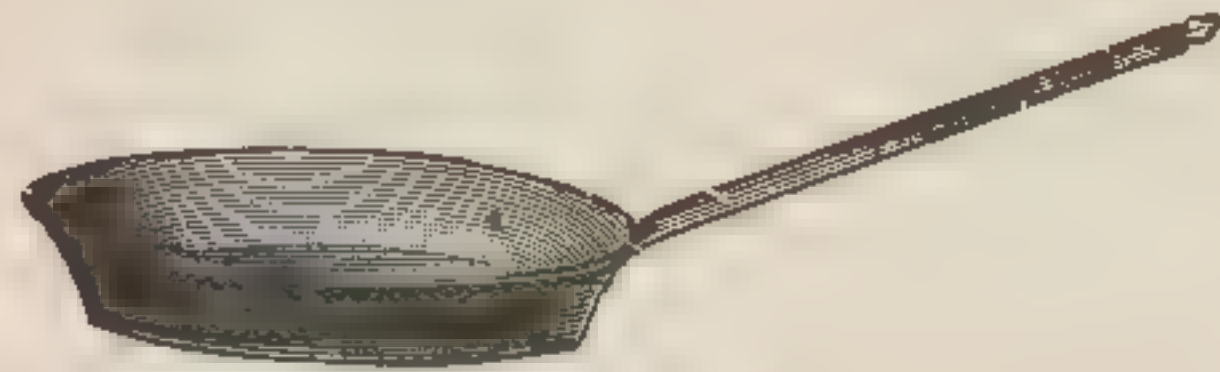


BLOCK TIN SOUP TUREEN.
11, 12, 13 inch.

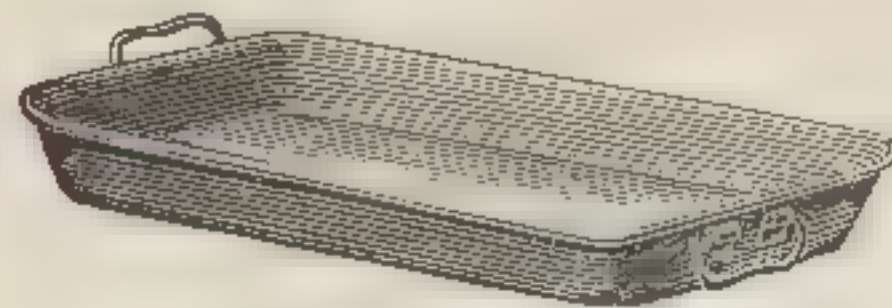


SAUCEPAN STEAMER.
Tin, to fit Nos. 4, 5, 6, 7,
8, 9, 10, 12.

Pans.



ROUND TINNED FRYPAN. Straight Handle.



OBLONG BAKING PAN.
Tinned. 10, 11, 12, 13, 14, 15, 16, 18, 20 inch.
Also Tinned, Square. 10, 11, 12, 13, 14, 15, 16 inch.



JAPANNED DUST PAN.
Nos. 1, 2, 3.
With and without Cover.



JAPANNED DUST PAN.
Nos. 1, 2, 3.
With Cover.



NICKEL CHAFING DISH.
Various Designs.
Round, 8 to 10 inch.
Oval, 11 to 14 inch.

TINS. Sandwich, Shallow, 9, 10, 11 inch. Sandwich, Deep, 8, 9, 10, 11, 12 inch.
,, Crinkled, 8, 9, 10, 11, 12 inch.

ROUND TINNED FRYPAN. Straight Handle.
14/- 15/- 16/- 18/- 20/6 23/- 26/- 29/- 33/6 37/6 41/6 45/6 48/6 List.
Nos.—0 1 2 3 4 5 6 7 8 9 10 11 12
Size—8½ 9 9½ 10½ 10½ 11½ 11½ 12½ 13 13½ 13½ 14½ 15½ inches across top

ROUND TINNED FRYPAN. Bail Handle.
32 - 35 6 40 - 44 6 48 6 56 63 - 70 - 78 - List.
Nos.—6 7 8 9 10 12 14 16 18
Size—12 12½ 13 13½ 13½ 15½ 16½ 17½ 19 inches across top.



TINNED MILK PAN.
26g. 16, 18, 20, 22, 24 inch.



AM. TINNED DISH PAN.
8 10 14 17 21 30 quarts.
9½ 10 11½ 12½ 14½ 15½ inches across top.



ROUND TINNED FRYPAN.
Bail Handle.



PLAIN DEEP PUFF PANS.
In sets of 6, 9, 12.
CRINKLED Ditto.
SHELL. 9 hole.
SPONGE FINGER. 6, 9, 12 hole.



PATTY PANS
Round, Plain or Crinkled. 3, 3½, 4, 4½ inch.
Oval, " 4, 4½ inch.
TART PANS. 6, 9, 12 inch, Plain and Fancy.



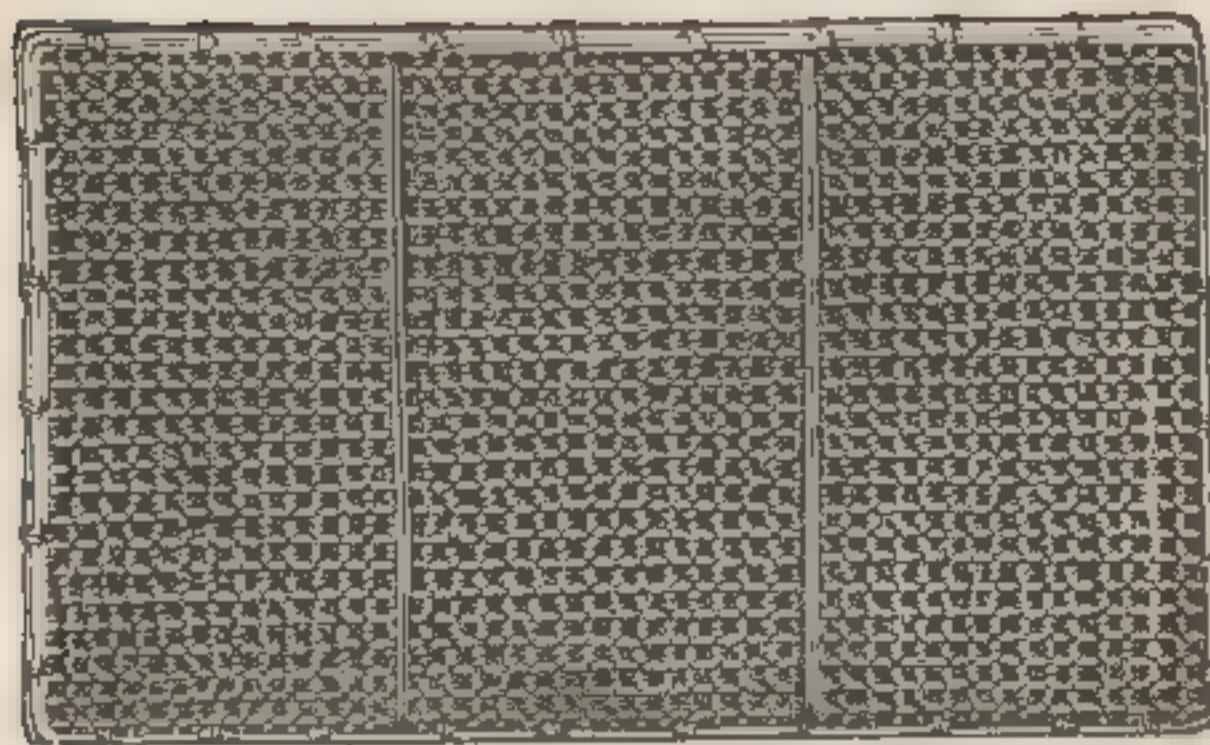
PRINCESS PATTY PANS.
Assorted shapes.

**Goddard's
Plate Powder**

Small. Large.

PIPE CLAY. **PINS,** Larding.
POWDER, Insect and Spreaders.
POLISH. Furniture.—Adam's, Oakley's, and various brands, small, large.
Metal.—Brilliantshine, ¼, ½, 1 pints.
Knife.—Oakley's, and other makes, small and large.

PAPER.—TOILET AND FIXTURES.
PAPERS.—APPLE, LITTLE STAR, WHITE MOUNTAIN, &c.
PASTE.—POLISHING. **NEEDHAM'S**
PEGS.—CLOTHES. American Wood.
" " Spring Metal.
" " Brass Vent.
BUTTER BATS. American, 9 x 3, 10 x 3.
11 x 3½ in. Colonial, Nos. 1, 2, 3.



GALVANIZED WIRE DOOR MATS.
Single Wove, 20 x 12, 23 x 14, 26 x 16, 30 x 18 inch.
Double Wove, 24 x 16, 30 x 18, 36 x 24 inch.

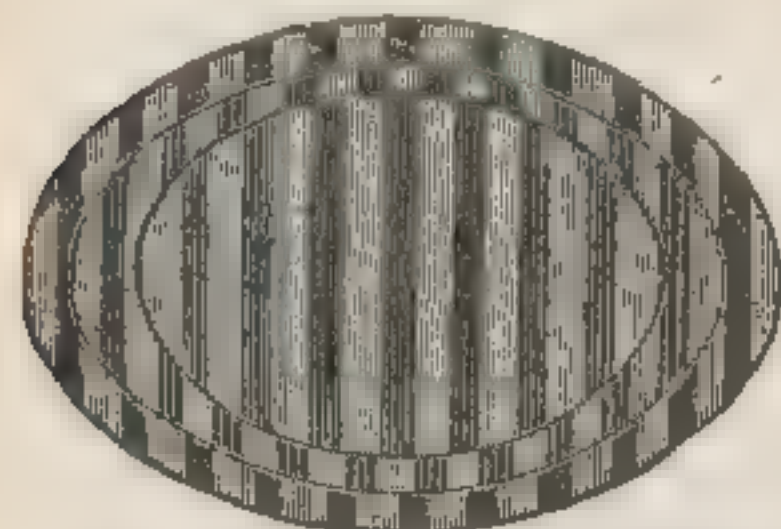
Mats and Kettles.



SKELTON DOOR MAT. Nos. 3, 4, 5, 6.
BRUSH DOOR MATS.
Nos. 1 2 3 4 5 6
Size 24 x 14, 27 x 16, 30 x 18, 33 x 20, 36 x 22, 39 x 24,
Quality L Light M Medium
Nos. 7 8 9
Size 42 x 20, 48 x 20, 48 x 30 in.



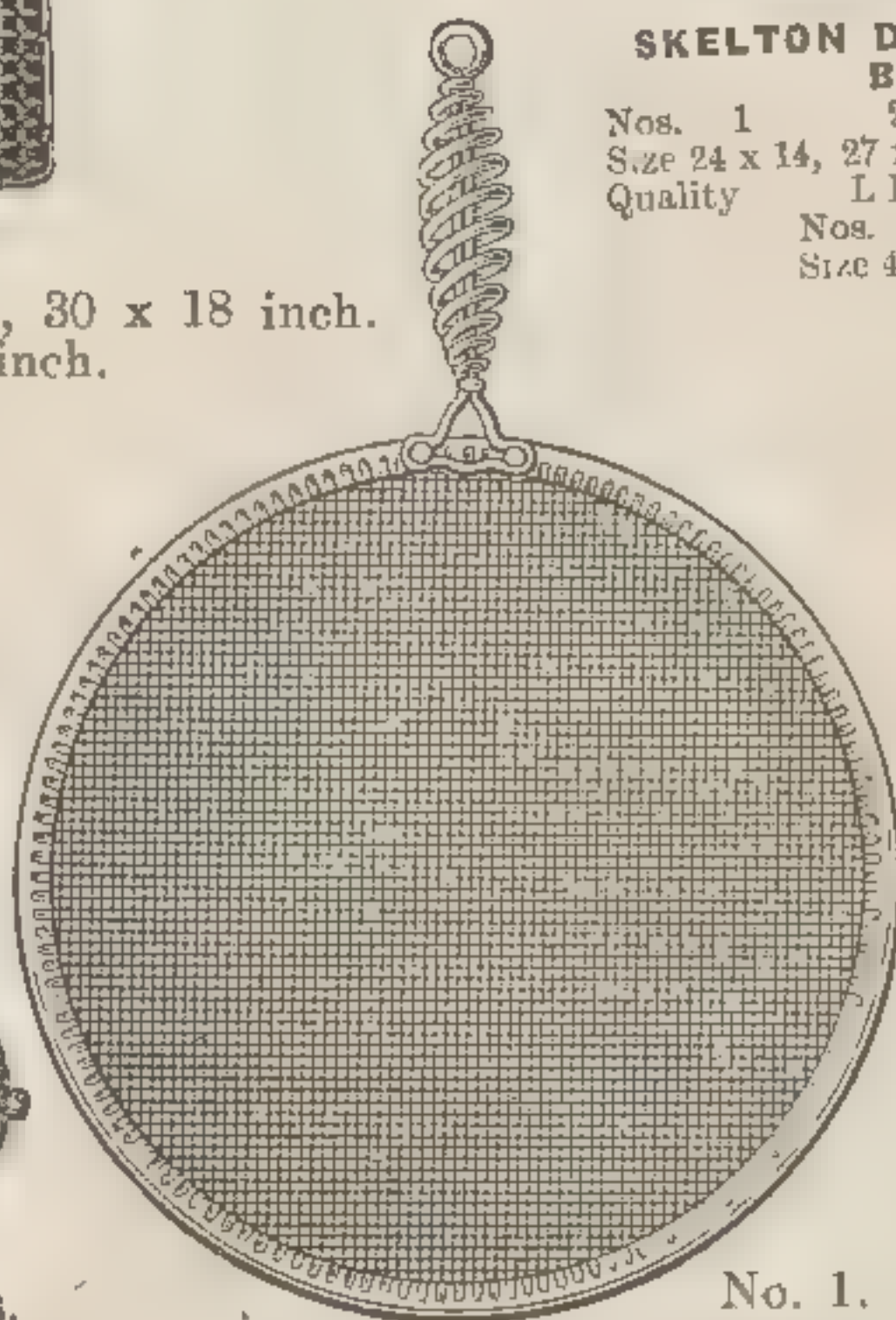
CORK BATHROOM MAT. All Sizes.



FOLDING WOOD TABLE MATS.
In sets of 6.
Oval and Oblong.

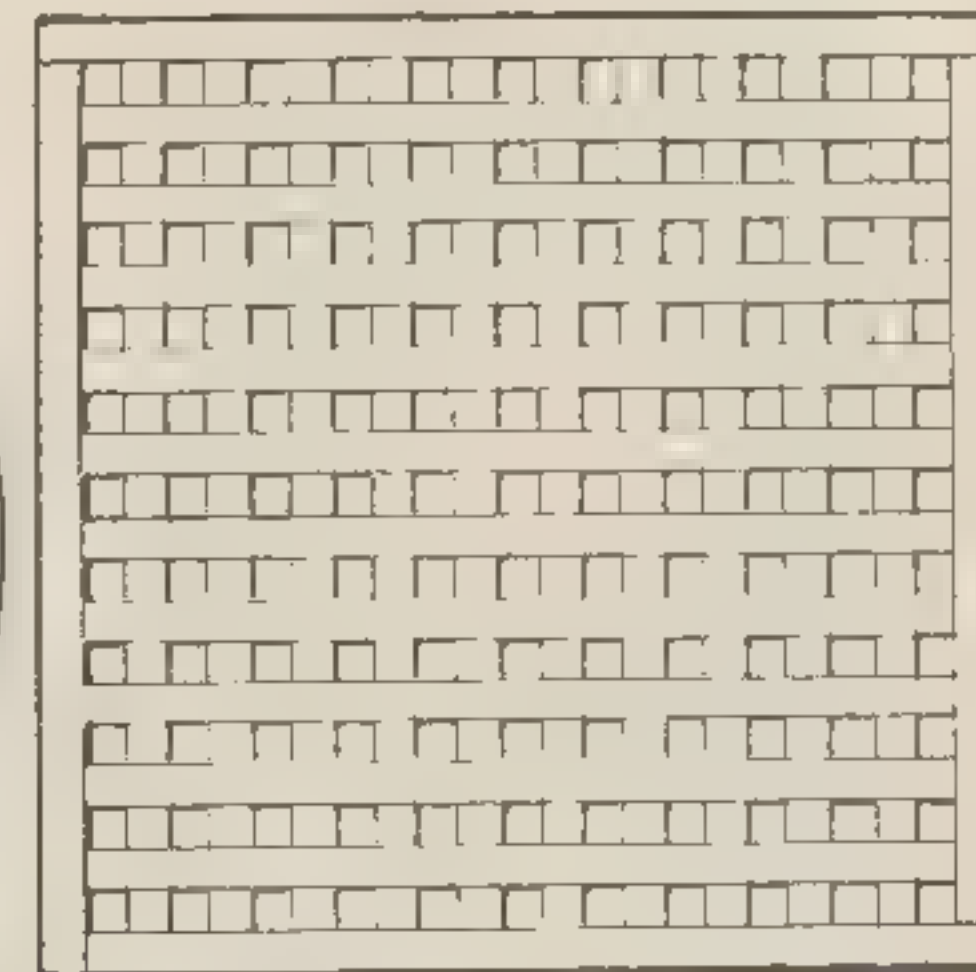
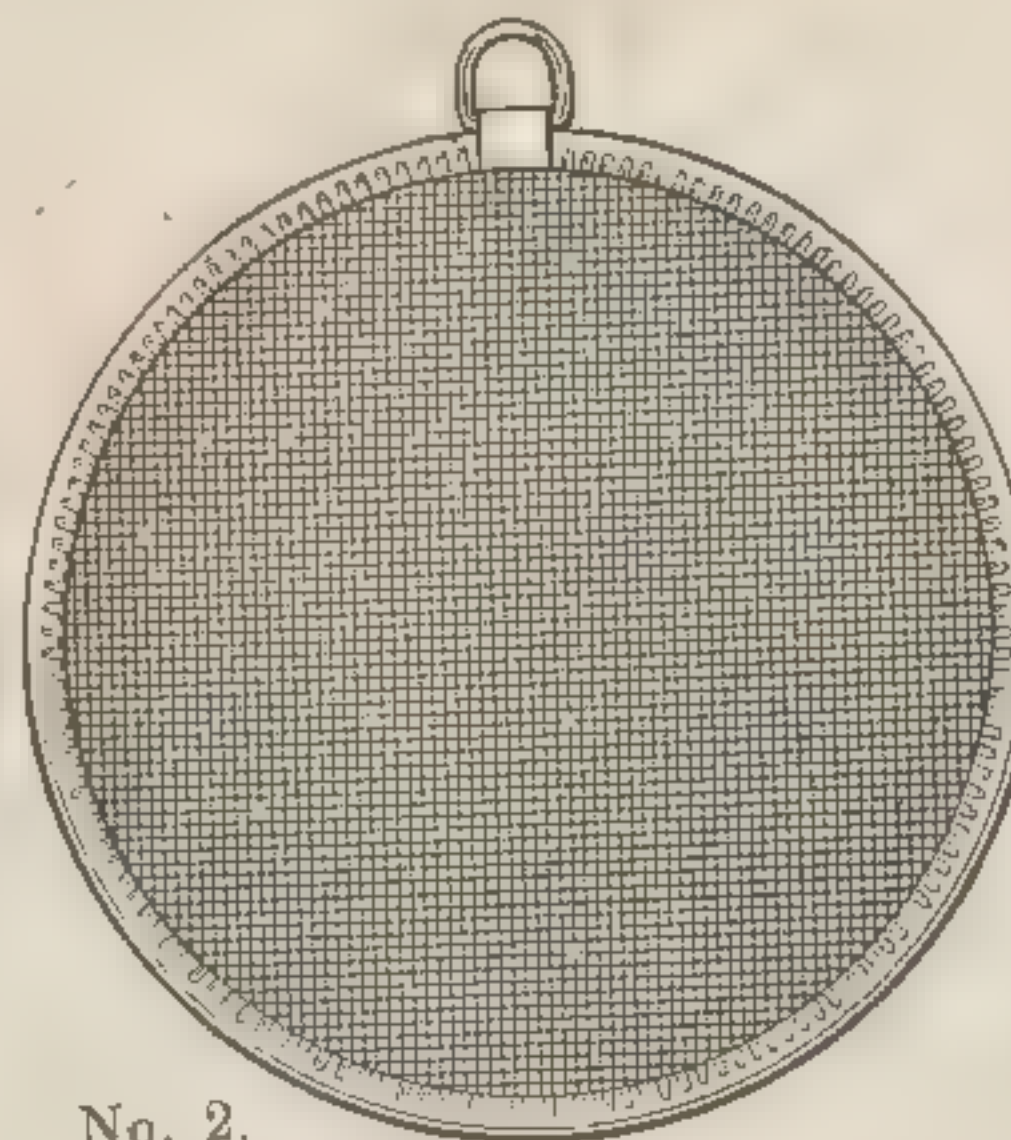


WICKER TABLE MATS.
In sets of 3 and 6.



No. 1. No. 2.

CROWN ASBESTOS STOVE MATS.



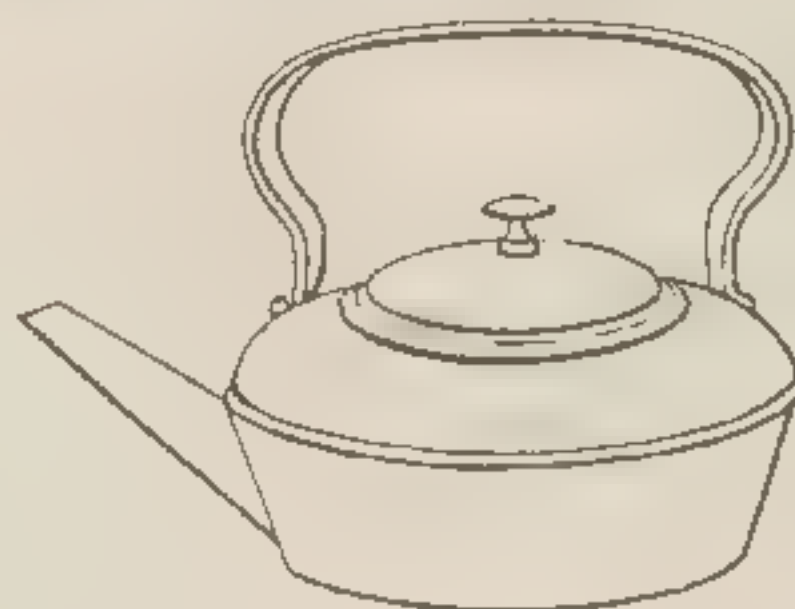
WOOD BATHROOM MAT.
No. 1, 24 x 16. No. 2, 26 x 18.
No. 3, 32 x 20.
Any size to order.



CAFETIERRE.
Block Tin, 3, 4, 6, 8, 10 Cup
„ Nickel Plated, ditto.



STOVE KETTLE.
All Tin, 1, 2, 3, 4 Pints.
Copper Bottom, 2, 3, 4 Pints.
All Copper, 1, 2, 3, 4 Pints.

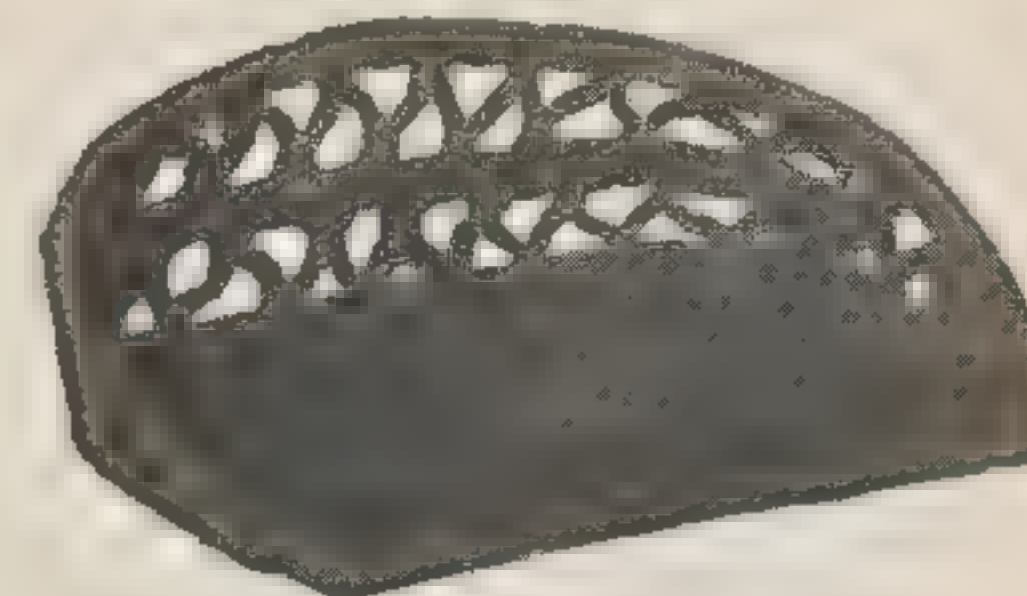


STOVE KETTLE. No. 2.
All Tin, 1, 2, 3, 4, 6, 8, 10 Pints.
Copper Bottom, 2, 3, 4, 6, 8 Pints.



OVAL COPPER KETTLE.
3, 4, 6, 8, 10 Pints.

BRASS TODDY KETTLES. with Crystal Handles, 3, 4, 5, 6 Pints.

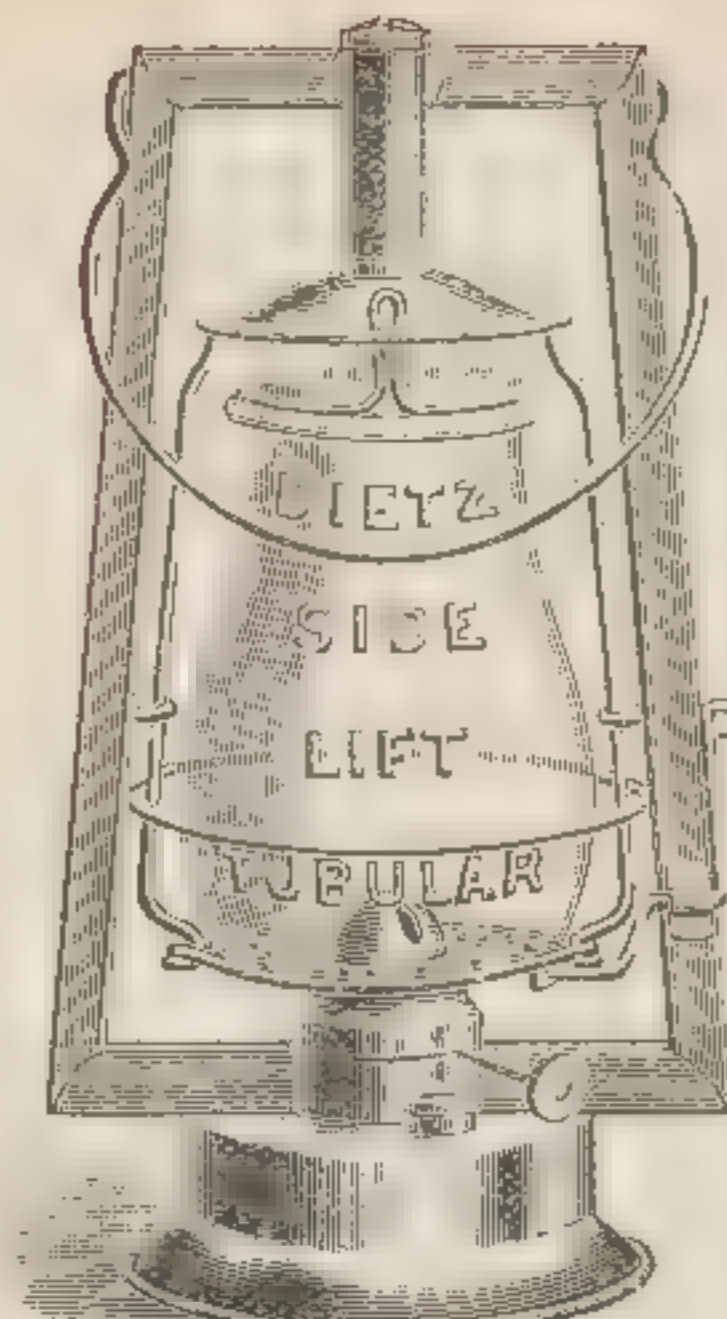


KNEELING MAT. Fibre
Also Japanese Straw ditto

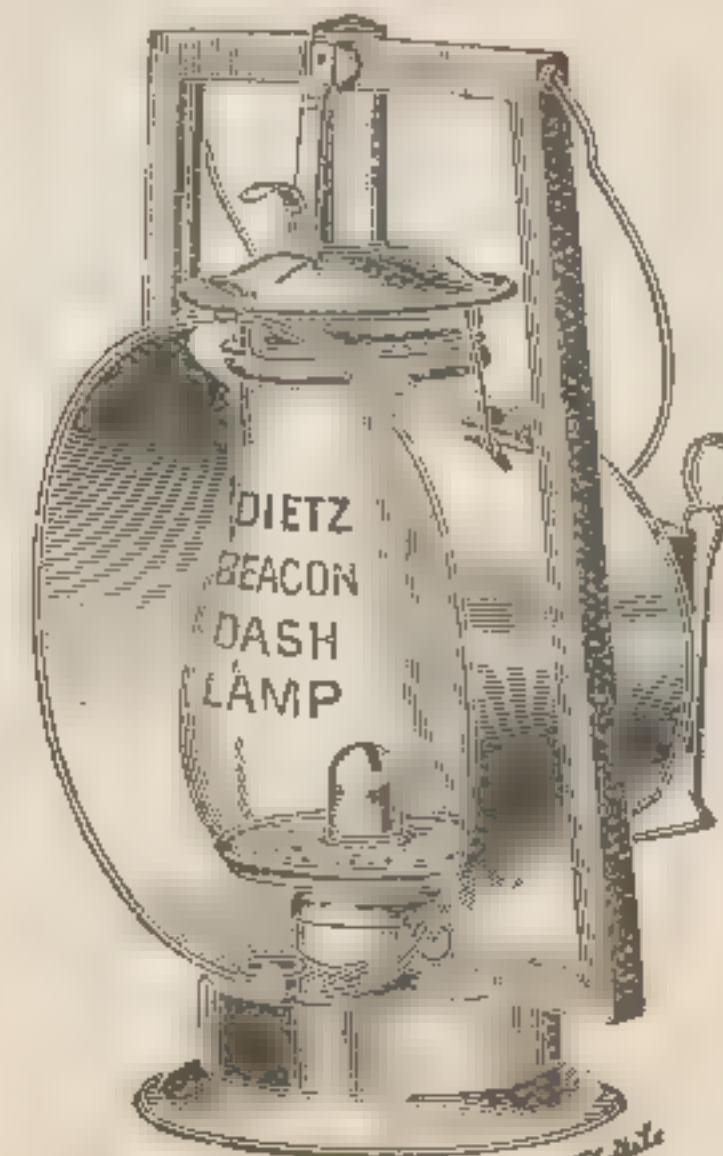
Lanterns.



MILL LANTERN



VICTOR LANTERN.
Tinned,
Bronze Lacquered,
Japanned Red,
All Brass,
And Crystal Font.



DASH LANTERN.



BUCKEYE DASH LANTERN.



SQUARE TUBULAR
LANTERN.
Nos. 1, 2.



SEARCH LANTERN.
Nos. 30, 60.



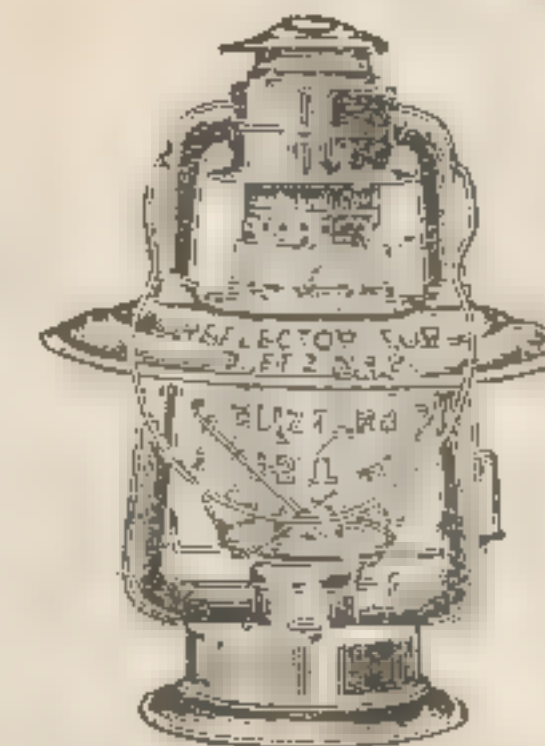
OCTAGON TIN
LANTERN
Nos. 1, 2, 3.



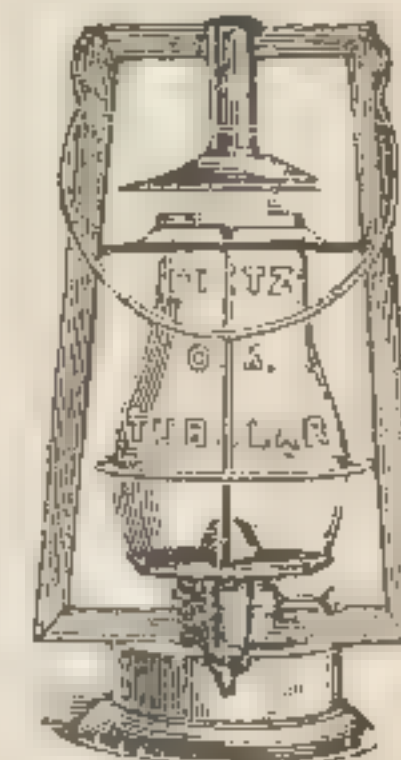
PIONEER HANGING LAMP.
EXTRA GLOBES AND BURNERS
FOR ALL LANTERNS.
GERMAN IMITATION TUBULAR
LANTERNS.



SMALL BRASS
LANTERN.



Blizzard Lantern, with Reflector.
Also, without Reflector.



O.K. TUBULAR LANTERN



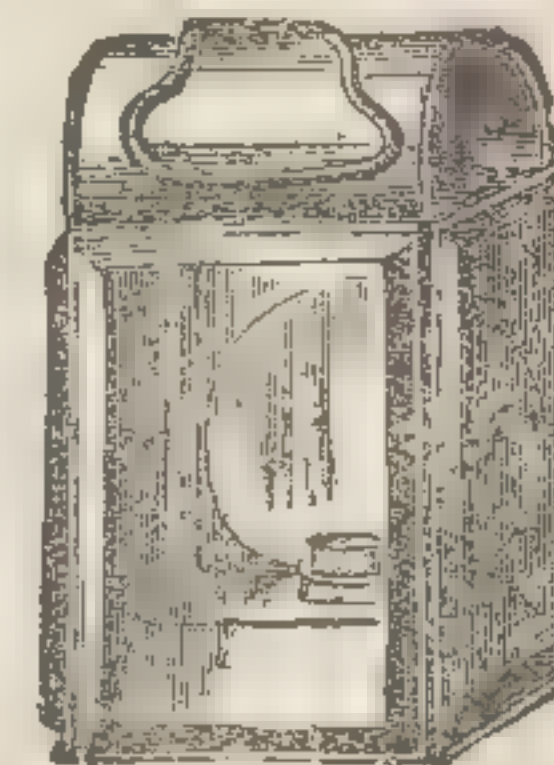
SQUARE TIN
LANTERN.
Nos. 1, 2, 3. Also Cheap Square Lanterns.



TIN LANTERN.

MINER'S LAMPS
and
FLARE LAMPS.

TRICOLOR AND
RAILWAY GUARD'S
LANTERNS.

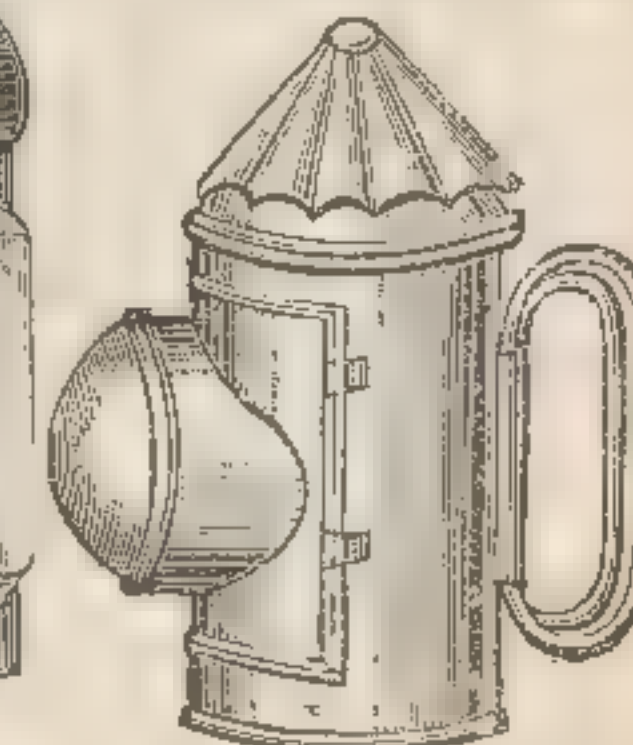


No. 1.

JAPANNED HAND LANTERNS.
For Candle and Oil. Various Sizes and Qualities.



No. 2.



JAPANNED BULL'S EYE
LANTERN. Nos. 1, 2, 3.

Measures, Moulds, Etc.



POTATO MASHERS.

No. 1, Tinned, with Wood Handle.



No. 2. Kenrick's, $3\frac{1}{2} \times 3\frac{1}{2}$ in.,
3. $\times 4\frac{1}{2}$ in.
Imitation ditto, "



PEWTER SPIRIT MEASURE.

1-16, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1,
2 pints.

In sets or separately



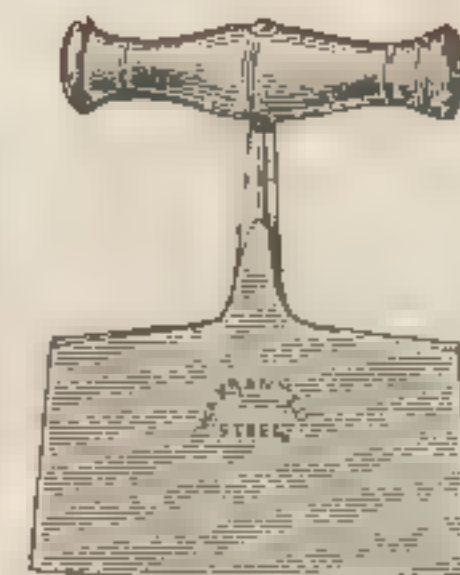
PEWTER ALE MEASURE

$\frac{1}{2}$, 1 pint.

Ditto, with Glass Bottom,
 $\frac{1}{2}$, 1 pint.



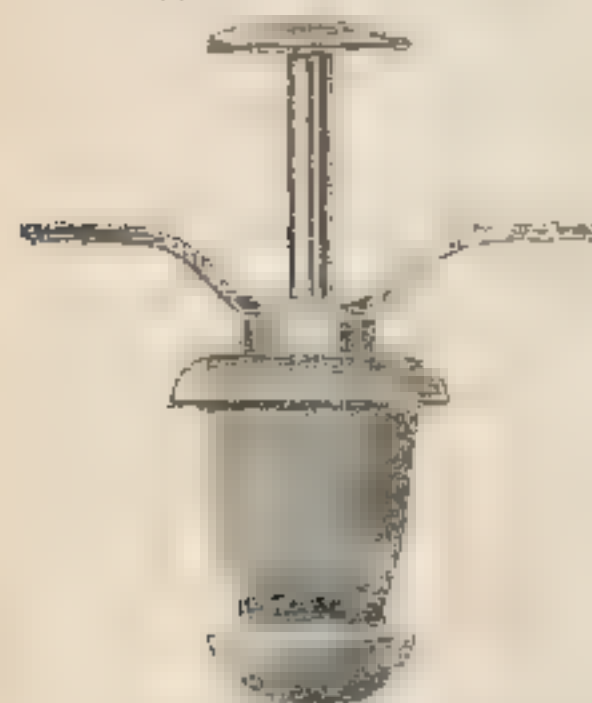
IMPERIAL COPPER MINCING KNIFE.
SPIRIT MEASURE. Square or Round
 $\frac{1}{4}$, $\frac{1}{2}$, 1, 2, 3 gals. Blade.



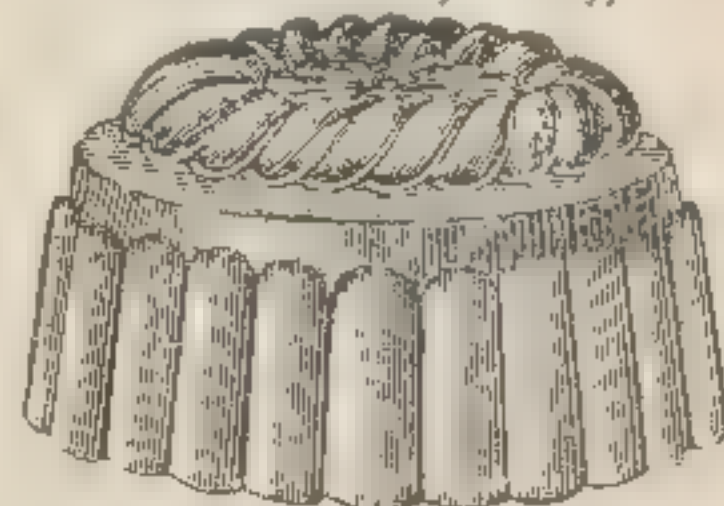
CHAMPAGNE NIPPERS.



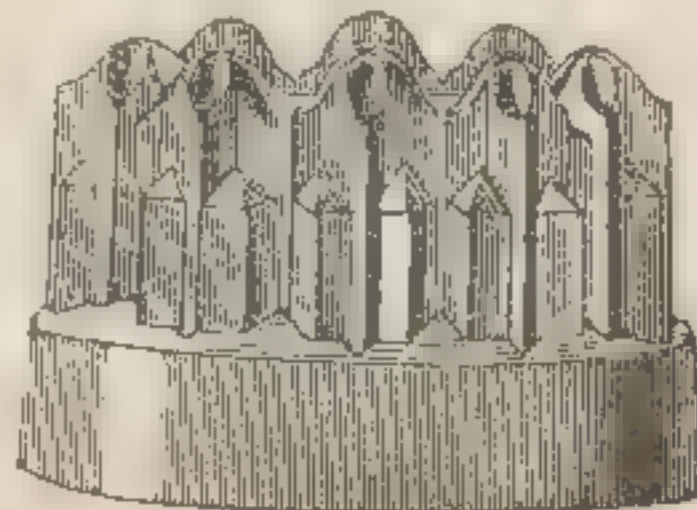
CHAMPAGNE TAP.



"ECLAIR" PATENT BOTTLE STOPPER.



FANCY PATTERN TINNED JELLY MOULD.
1, $1\frac{1}{2}$, 2, 3 pint.



COPPER-TOP JELLY MOULDS.
Various patterns.



TINNED STEEL JELLY MOULD.
Various shapes.

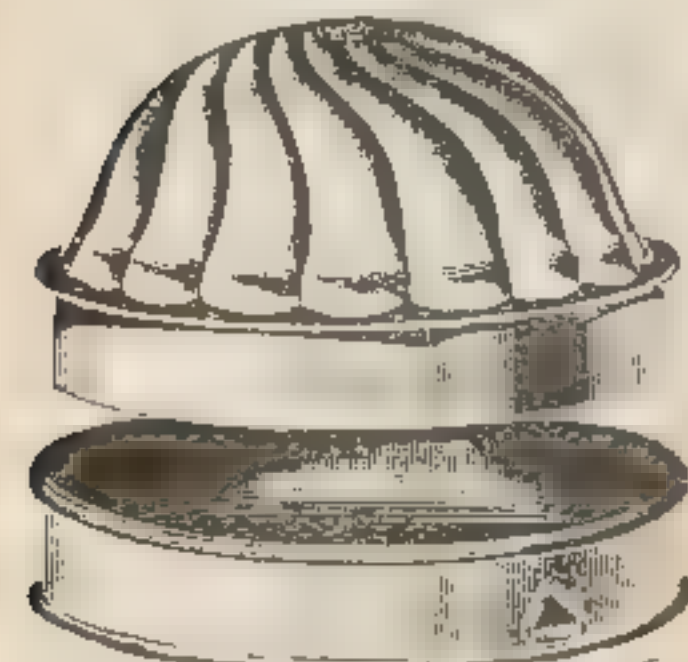


Plain.

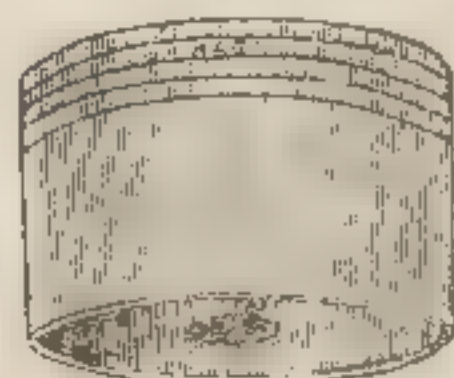


Fluted.

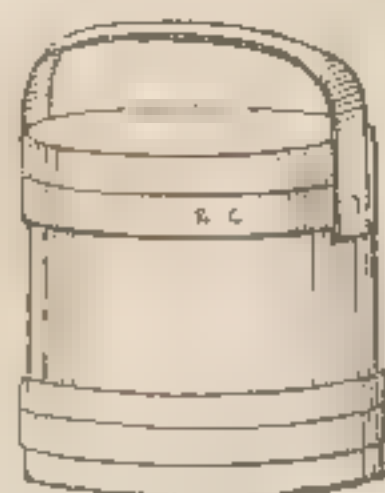
DARREL MOULDS.
Various sizes.



ROUND TINNED PUDDING MOULD. 5, 6, 7, 8 inch.



BOTTLE OPENER.
Hardwood, Box.



AMERICAN WOOD. FLOUR PAIL.
Nos. 1, 2, 3.



THREE LEGGED POT.

1 to 20 gals. Covers for same.

	1	1 1/2	2	3	4	5	6	8	10
Approx. Weight...	4	5	6	10	13	15	18	25	31
	12	14	16	18	20	25	30	40	50
Approx Weight...	39	40	44	51	69	112	128	212	343

CAMP OVEN. 8 to 21 inch.

Extra Lids for ditto.

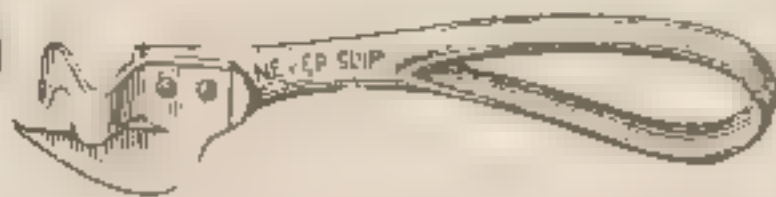
10 12 14 15 16 18 20 22 24 inch.

Approx. Weight

11 14 20 23 28 38 45 75 90 lbs. each.



THE BULL'S HEAD. WOOD PASTRY MARKERS.
1, $1\frac{1}{2}$, $1\frac{1}{2}$ inch.



THE NEVER SLIP.



IMITATION NEVER SLIP. TIN OPENERS. Other Varieties Stocked.

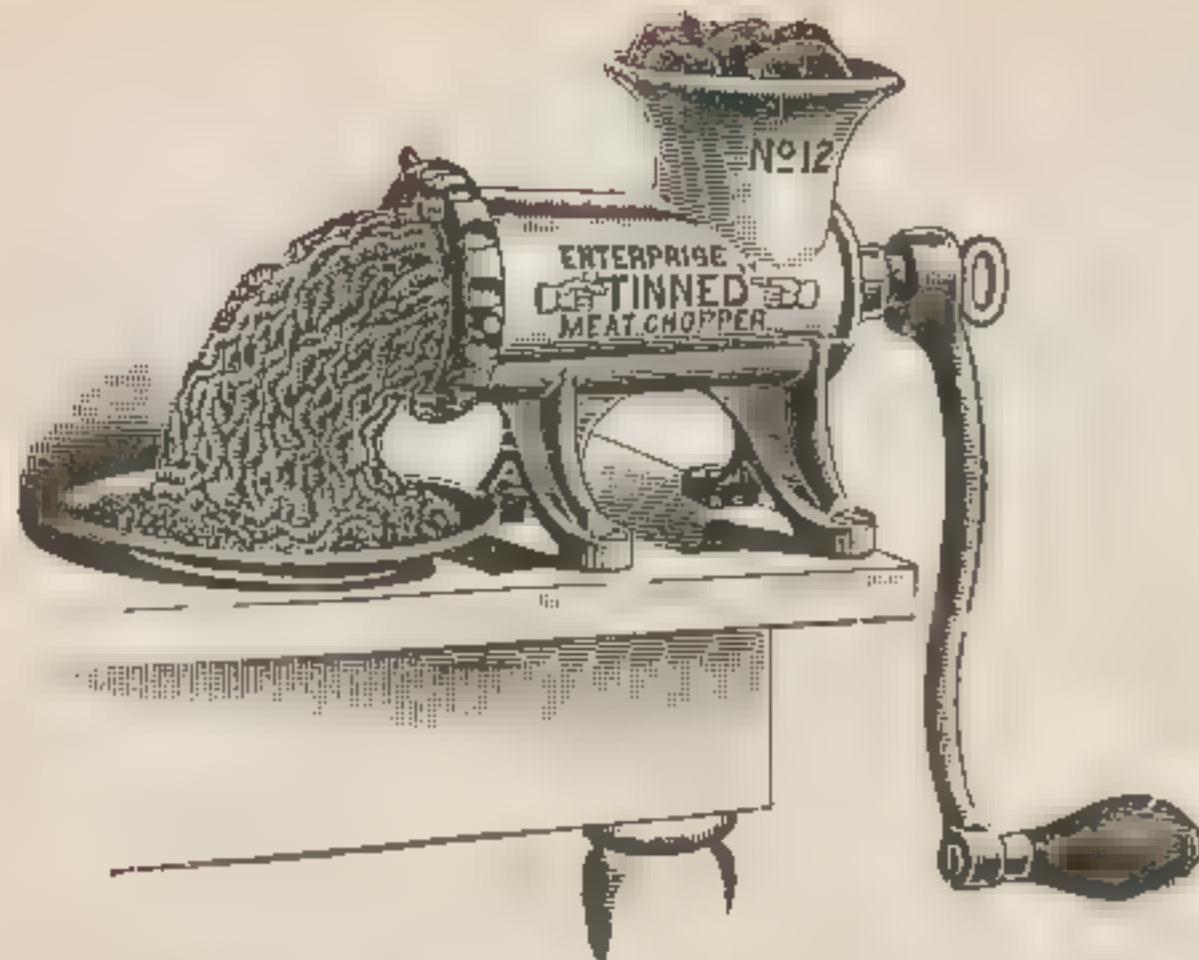


THE KING.

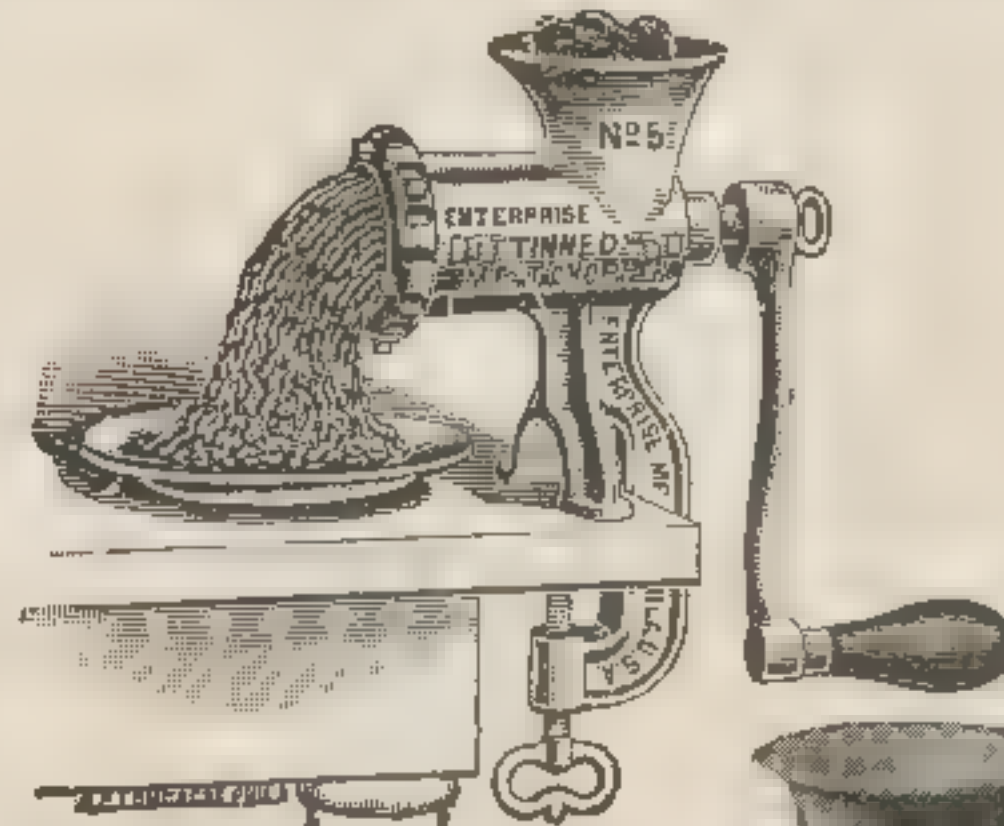


No. 1, 2.

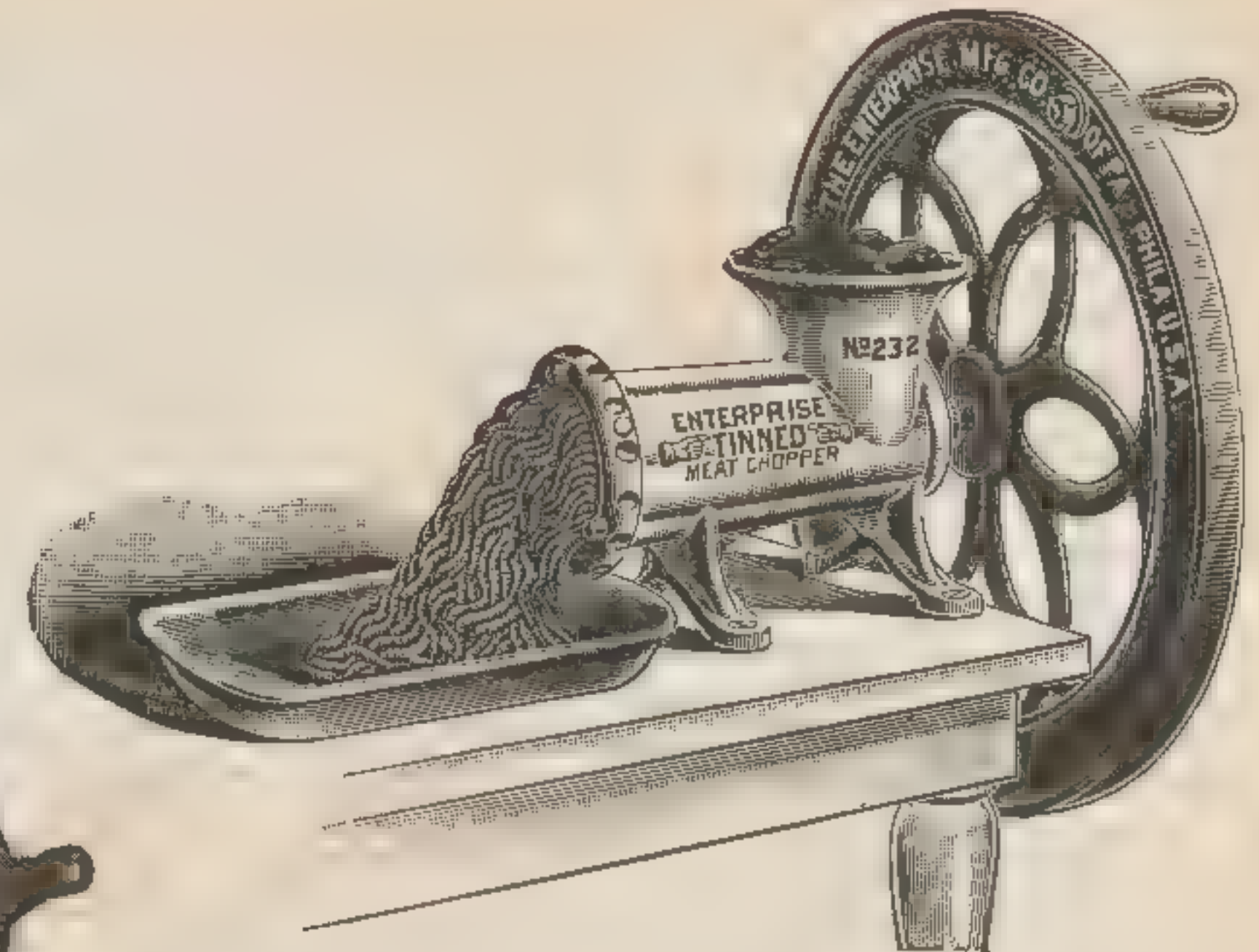
Mincers and Mills.



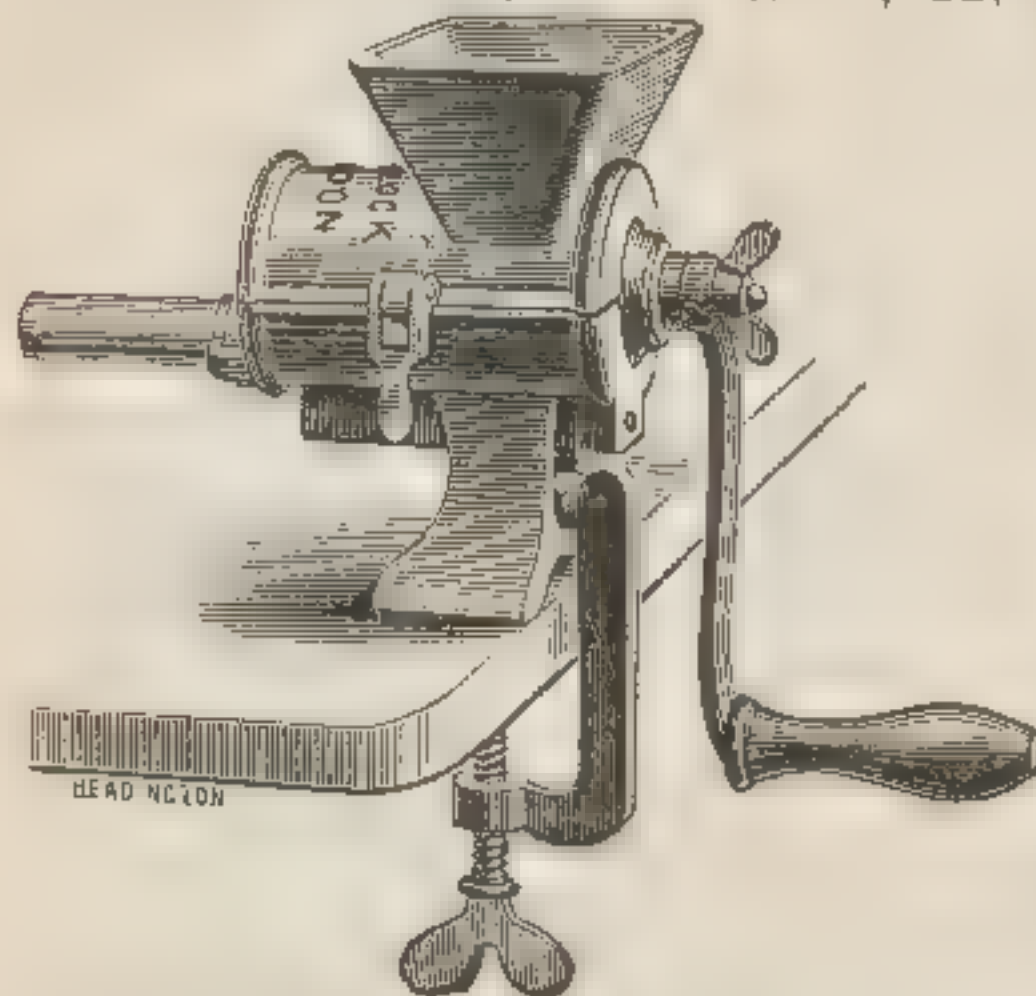
ENTERPRISE MINCER. Nos. 12, 22, 32, 42.



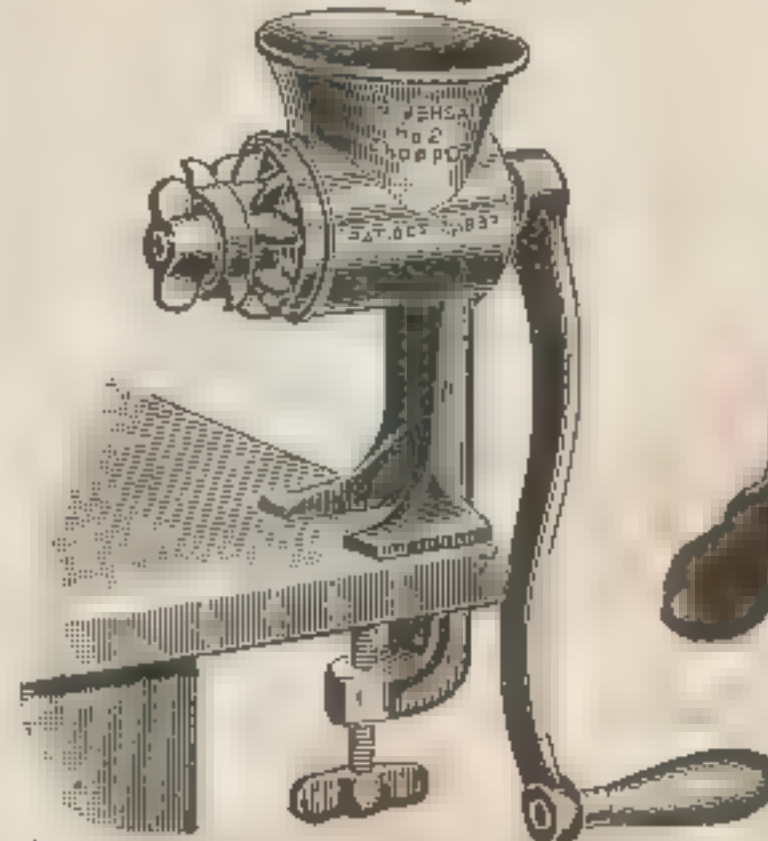
ENTERPRISE MINCER.
Nos. 5, 10.



ENTERPRISE MINCER. No. 042.
Also, GERMAN ENAMELLED MINCERS, Nos. 5, 10, 12, 22
FILLERS FOR ENTERPRISE MINCERS,
also, Extra Knives, Plates,
Thumbscrews, Worms, Rings and Handles.



SPONG'S MINCER. Nos. 0, 1, 2, 3, 4.



UNIVERSAL FOOD CHOPPER.
Nos. 1, 2, 3.
Alexander Tinned, ditto
Nos. 1, 2.



KENRICK'S QUICK
GRINDING
COFFEE MILL.
Nos. 2, 3, 4.

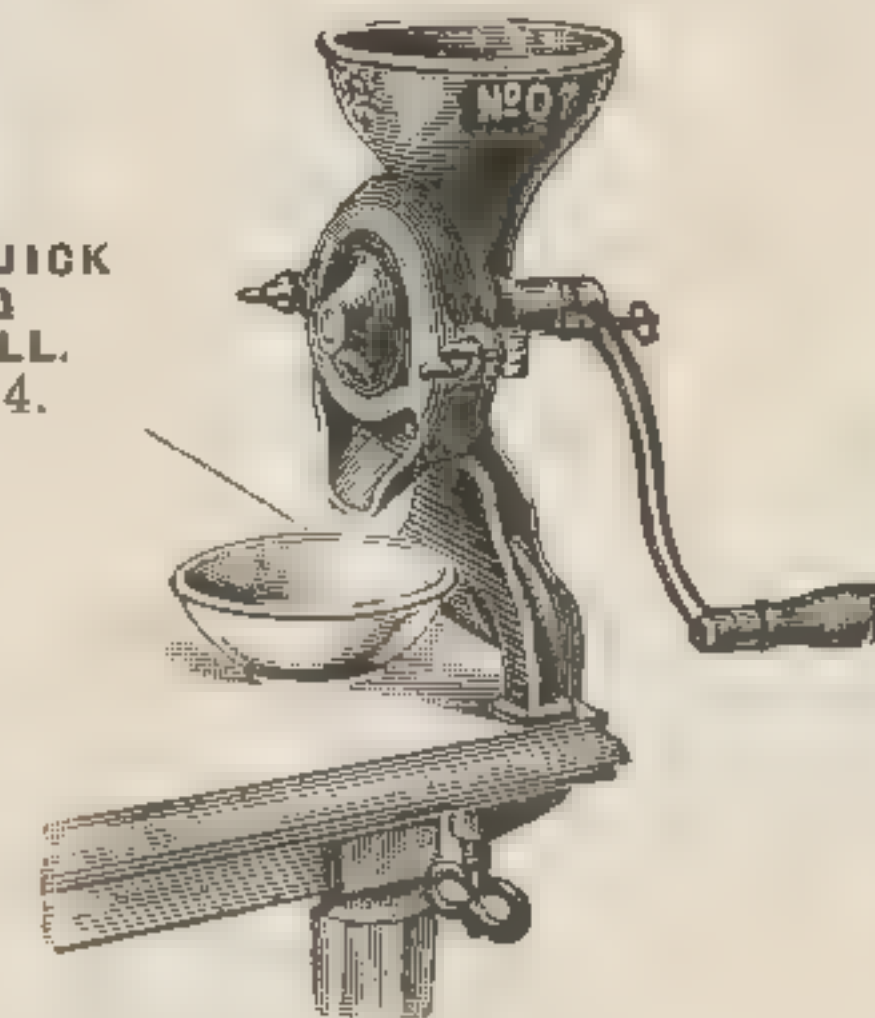


TABLE PEPPER MILLS.
All Wood. Wood and Glass.



SQUARE BOX COFFEE
MILL.
Nos. 1, 2, 3, 4, 5.
Also Wood.

No. 1. 12½ in. high.



No. 0.



No. 00.

ENTERPRISE COFFEE MILLS.

"GEM" TINNED MINCERS.
Nos. 16, 20, 22

Go=Carts and Perambulators.

Sturgis Indestructible Go=Carts.

GUARANTEED TO BE THE SIMPLEST, STRONGEST, MOST DURABLE AND COMFORTABLE CHILD'S VEHICLE MADE.



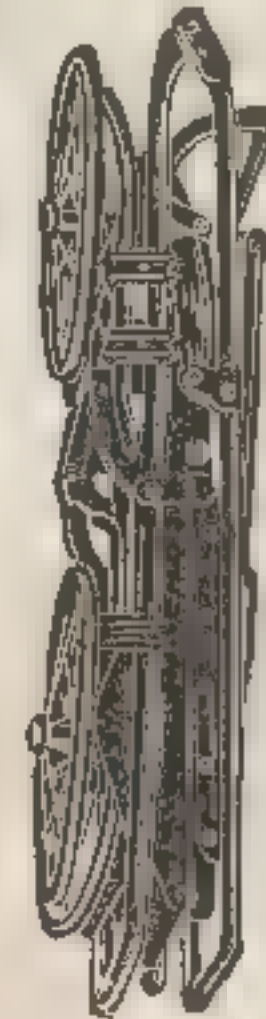
FOLDING GO-CART.
Open



FOLDING GO-CART.
Closed.



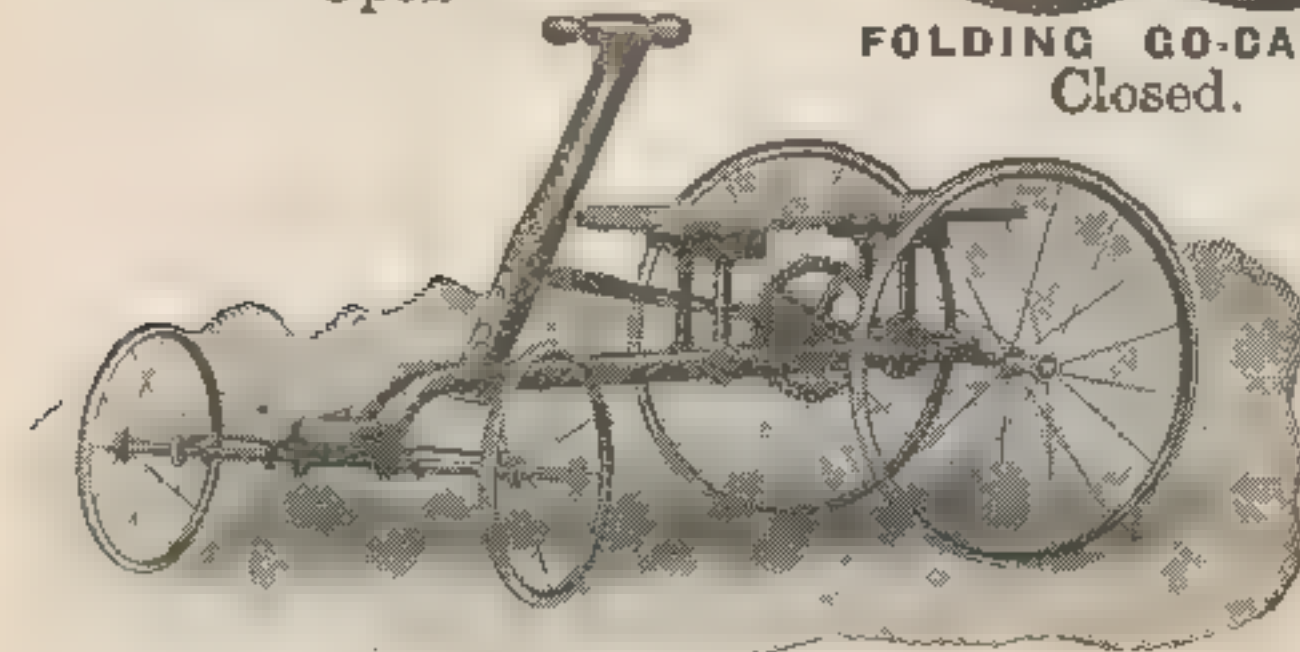
FOLDING PERAMBULATOR.
Open.



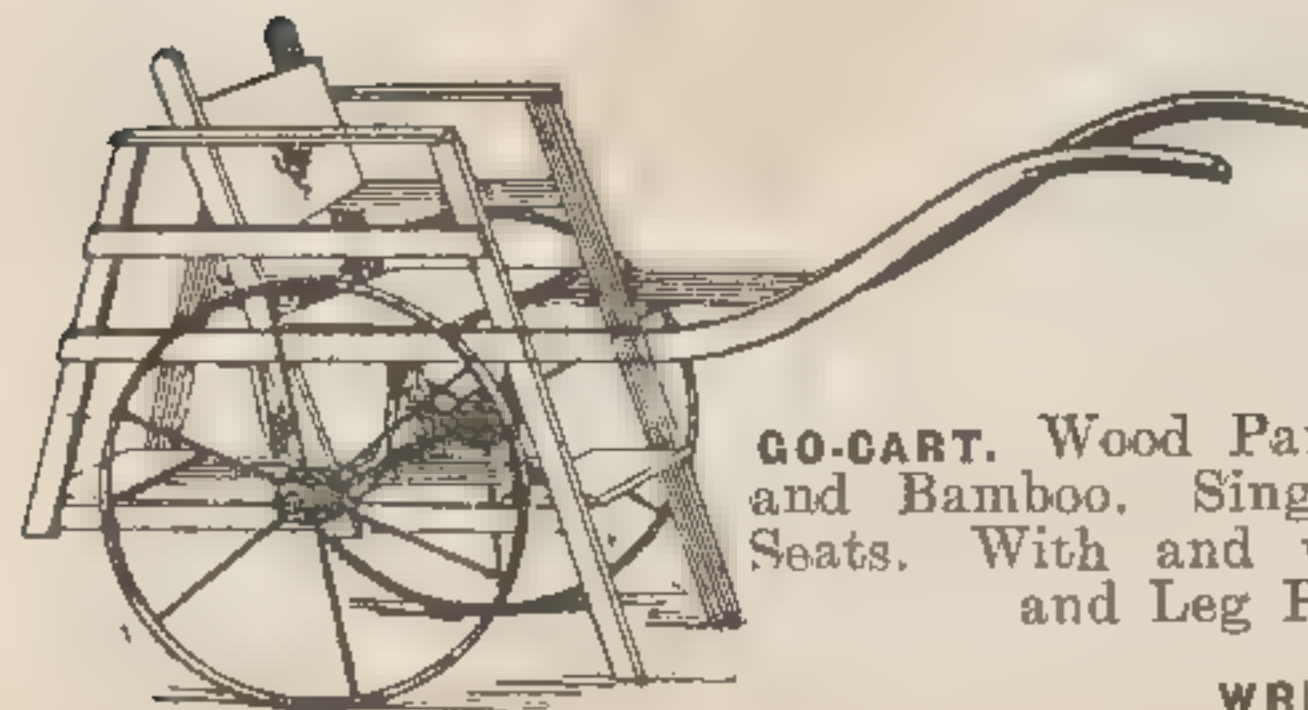
FOLDING PERAMBULATOR.
Closed.



TRICYCLES. Iron Wheels, Nos. 1, 2, 3, 4.
Iron Wheels, Rubber Tyred, Nos. 1, 2, 3, 4.



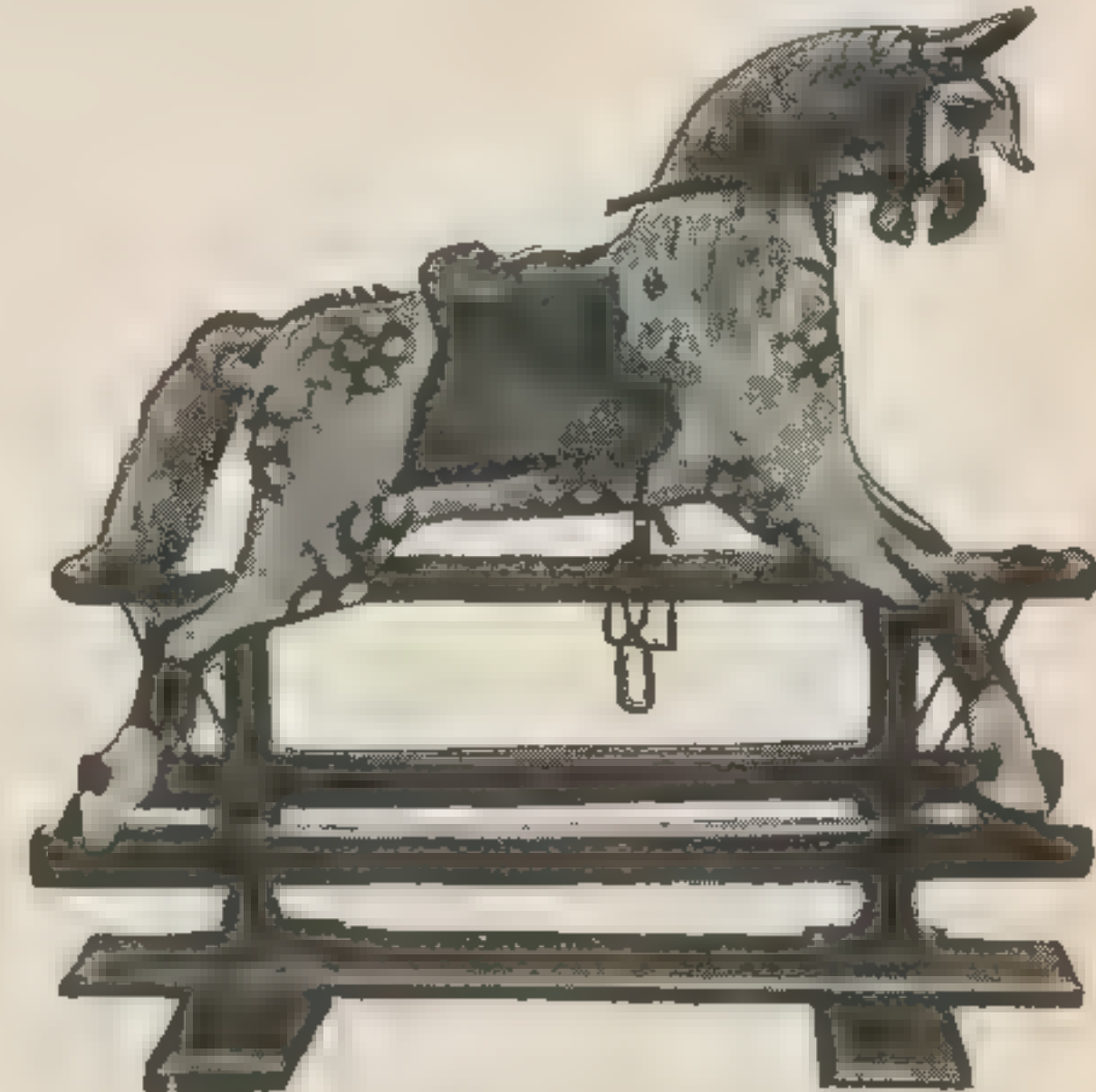
TUBULAR STEEL SPEEDER.
Rubber Tyred.



GO-CART. Wood Panel, Wicker,
and Bamboo. Single or Double
Seats. With and without Hoods
and Leg Rests.



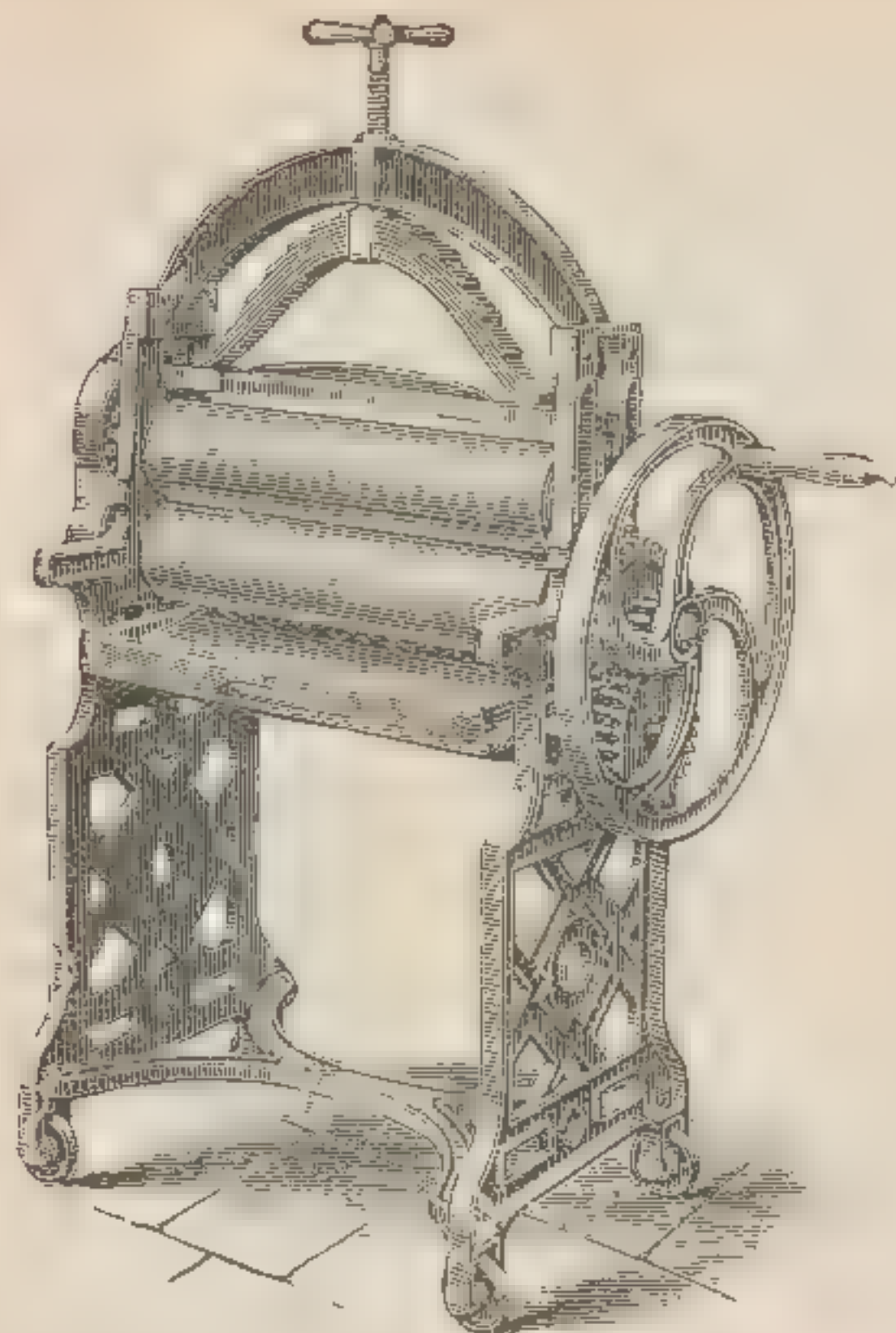
PERAMBULATORS
of all Qualities and Descriptions.



PATENT SAFETY ROCKING HORSE.			
		Height to head.	Length.
No. 1	..	2 ft. 3 in.	2 ft. 3 in.
2	..	2 " 6 "	2 " 6 "
3	..	2 " 9 "	2 " 9 "
4	..	3 " 0 "	3 " 0 "
5	..	3 " 3 "	3 " 3 "
6	..	3 " 6 "	3 " 6 "
7	..	3 " 9 "	3 " 9 "

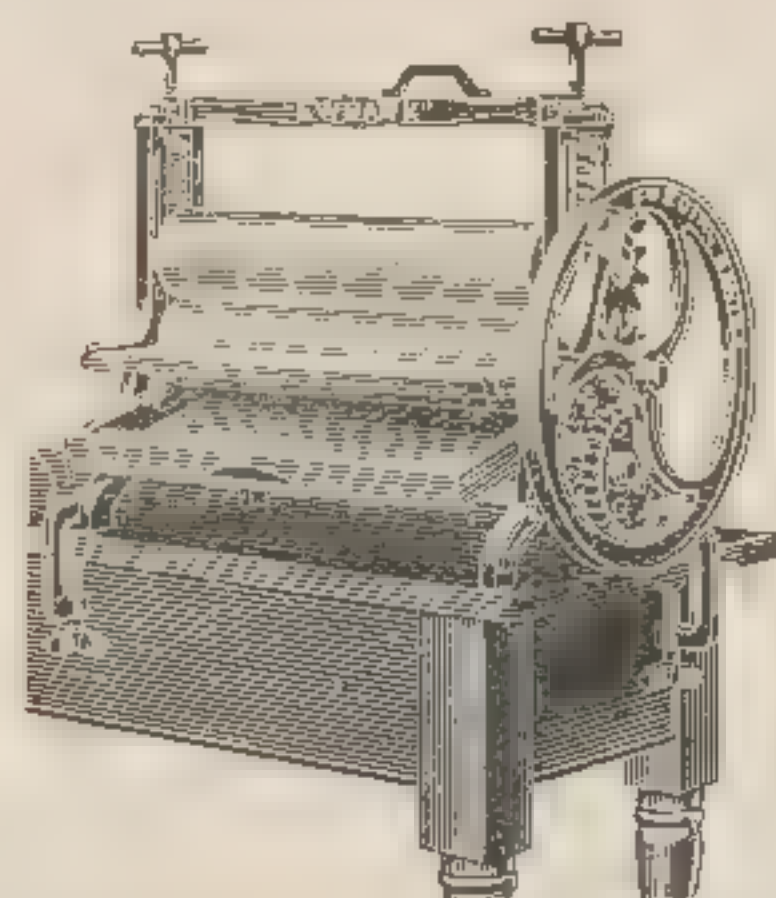
WRITE FOR SPECIAL ILLUSTRATIONS.

Mangles & Wringers.



HOUSEWIFE MANGLES

Roller	24 inches
"	27 "
"	30 "
Roller bearings	24 "



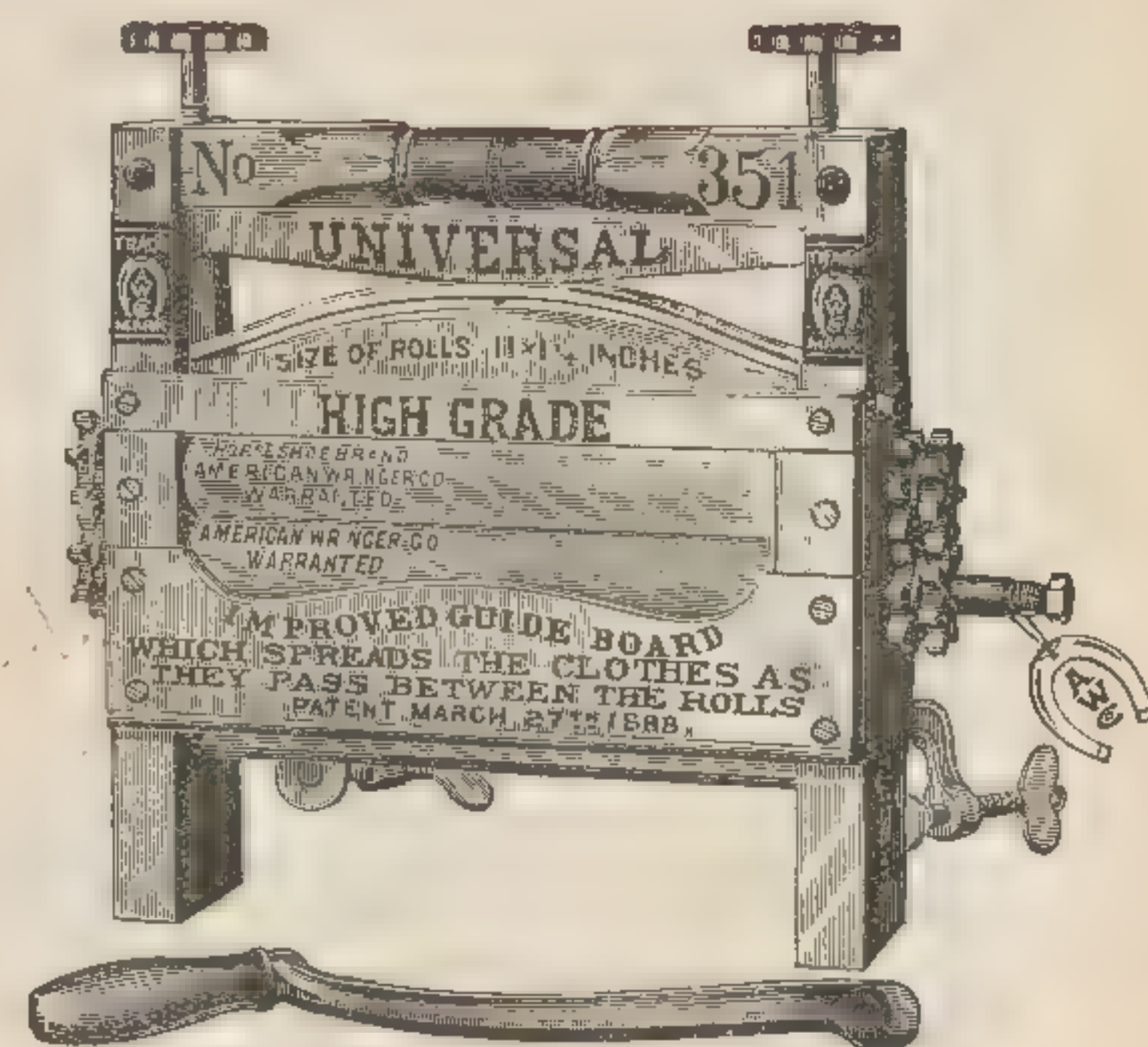
LITTLE GIANT TABLE MANGLE

21in. 2 roller



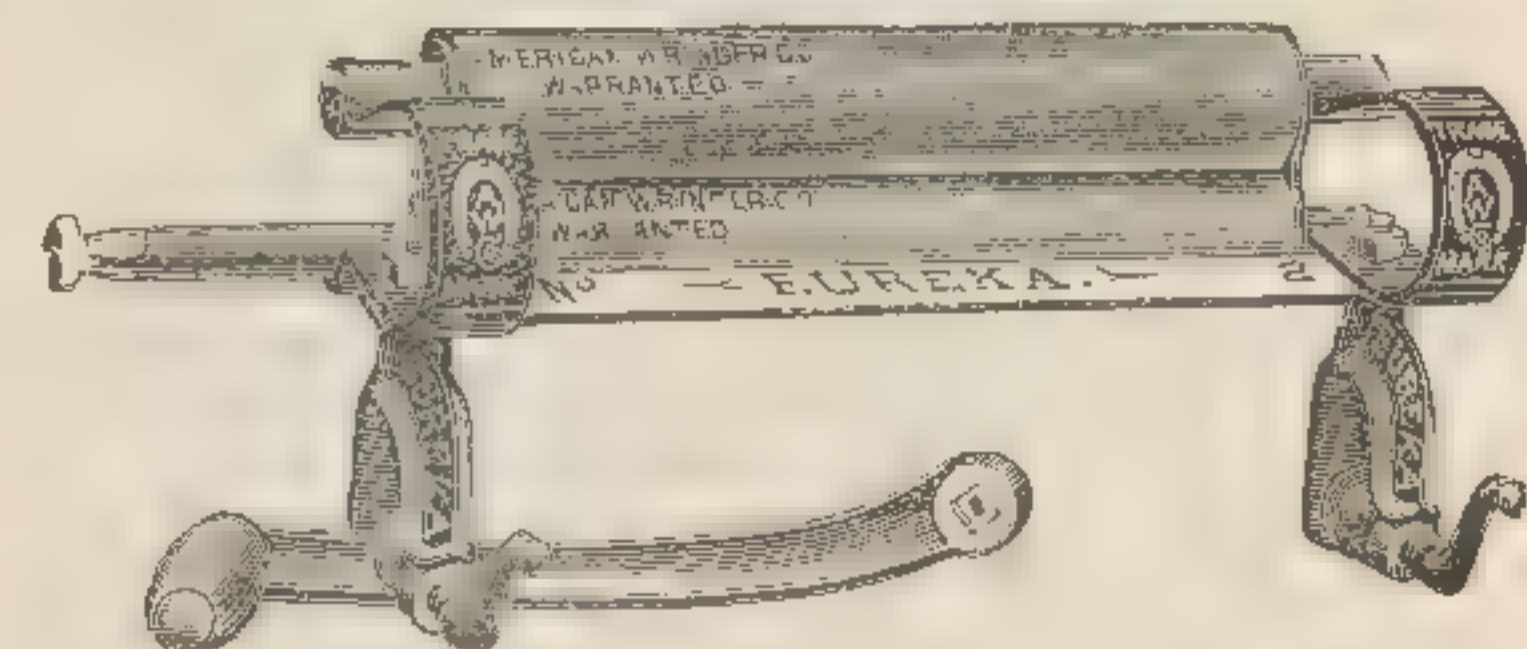
AMERICAN "BALL-BEARING" TABLE MANGLE

24in.



UNIVERSAL WRINGERS

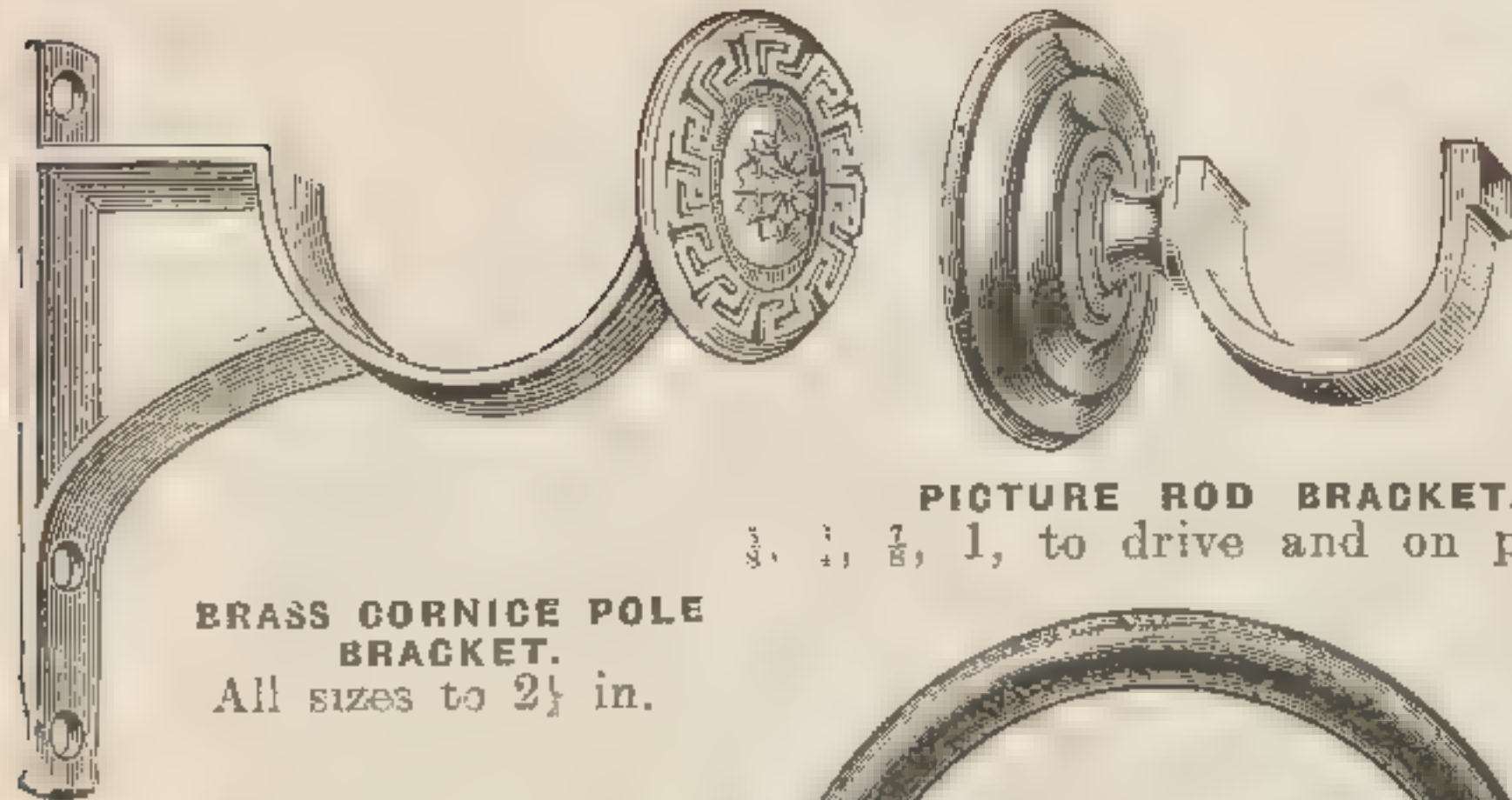
10
11
12



EUREKA IRON WRINGERS

10
12
14
16
10
11
12
14

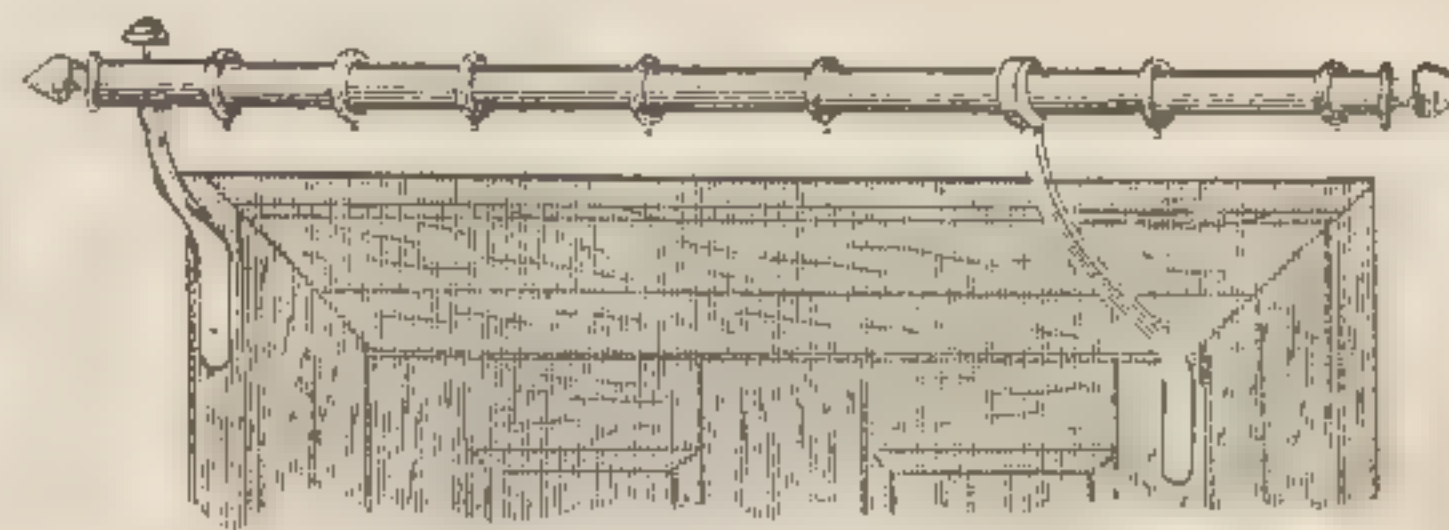
Pole Fittings, Etc.



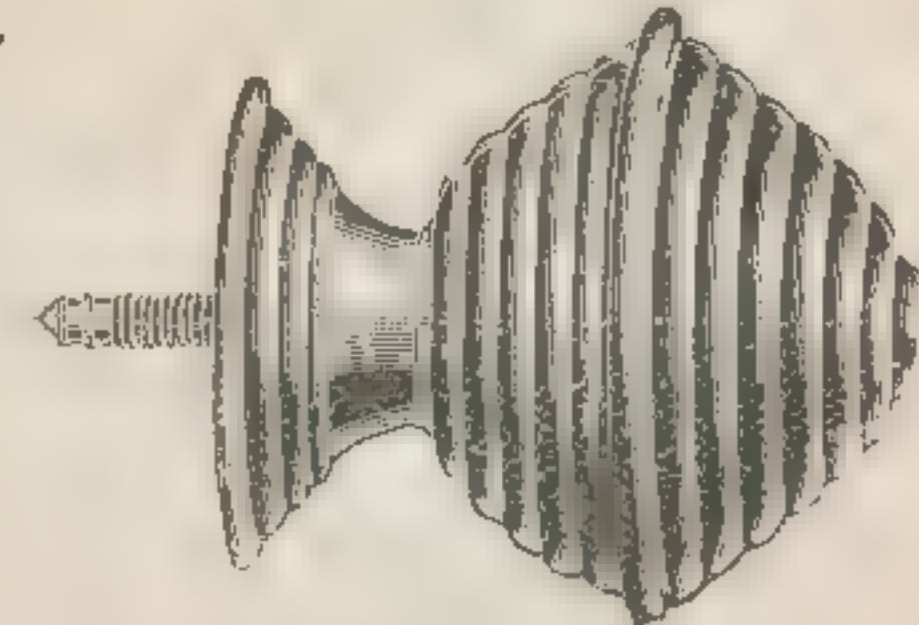
BRASS CORNICE POLE BRACKET.
All sizes to 2½ in.

PICTURE ROD BRACKET.

¾, 1, 1½, 2, 1, to drive and on plate.



BRASS PORTIERRE ROD. 4½ ft. overall x ⅝ in., complete with Brackets and Rings.



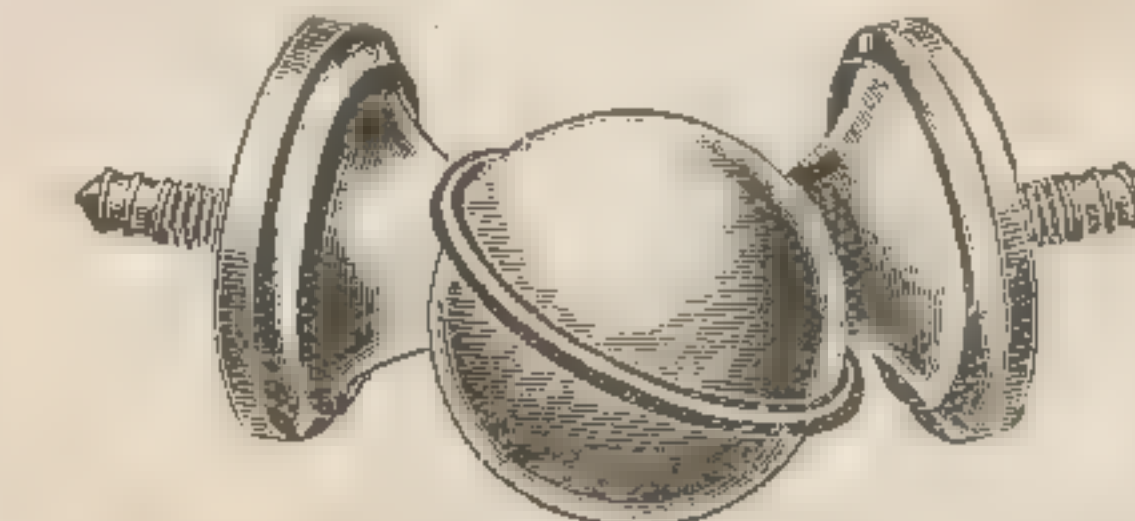
BRASS CORNICE POLE ENDS.
Various patterns.
All sizes to 2½ in.



TOWEL ROD BRACKET.
For ¾ and 1 rod.



BRASS CORNICE POLE RING.
1 to 3 inch.
BRASS CURTAIN RINGS.
¾ to 1½ inch.



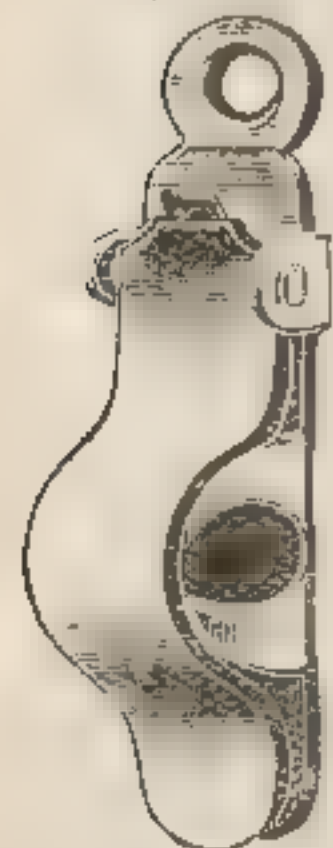
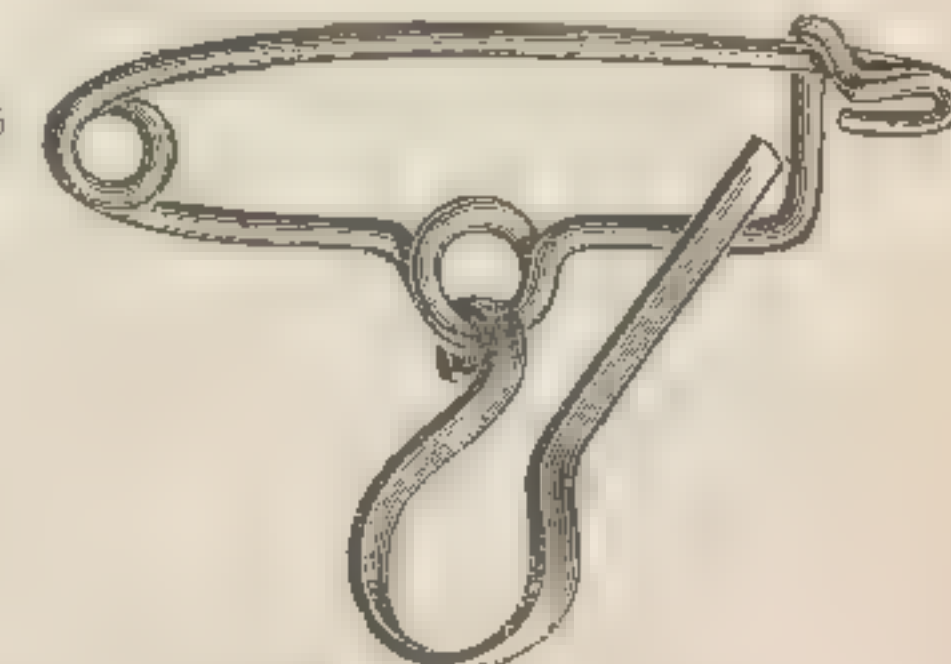
CORNICE POLE JOINT FOR BAY WINDOWS.
1½, 1½ inch.



BRASS CURTAIN BANDS.
Assorted patterns.



BRASS CURTAIN HOOKS. Various sizes.



PATENT MUSLIN ROD BRACKET.
For ¾ and 1 rod. Also **TELESCOPE MUSLIN RODS**, complete.



PIANO SCONCES.
Various patterns.



ROUND STAIR ROD.
¼ inch. - 21 to 30 inch. ⅜ inch. - 27 to 39 inch.



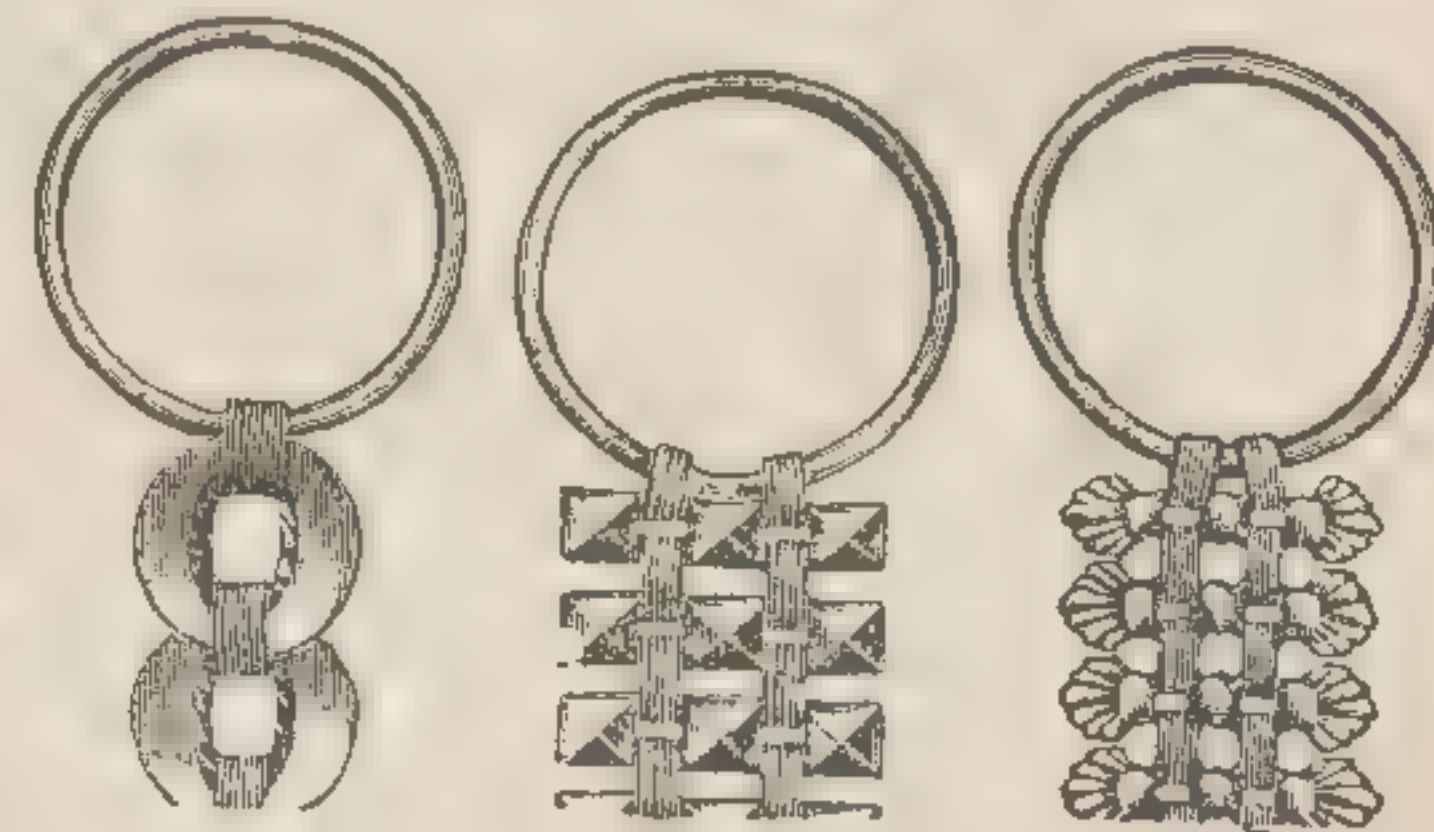
STAIR EYES.

No. 1.

No. 2.

No. 3.

½ to 1. **BRASS CURTAIN CHAINS.** A large variety of all qualities.



Refrigerators.

The World-Famed "Jack Frost."

MADE IN AMERICA OF THE BEST SEASONED TIMBER, WITH GALVANIZED IRON LININGS, AND WARRANTED TO STAND THE CLIMATE IN ALL PARTS OF AUSTRALIA ABSOLUTELY THE BEST IN THE MARKET.

SINGLE DOORS.



No. 5.

SOLID OAK. Golden Oak finish. Lined with galvanized iron. Removable ice chambers. Adjustable sliding shelves. Removable waste pipes. Extension spring door hinges.

DIMENSIONS.

Outside Measure.

Telegraph		Outside measure.			
Code.	No.	Width.	Depth.	Height.	
Arch	5	28½ in.	19½ in.	45 in.	
Inside Dimensions and Capacity of Ice Chamber.					
No.	Length.	Depth.	Height above Ice Rack.	Cubic Inches	Ice Capacity.
5	17 in.	13 in.	11½ in.	2691	60 lbs.

ANTIQUE FINISH. DRY AIR.



Nos. 403, 404, 405 and 406.

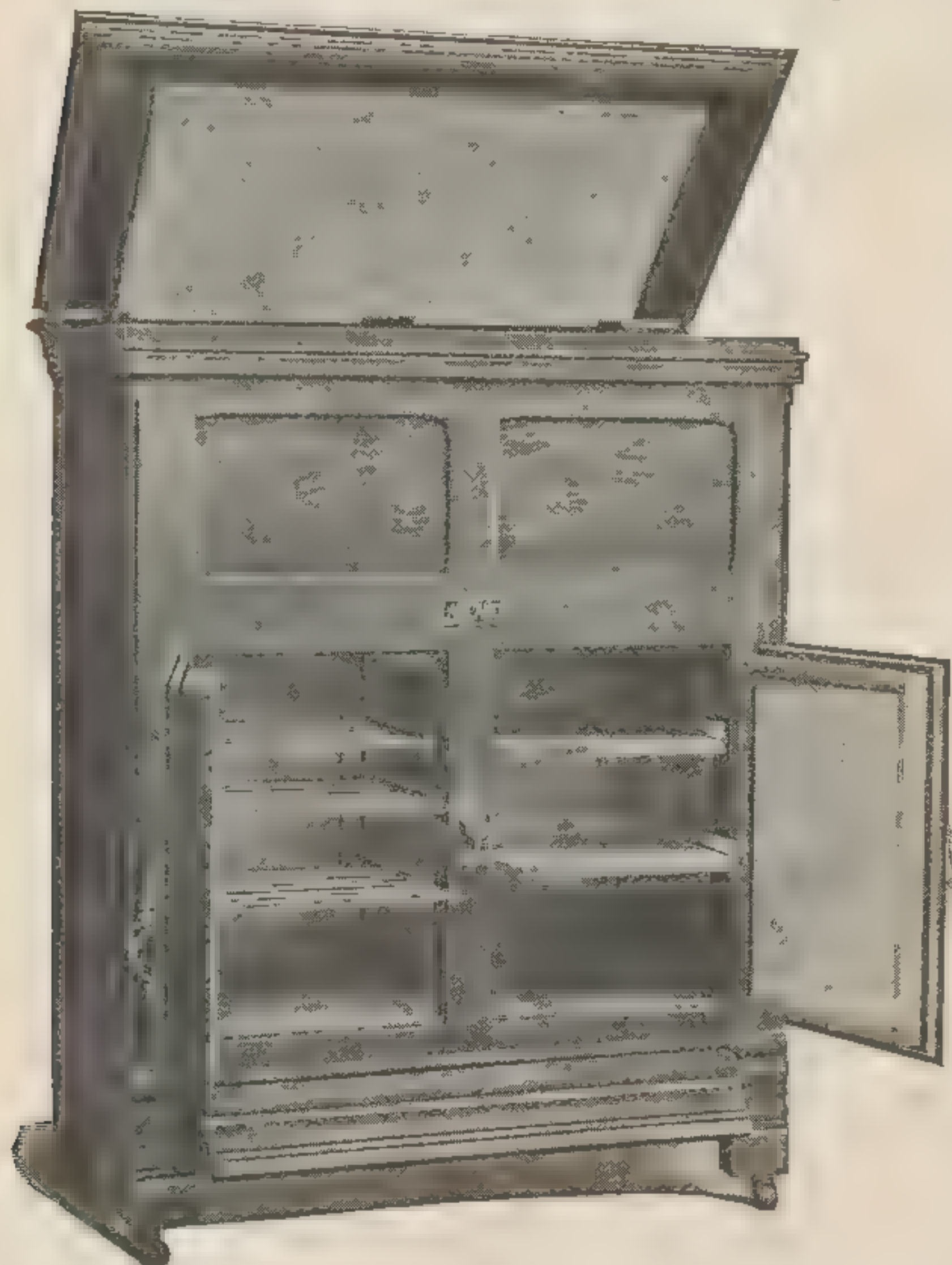
Manufactured of kiln dried hardwood lumber, Golden Oak finish brass lock, surface hinges. All sizes have two sliding shelves in provision chambers. A handsome, low price, good Refrigerator.

DIMENSIONS, PLAIN.

Telegraph Code.		No.	Outside Measure.			
			Width.	Depth.	Height.	Price.
Prawn		404	27½ in.	17½ in.	4 in.	£.....
Pike		405	29 in.	19½ in.	43 in.	£.....
Plank		406	31 in.	20½ in.	45 in.	£.....
Rule		455	} WITH PORCELAIN LINED WATER COOLE			
Rug		456				

Refrigerators.

DOUBLE DOORS. PARTITION DIVIDING PROVISION CHAMBERS.



22.

SOLID OAK. Lined with galvanized iron. Galvanized iron ice rack and shelves. Removable ice chamber. Removable waste pipe. Adjustable sliding shelves.

DIMENSIONS AND PRICE.

Outside Measure.

Telegraph Code.	No.	Width.	Depth.	Height.	Price.
Desk	22	40½in.	22in.	49in.	£.....
Inside Dimensions and Capacity of Ice Chamber.					
No.	Length.	Depth.	Height above Ice Rack.	Cubic Inches.	Ice Capacity.
22	28in.	15in.	13in.	5460	135lbs.

FOUR DOORS, WITH PARTITION DIVIDING PROVISION CHAMBERS.



24.

SOLID OAK. Lined with galvanized iron. Galvanized iron ice rack and shelves. Removable waste pipe. Adjustable sliding shelves.

DIMENSIONS AND PRICE.

Outside Measure.

Telegraph Code.	No.	Width.	Depth.	Height.	Price.
Elk	24	43½in.	26½in.	54in.	£.....
Inside Dimensions and Capacity of Ice Chamber.					
No.	Length.	Depth.	Height above Ice Rack.	Cubic Inches.	Ice Capacity.
24	30½in.	19in.	12½in.	6969	173lbs

Freezers.

"JACK FROST."

COMBINED DRY AIR REFRIGERATOR AND WATER COOLER.



No. 265. With Porcelain Lined Water Cooler.

SOLID ASH. Golden Oak finish. Roman Gold trimmings. Lined with galvanized iron. Removable ice chambers, waste pipes, etc. Adjustable sliding shelves. Extension spring door hinges.

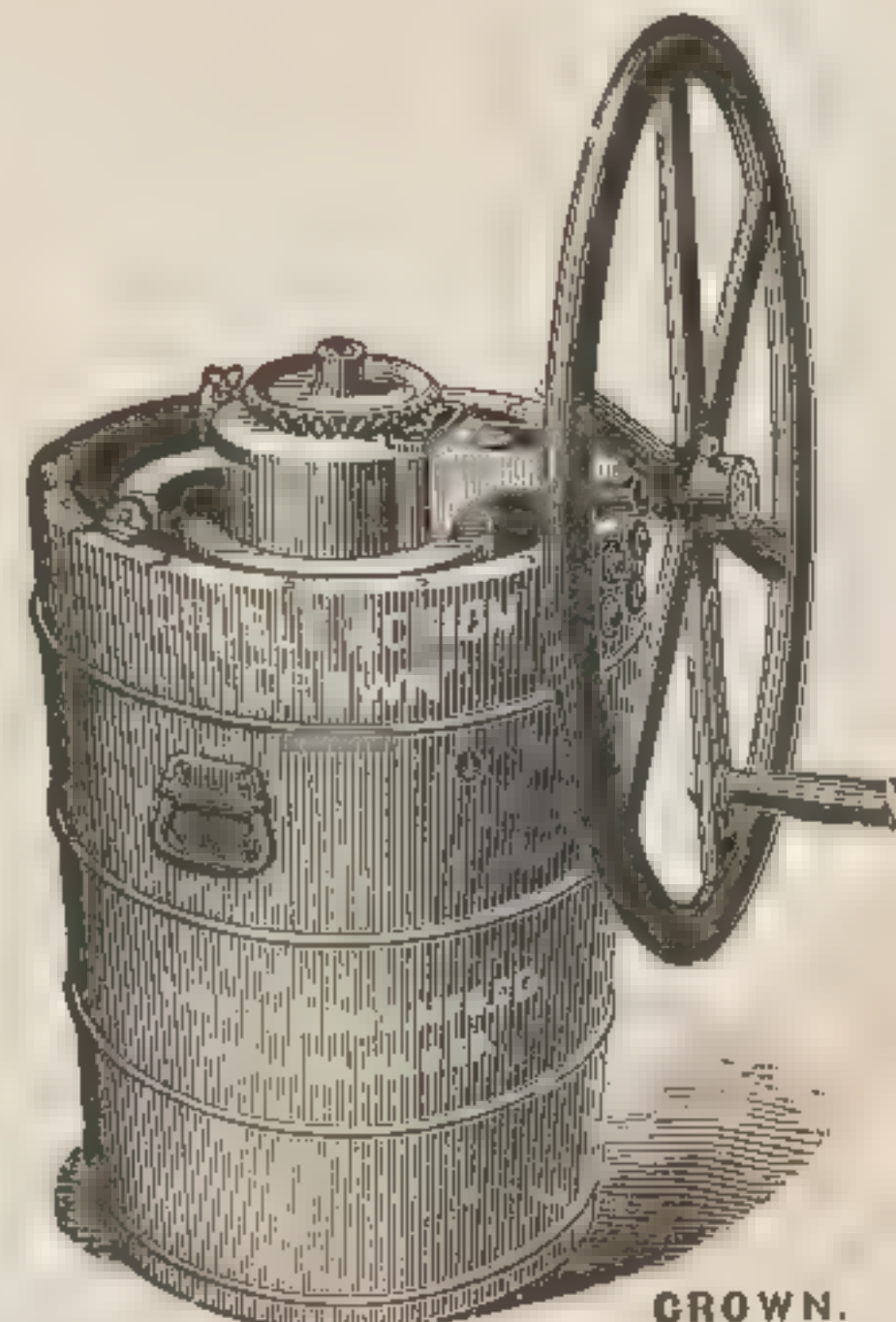
DIMENSIONS AND PRICE.

Outside Measure.

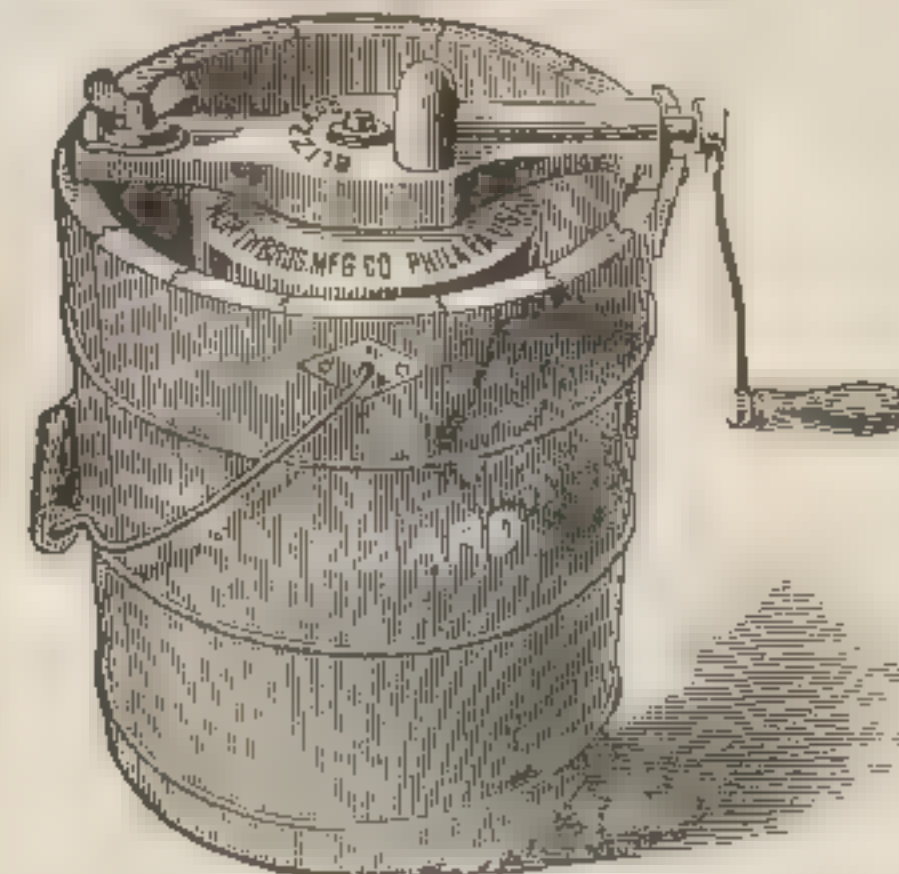
Telegraph Code.	No.	Width.	Depth.	Height.	Price.
Welcome	265	34½ in.	22 in.	49 in.	£.....

Inside Dimensions and Capacity of Ice Chamber.

No.	Length.	Depth.	Height above Ice Rack.	Cubic Inches.	Ice Capacity
265	17½ in.	15 in.	13 in.	3412	85 lbs.



CROWN.



BLIZZARD.



GEM.

"JACK FROST."

HARDWOOD ICE CHESTS.



Nos. 471 and 474.

Manufactured of kiln dried hardwood lumber. Galvanized iron shelves.

DIMENSIONS AND PRICE.

Outside Measure.

Telegraph Code.	No.	Width.	Depth.	Height.	Shipping Weight.
Venture	471	30in.	18in.	25in.	90lbs.
Vowel	474	30in.	21in.	30in.	115lbs.

FREEZERS.

Made of best materials, and the timber is best seasoned White Cedar.

The hoops are all of round iron, electrically welded, and are so put on that it is impossible for them to work loose.

Full directions for use are sent with each Freezer, also a book of recipes.

Sizes as under:—

"CROWN" with Gearing and Fly Wheel.

14 quarts. 18 quarts. 24 quarts.

"BLIZZARD," Single Dash.

1 quart. 2 quarts. 3 quarts. 4 quarts.

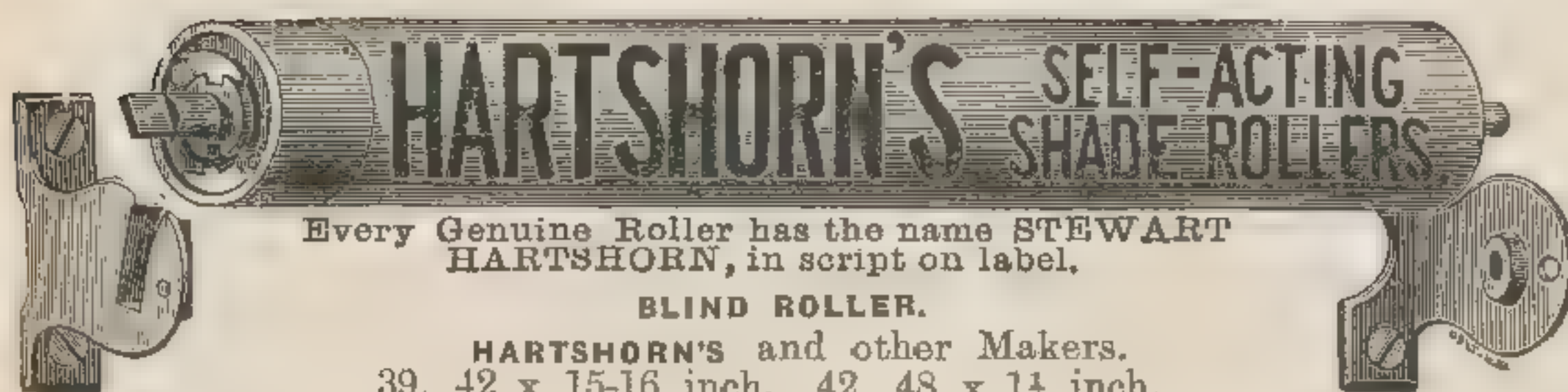
"GEM," Double Dash.

6 quarts. 8 quarts. 10 quarts. 12 quarts. 14 quarts.

"TWIN FREEZER," for making two kinds of Ice Cream at one operation.

2 quarts. 3 quarts. 4 quarts.

Rollers, Etc.



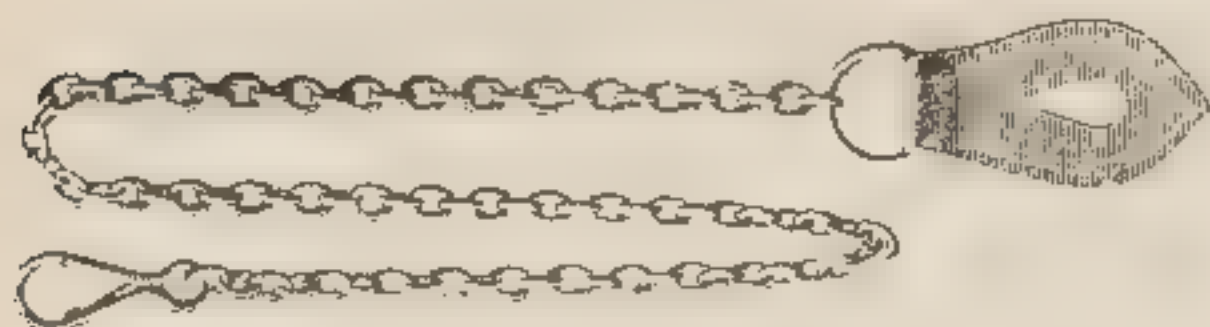
Every Genuine Roller has the name STEWART HARTSHORN, in script on label.

BLIND ROLLER.

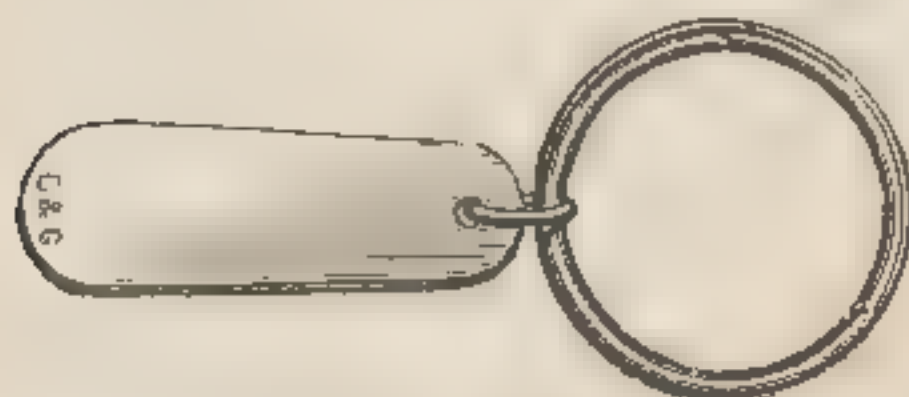
HARTSHORN'S and other Makers.
39, 42 x 15-16 inch. 42, 48 x 1½ inch.
Extra Fittings for Ditto. Clips for Ditto.



XYLONITE NAPKIN RING.
Plain and Coloured.



NICKEL-PLATED KEY CHAIN.



KEY RINGS.
Assorted sizes. With or without
Name Plate and Chain.



TIN SKIMMER.
Milk Skimmers, English, 6, 7, 8 in.



TOILET CAN.
Japanned Oak, Enamelled Galvanized.
4, 6, 8, 10, 12 quarts.
HOT WATER CANS. Japanned Oak.
Enamelled, Copper, Nickel-plated
on Copper. 2, 3, 4, 5, 6 quarts.
BEST TINNED STEEL MILK CANS.
5, 10 gals.



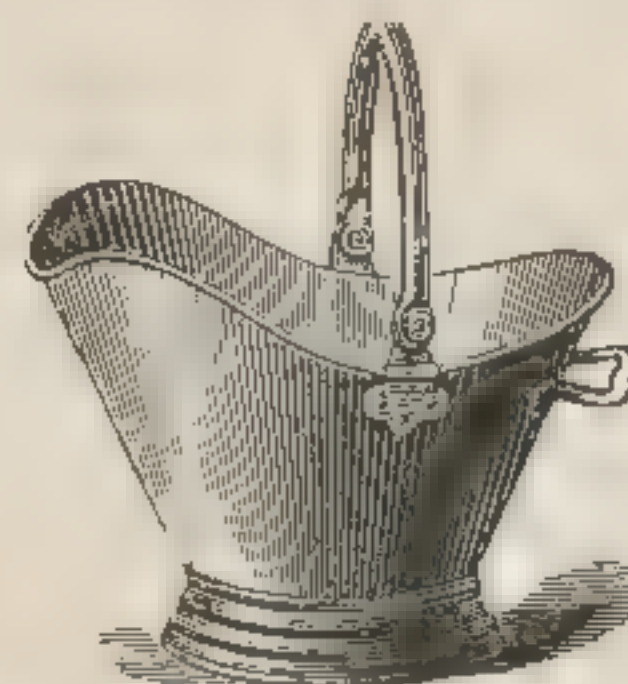
COAL VASE.
Japanned Iron, Copper, Brass,
Oak, Walnut, etc.



BRAIME'S UPRIGHT
REAPER AND BINDER
OILER.
½, ¾, 1 pint.



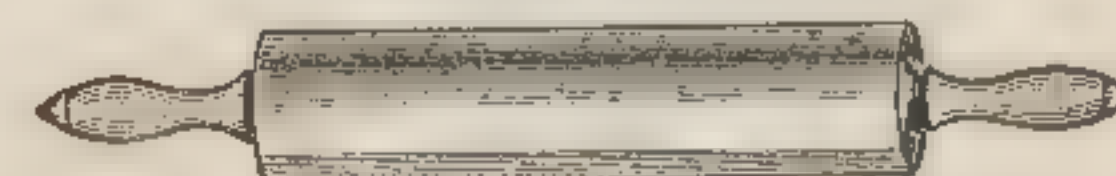
REAPER AND BINDER
OILER. About ¾ Pint.



COAL HOD.
Brass and Copper. Various designs
Japanned, Nos. 1, 2, 3.
Galvanized, Nos. 1, 2, 3.



GLASS PASTE ROLLER.



WOOD PASTE ROLLER.



BRAIME'S ENGINEERS' OILERS.
Tin, Copper Spout, ½, ¾, 1, 1½, 2 pts.
Kaye's Patent " " " "
" Maize Top " " " "



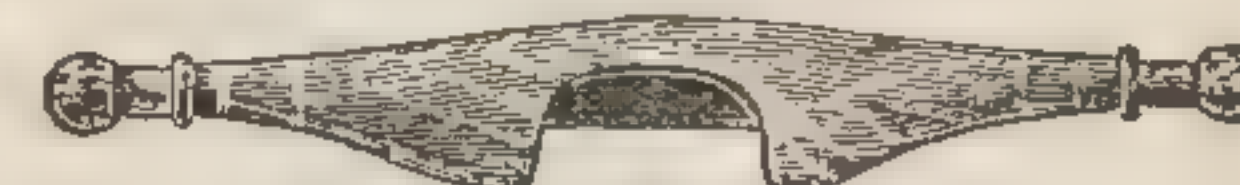
BENCH OILER.



S.M. OILER.



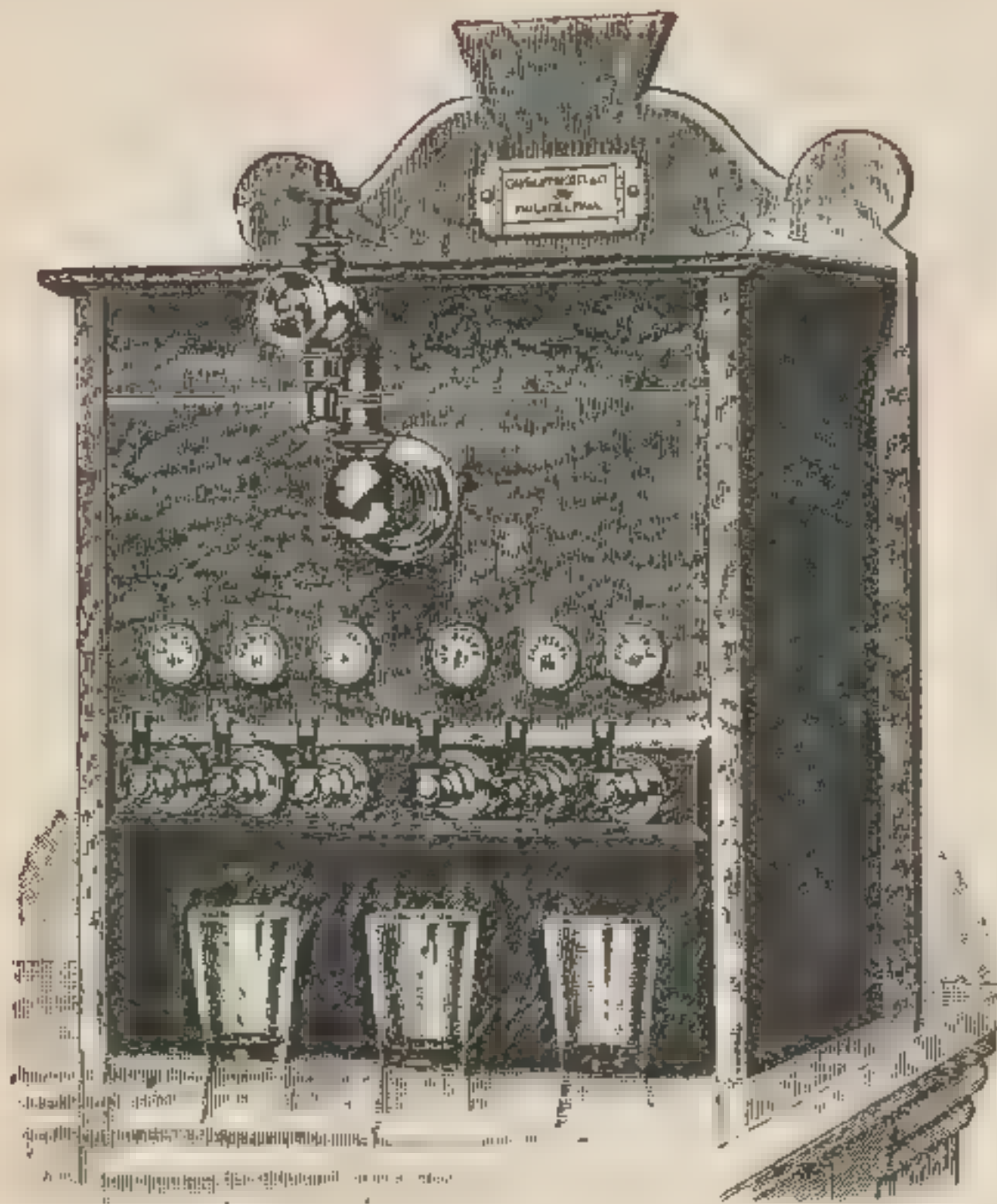
BICYCLE OILER.



MILK YOKE.

INK
STENCIL, BOWMAN'S, Nos. 1, 2, 3.
BOKER'S, ½, ¾, 1 lb.
WRITING, STEPHEN'S, Blue Black.
3d., 6d., 1/-, 2/-, 3/- sizes.
COPYING. 1/-, 2/-, 3/- sizes.
RED. 6d., 1/- sizes.
MINIATURE BLACK AND COLORS. INK
POWDERS.

Sparklets, Squeezers, Etc.

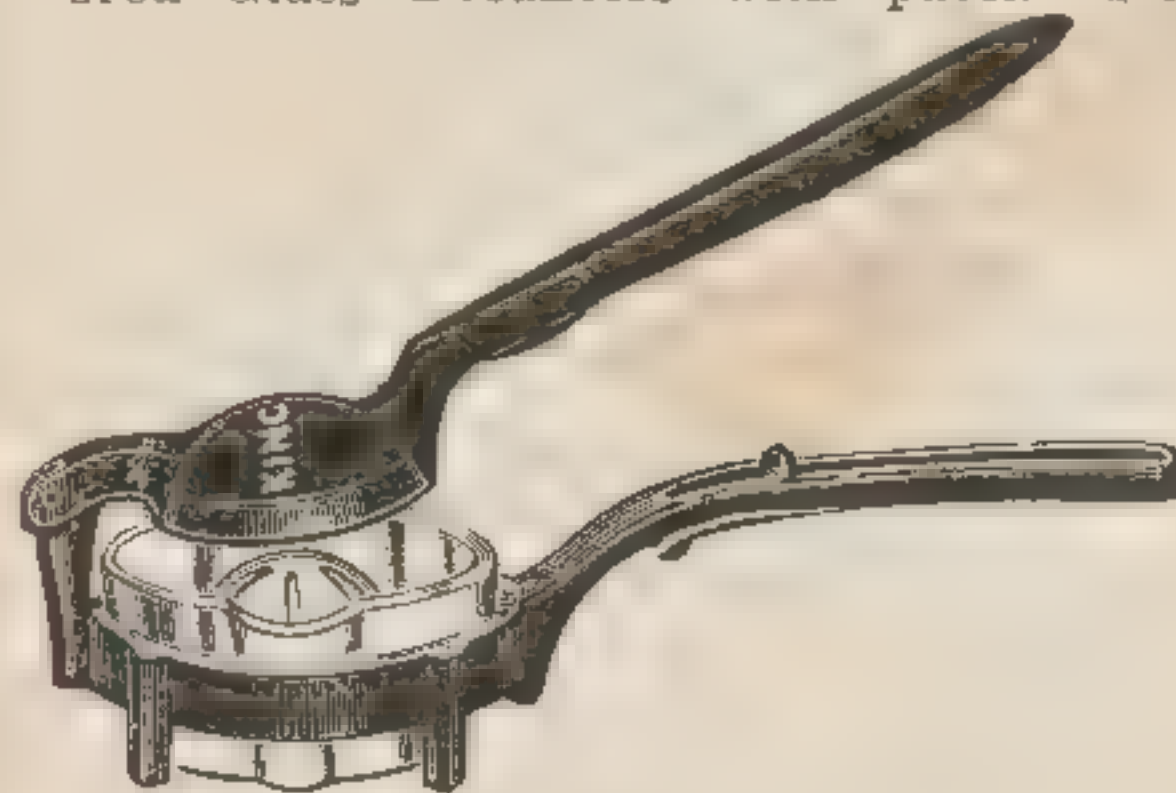


MARBLE SODA FOUNTAIN.

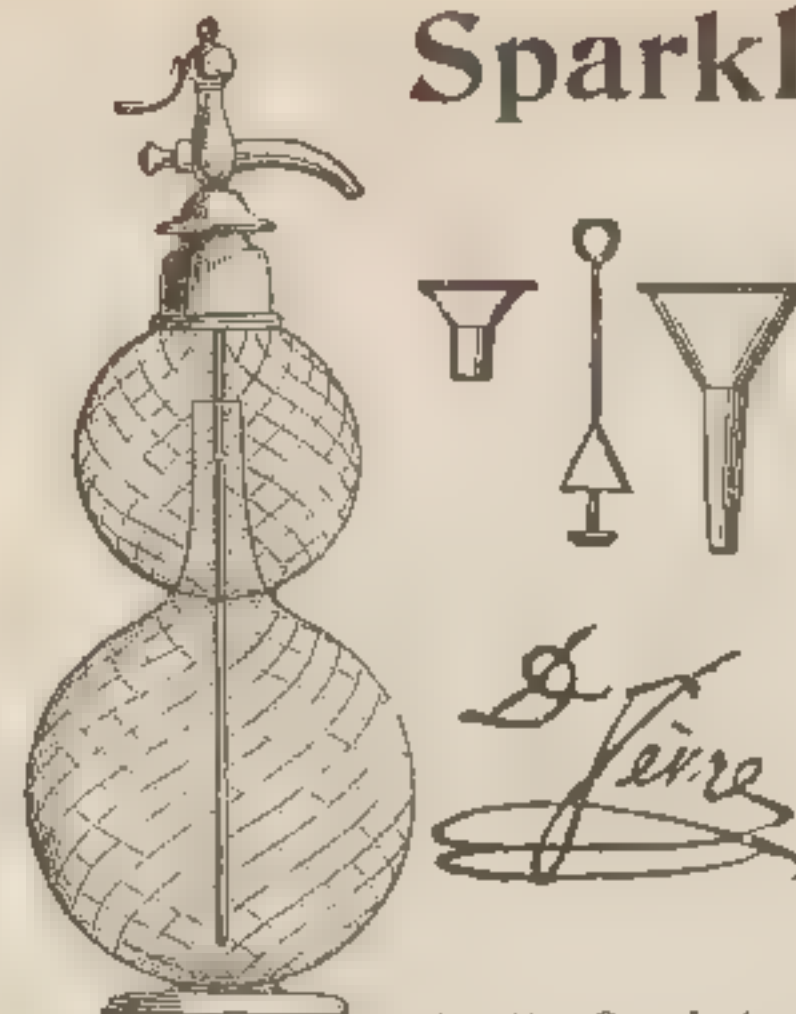
Several sizes, and various designs, or to special order to suit requirements.

These we manufacture in our own works from the now famous Australian Colored Marbles, or from best White Carrara.

A specially designed Soda Water Tap thoroughly aerates the drink without any splashing. Glass Syrup Holders, with small taps as shown, or Colored Glass Decanters with patent stoppers.



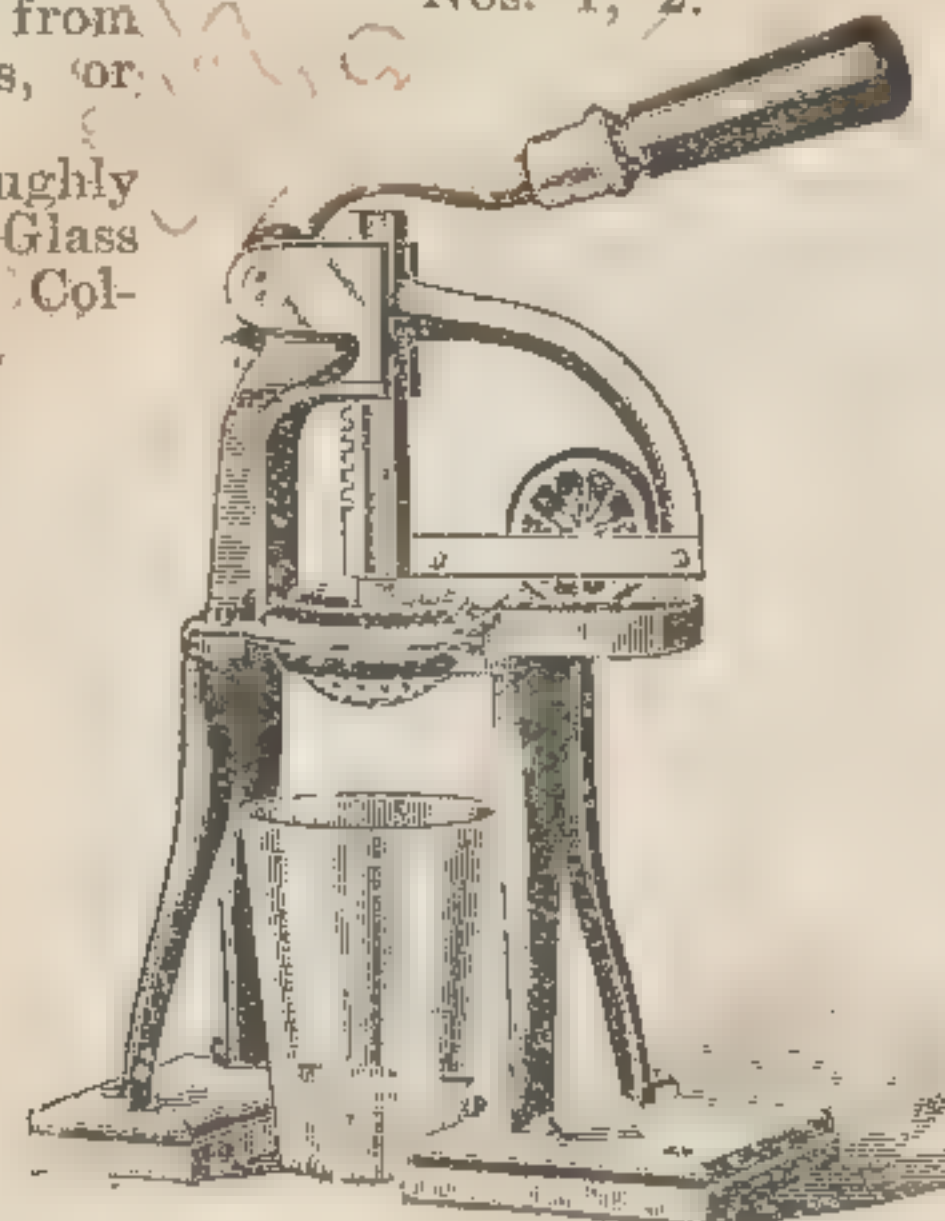
KING LEMON SQUEEZER.
Extra Glasses.
ALUMINIUM SQUASH SHAKERS.



SELTZOGENE. 3, 5, 8 pints.
All extra parts stocked.
Charges for do.
LE FEVRE AND BRITISH.



GLASS LEMON SQUEEZER.
"The Manny."
Nos. 1, 2.



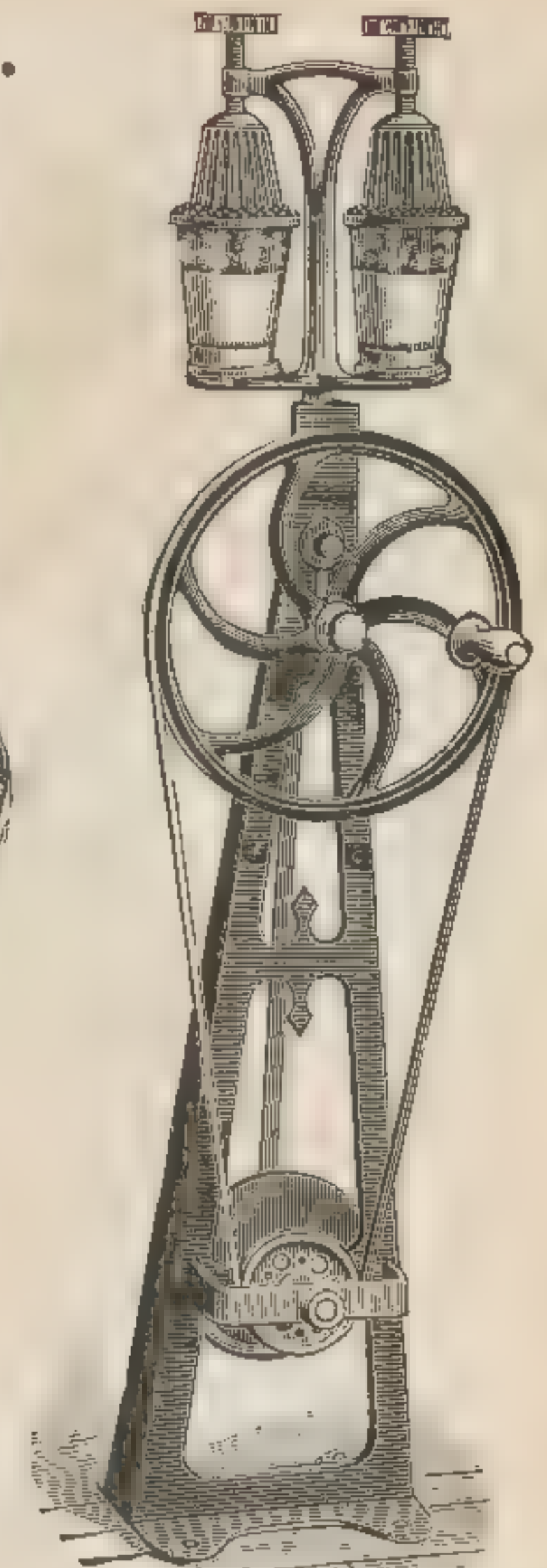
"ACME" LEMON SQUEEZER.



SPARKLET SYPHON.



CHARGE.



MILK OR SQUASH SHAKER.
on Stand.

Ditto for fixing on Counter.
Extra Glasses, Glass Tops and
I.R. Rings.

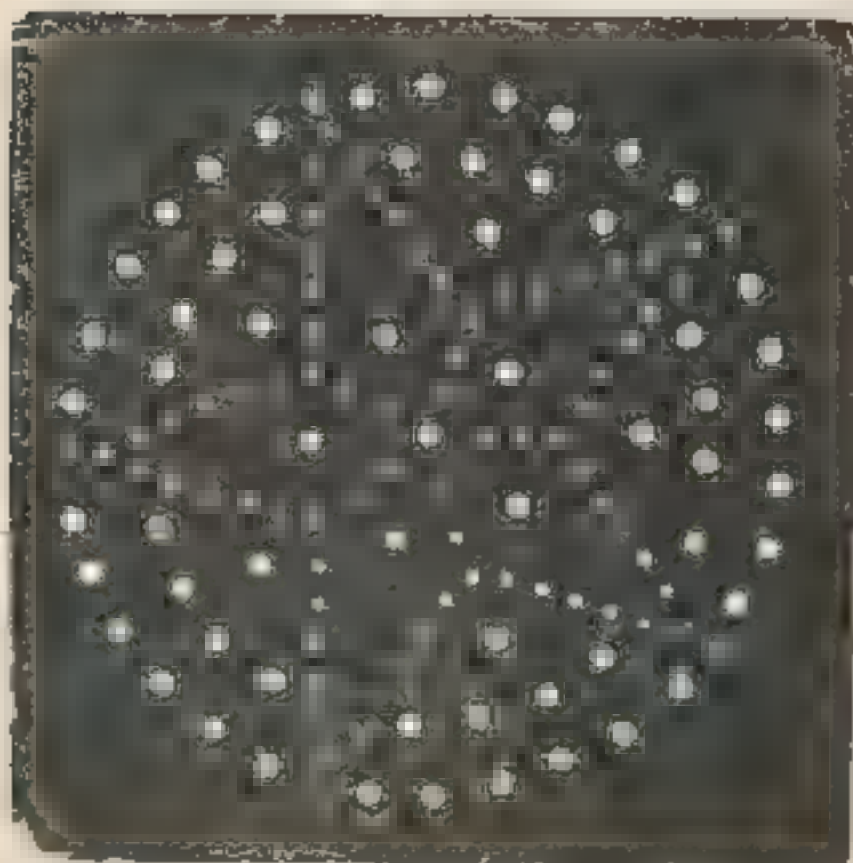


QUICK AND EASY LEMON SQUEEZER.
Extra Cups.

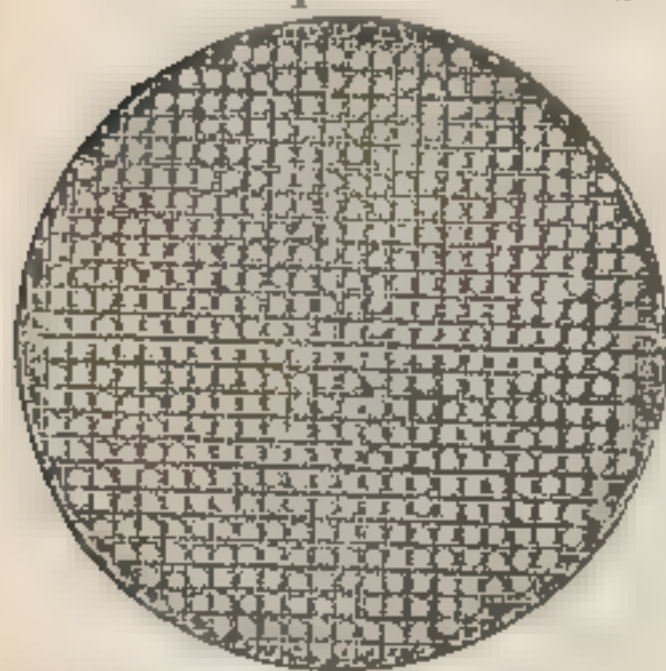


BOSS LEMON SQUEEZER.
Also the Imitation Boss.

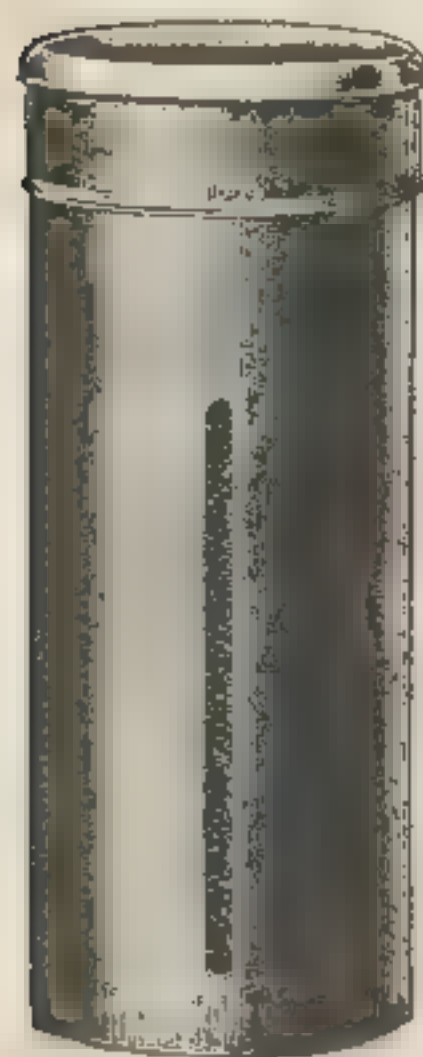
Sponges, Trays, Etc.



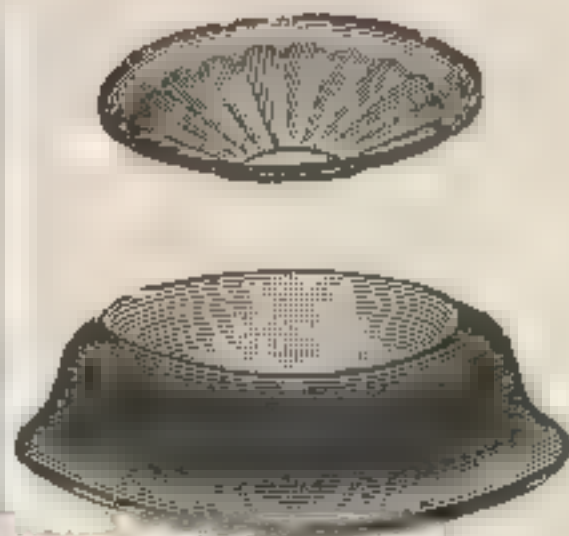
CHAIR SEAT.
Round 12 to 20 in.
Square, 14 to 20 in.
Shaped all sizes.



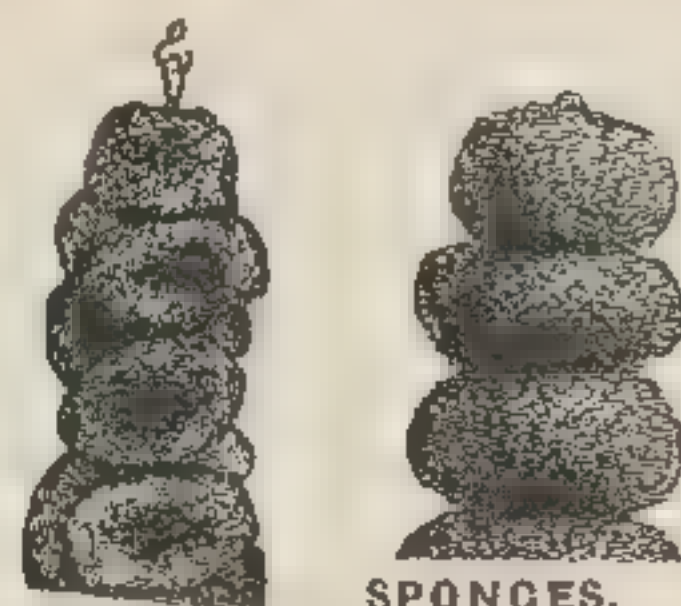
STEEL CHAIR SEAT.
Imitation Cane.
15, 15½, 16.



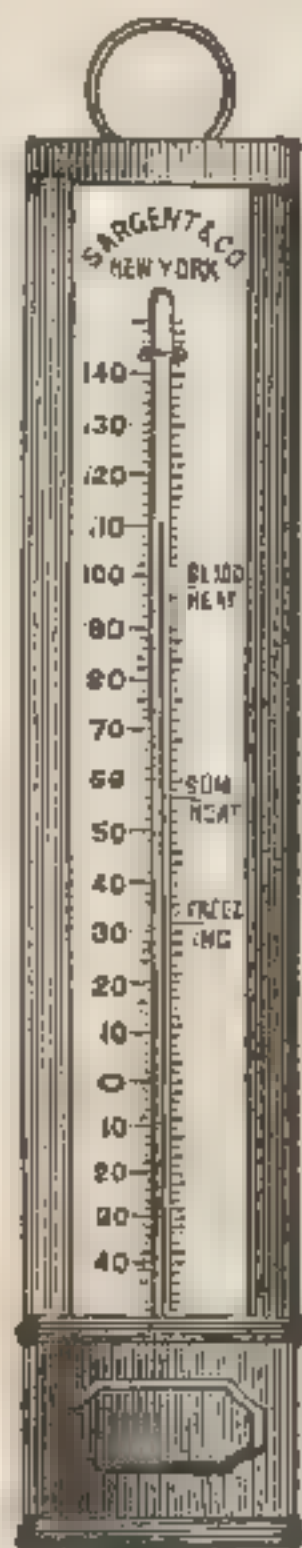
RAIN GAUGES.
Size, 5 in.
Extra Glasses.



SPITTOON Copper.
Nickel-Plated, 8, 10,
12 inch.



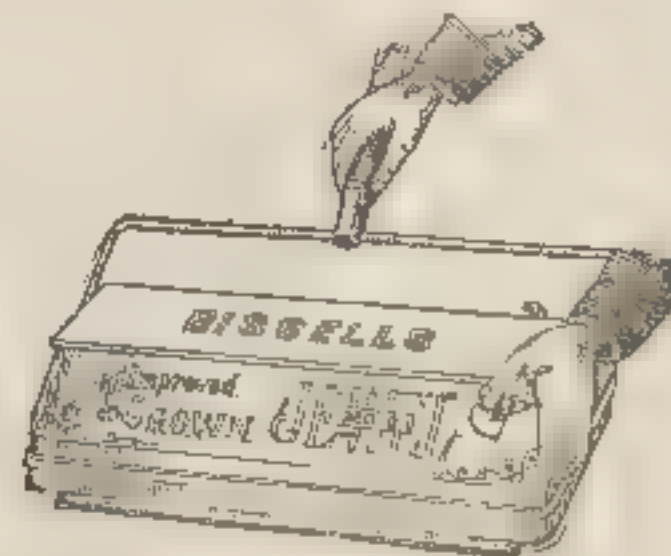
SPONGES.
All kinds and qualities.
Also, **SPONGE CLOTHS.**



THERMOMETER.
Japanned, 8, 10, 12 inch.
Copper, 8, 10, 12 inch.
Wood, assorted.
All qualities.



DAIRY THERMOMETER.
All kinds.

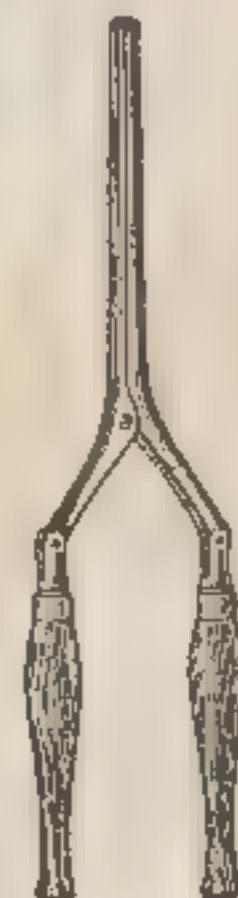


THE CROWN JEWEL CARPET SWEEPER.
Also the Universal
and President.
And cheaper lines.
Also, **GRAND RAPIDS**
Ball Bearing.



IRON HANDLE FIRE SHOVELS.

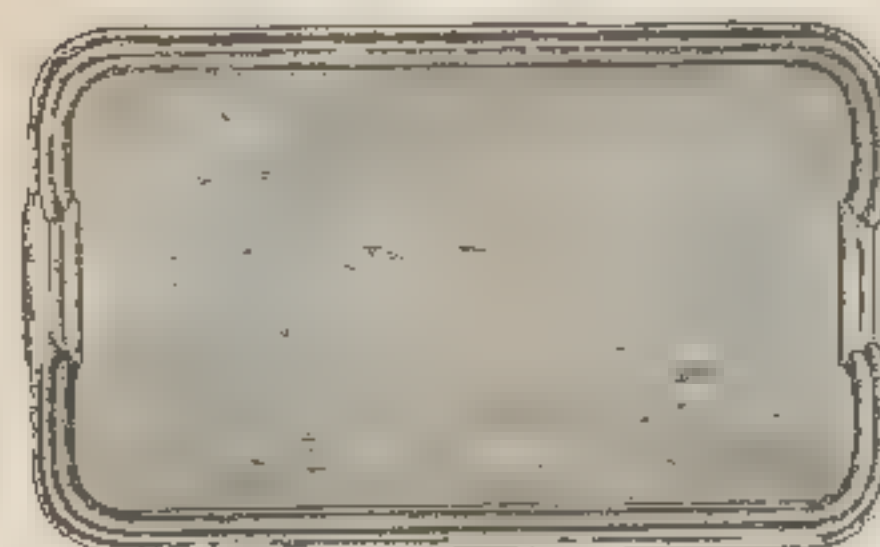
STEEL FIRE SHOVEL.
Nos. 00, 0.



CURLING TONGS.
Polished and Nickel-plated.
5-16, ¾ inch.



STEAK TONGS.



No. 1.

Plain, or with Ebony Borders, Oval and Oblong.

OAK TRAYS.

No. 2.

14 to 24 in.

JAPANESE TRAYS. Assorted Colors and Shapes.



JAPANNED TIN CRUMB TRAY
AND BRUSH.
Also Planished Tin.

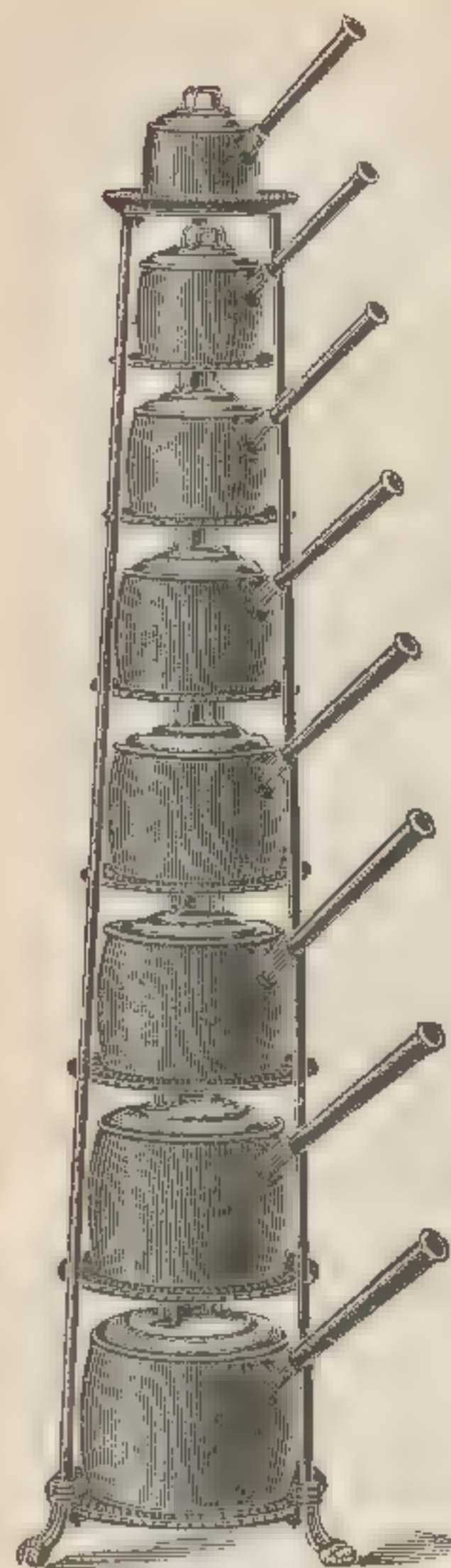


JAPANNED OVAL TEA TRAY. Large Variety of Designs and
Qualities. 14, 16, 18, 20, 22, 24, 26, 28, 30 inch, or
in Sets.

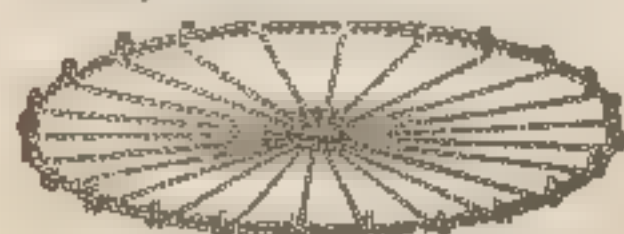
TRAYS. Butchers'. Small and medium sizes.

TAPERS. 12 inch in Boxes; 22 inch in 1 lb. packets.

Stands and Strainers.



SAUCEPAN STAND.
ALSO, BOILER STANDS.



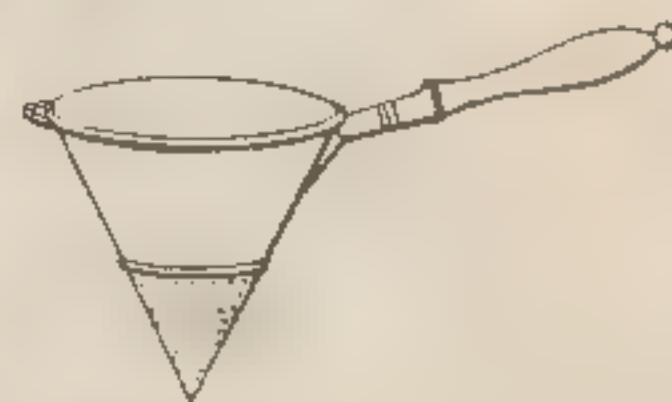
TINNED WIRE POT STAND.
Also, Iron Wire
Meat Stands.
Square, Triangular.



TINNED STEEL SCOOP.
1, 6, 7, 9 inch.
Also, with Wood Handles.
Nos. 1, 3, 5.



No. 1
GRAVY STRAINER
4½, 5, 6 inch



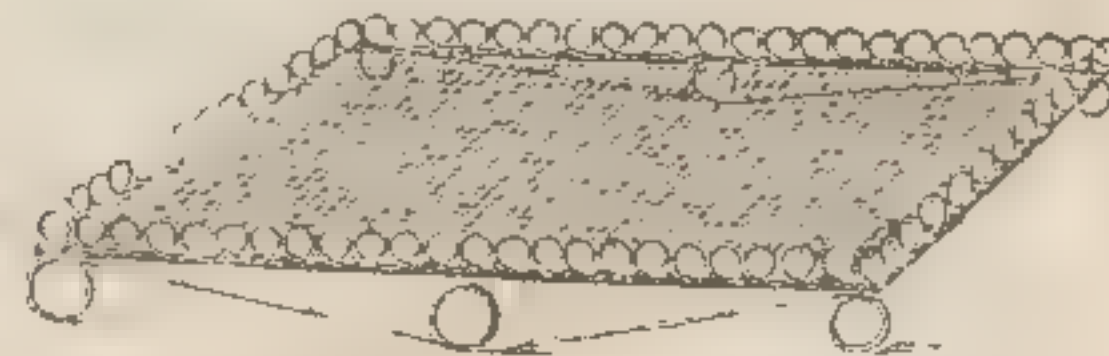
CONICAL GRAVY STRAINER.
Iron handle, 5, 6, 7 in.
Tin „ 6, 7, 8 inch.
Wood „ 5, 6, 7 inch.



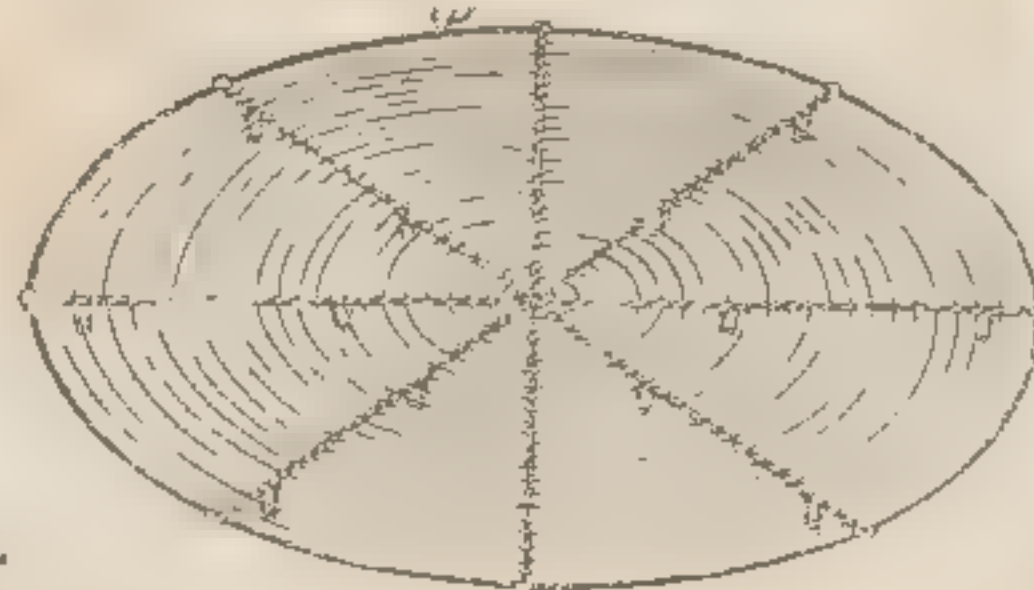
HEAVY TINNED CONICAL
STRAINER.
7 and 8 inch.



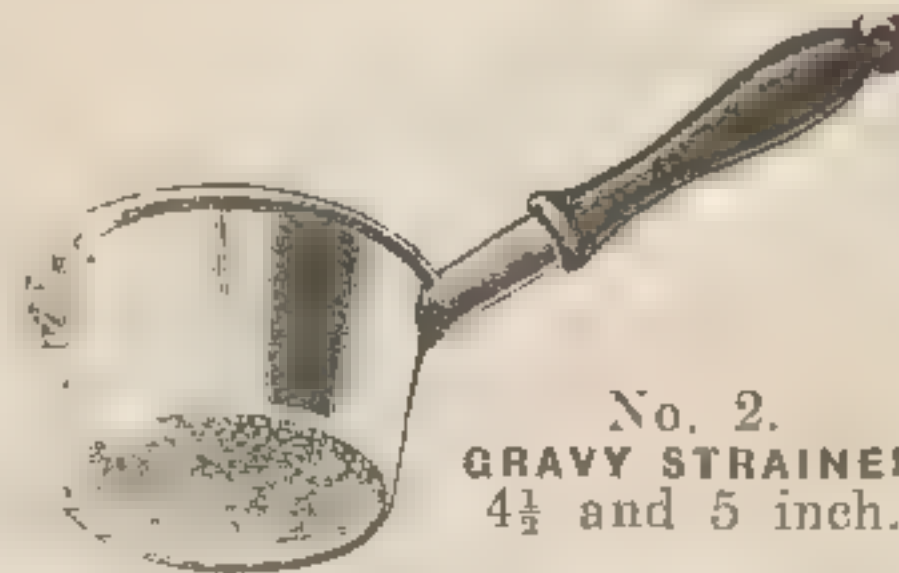
WIRE HANDLE COFFEE STRAINER.
Nos. 1, 2, 3.



OBLONG CAKE COOLERS.
12 inch.



ROUND WIRE CAKE COOLERS.
10, 12, 14 inch.



No. 2.
GRAVY STRAINER.
4½ and 5 inch.



TEA STRAINER FOR
SPOUT.



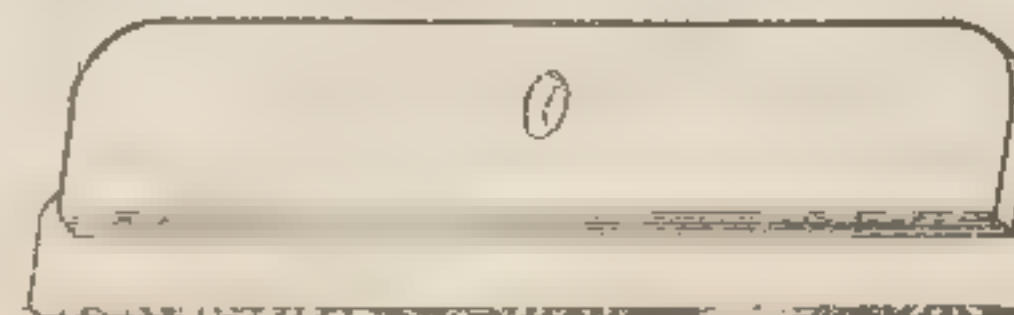
SHERWOOD'S
WOOD HANDLE COFFEE STRAINER.
Nos. 1, 2, 3.



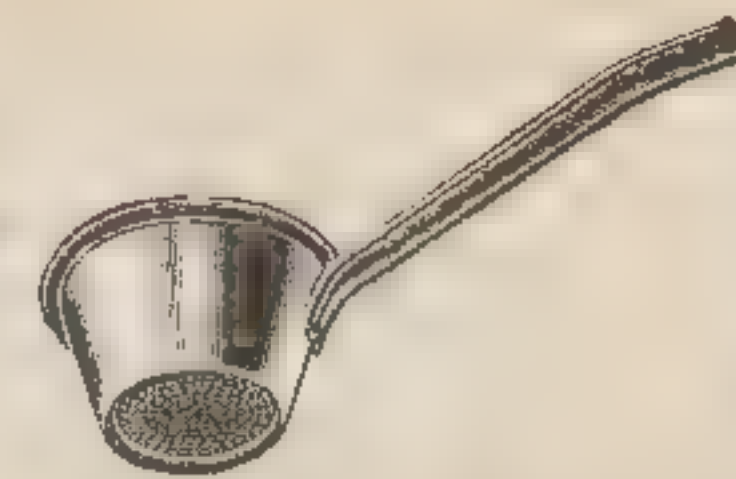
ICE SHREDDER.
Also Ice Picks, Shaves, Hatchets,
Planes, Breakers.



SOAP SAVER.



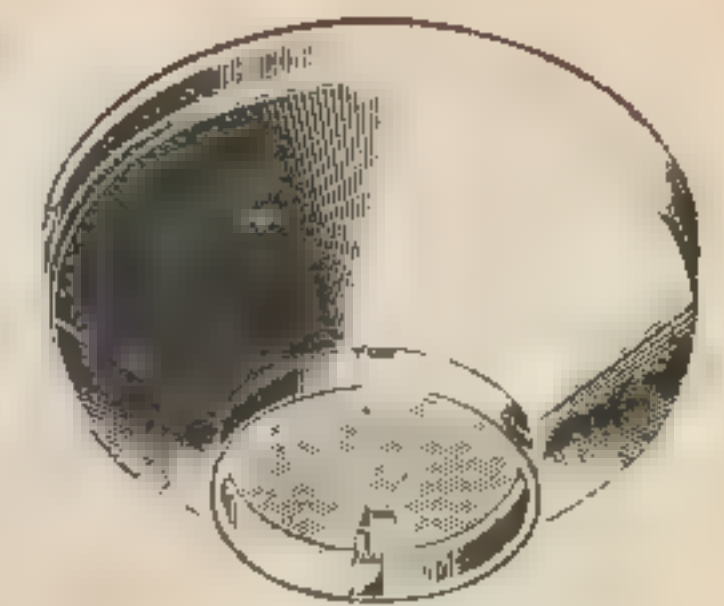
SQUEEGEES.



No. 3.
GRAVY STRAINER.
3 inch.



TIN CUP STRAINER.



MILK STRAINER.

Brass Wire Bottom, 6, 7, 8, 9, 10, 11, 12 in.
Tin
With Loose Bottoms, 6, 8, 9, 10, 11 in.
Tripod, 7, 8, 9, 10, 11, 12 in.

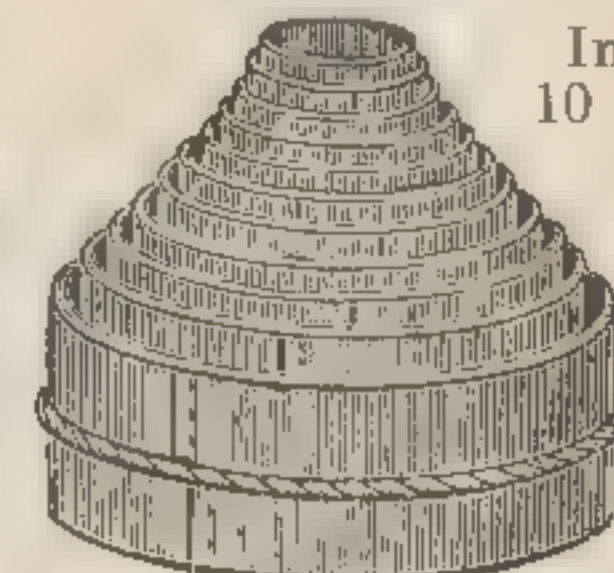


WIRE TEA BALL.
1½, 1¾, 2 inch.



STEEL SKEWERS.

In Sets, 4 to 9, 5 to
10 inch. Tinned Ditto.
4 to 9 inch.

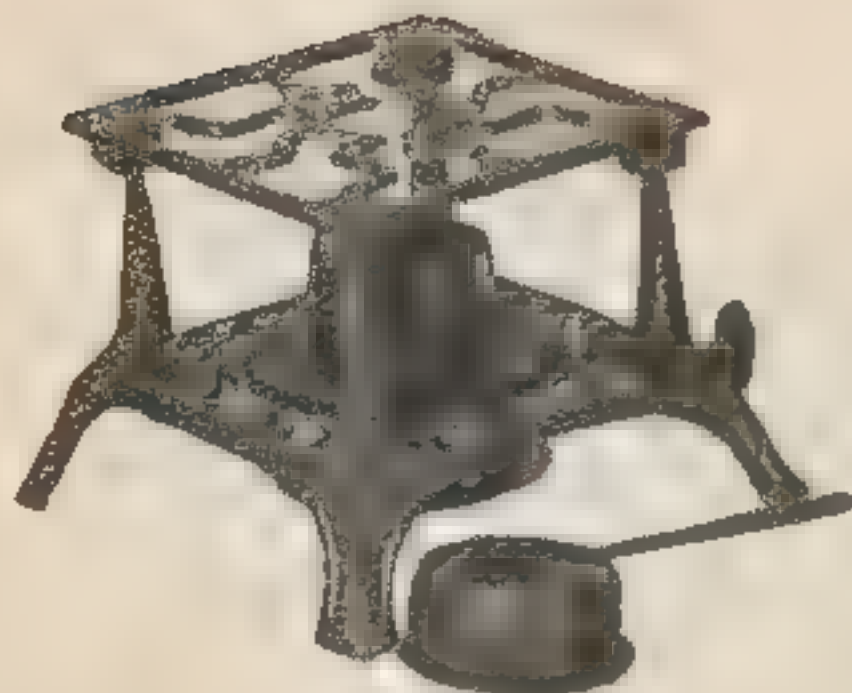


HAIR FLOUR SIEVES.
6, 7, 8, 9, 10, 12, 14 inch.
Brass Wire Ditto, 8, 10, 12,
14, 16, 18, 20 inch x 21 Mesh.
CURRANT SIEVES.

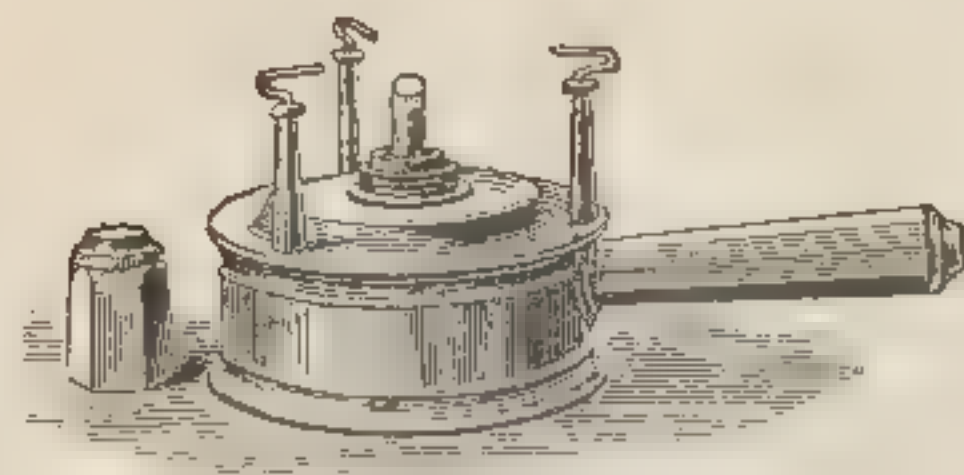


FLOUR SIFTER
"ACME"
and "VICTOR."

Spirit Stoves, Etc.



Brass, Square, Regulating.
,, Round, without Regulator.



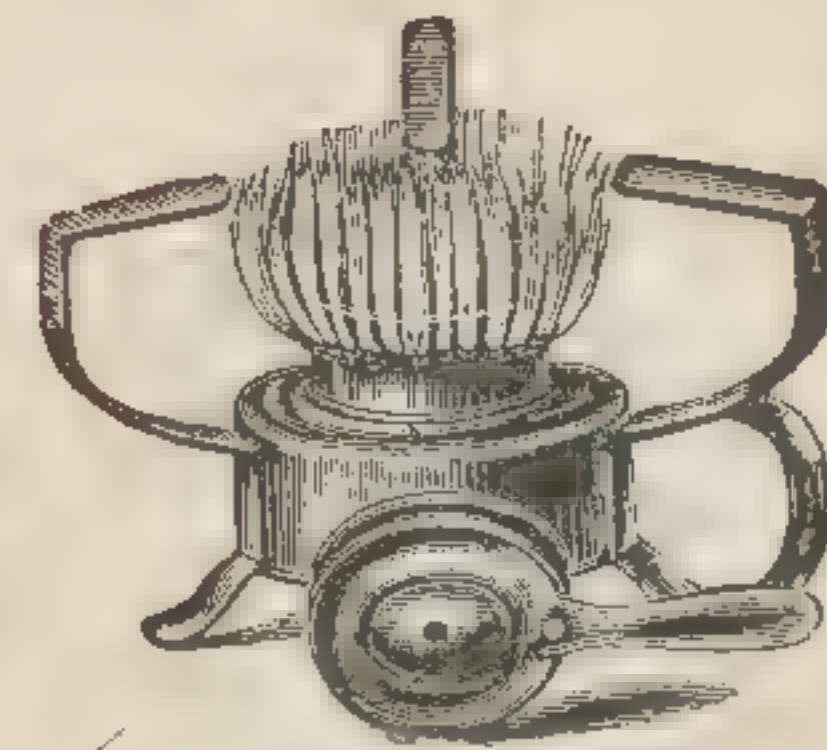
THE RECHAUD.



THE REFORM.



THE UNIVERSAL.
Nos. 2, 3, 5.
Imitation do,
Nos. 1, 2, 3.



THE IDEAL.
Tin and Brass.



THE NEW PROCESS HEATING STOVE.

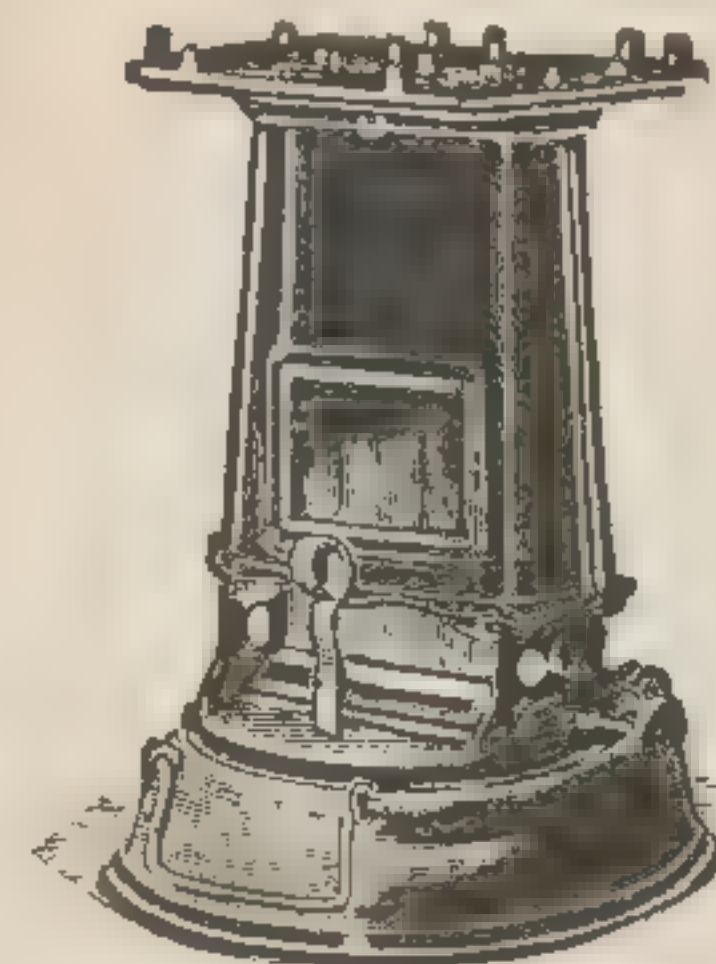


PERFECTION HEATING STOVE.
No. 110, Large.
No. 120, Small.

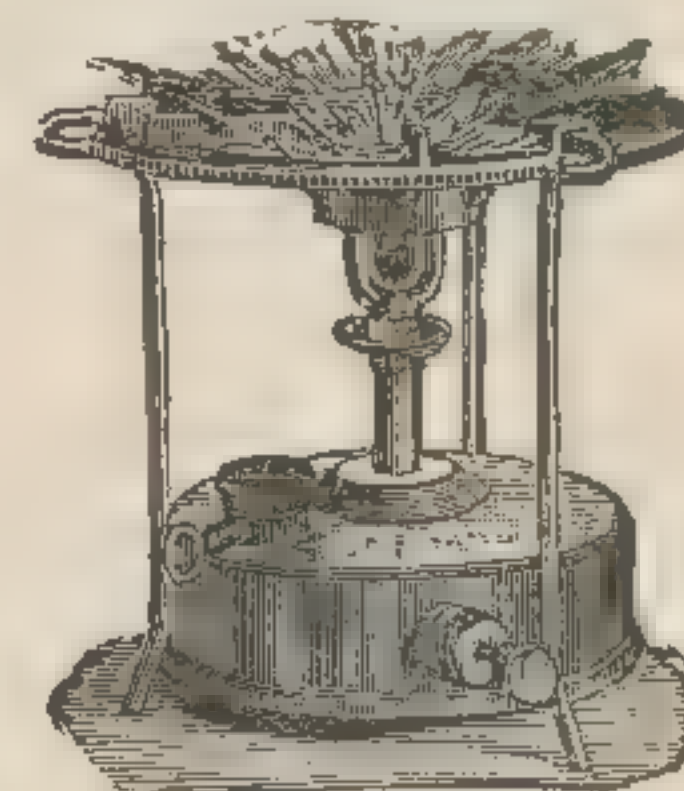


SIREN.

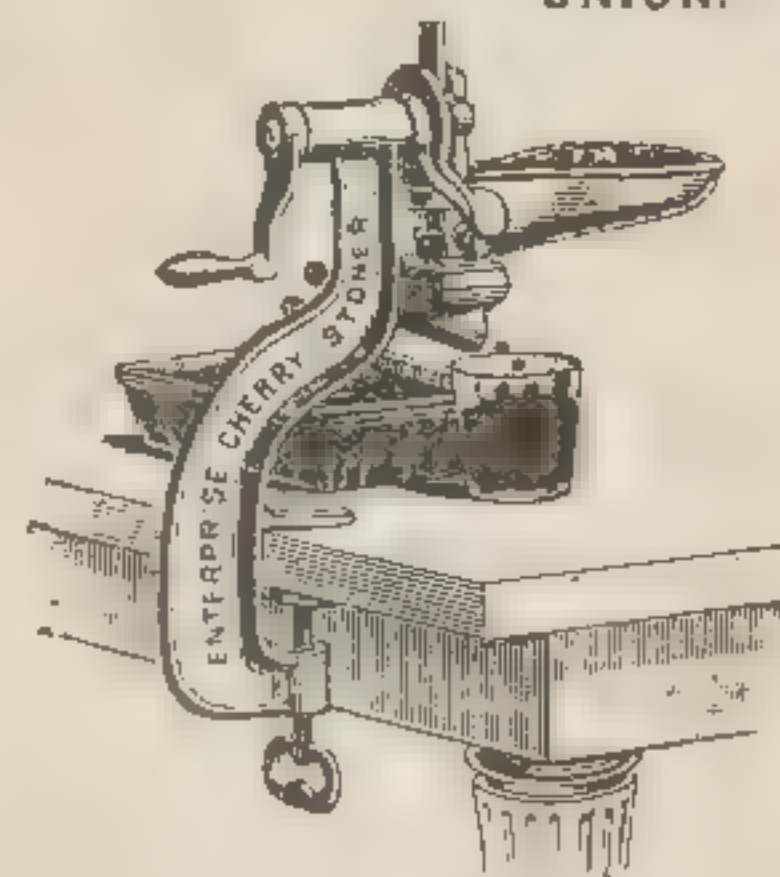
EXTRA WICKS FOR
ALL STOVES.



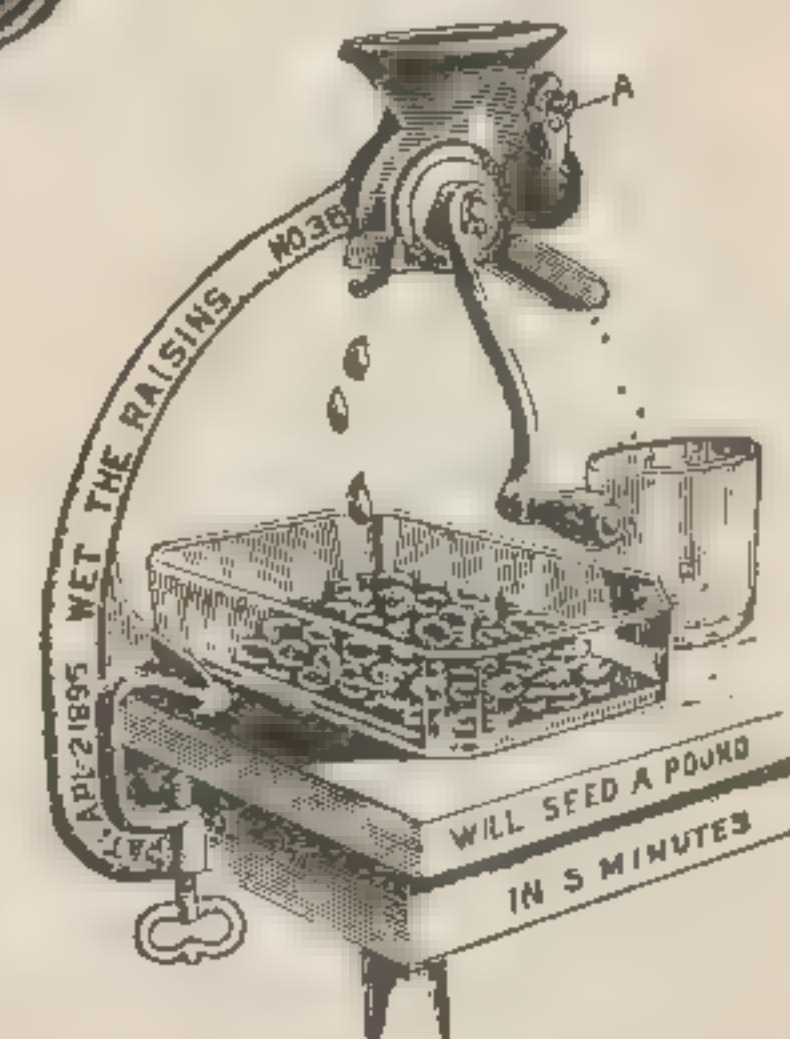
UNION.



THE PRIMUS.
Also, "PRIMUS JUNIOR."
Nos. 1, 5.
And all Extra Parts.



ENTERPRISE CHERRY STONER.



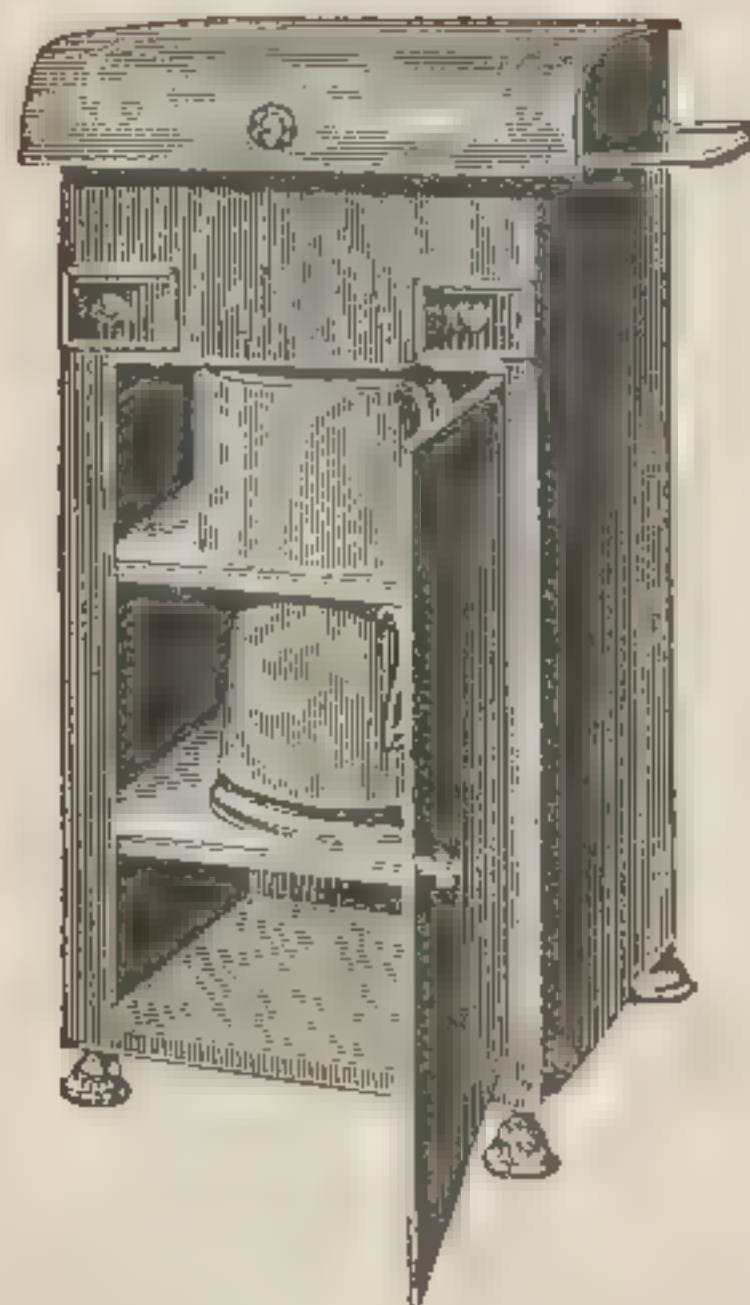
ENTERPRISE RAISIN SEEDER
Also, Crown.

Also other Kerosene Boiling and
Cooking Stoves.
STENCILS—BOWMAN'S,
in sets, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{2}$, 3, 4 inch;
Zinc, in sets of Letters and Figures,
all sizes. Any Plate made to order.

Pumps, Kerosene, Open Top,
Closed Ditto,

Fire Kindlers, Asbestos.

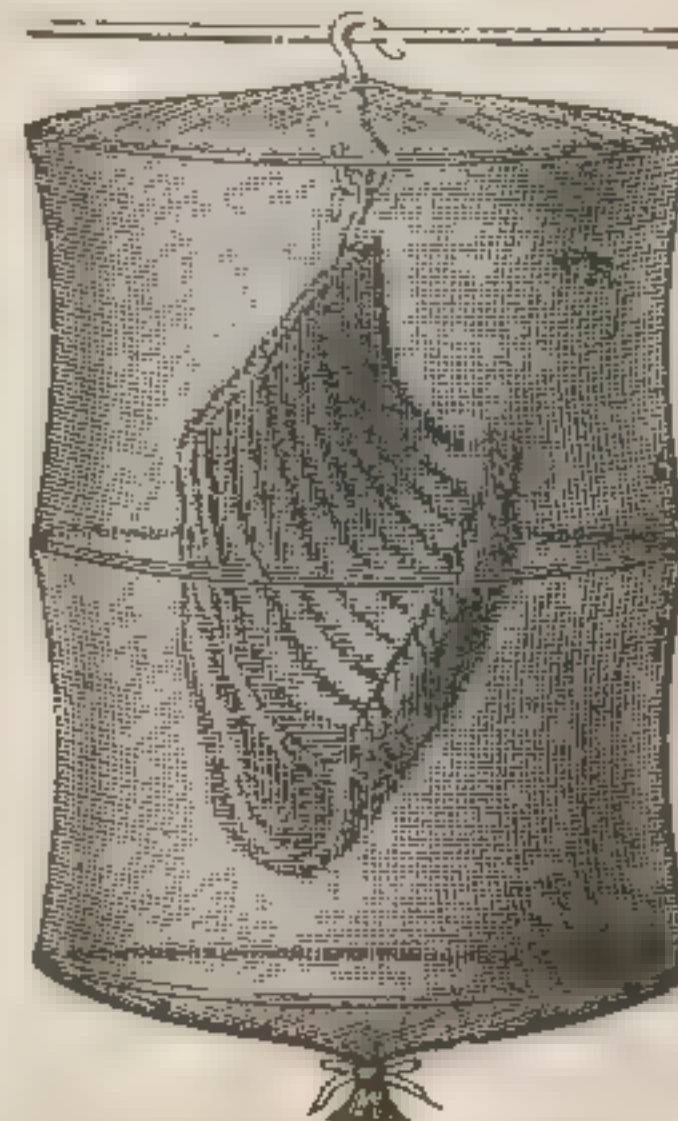
Washstands, Safes, Etc.



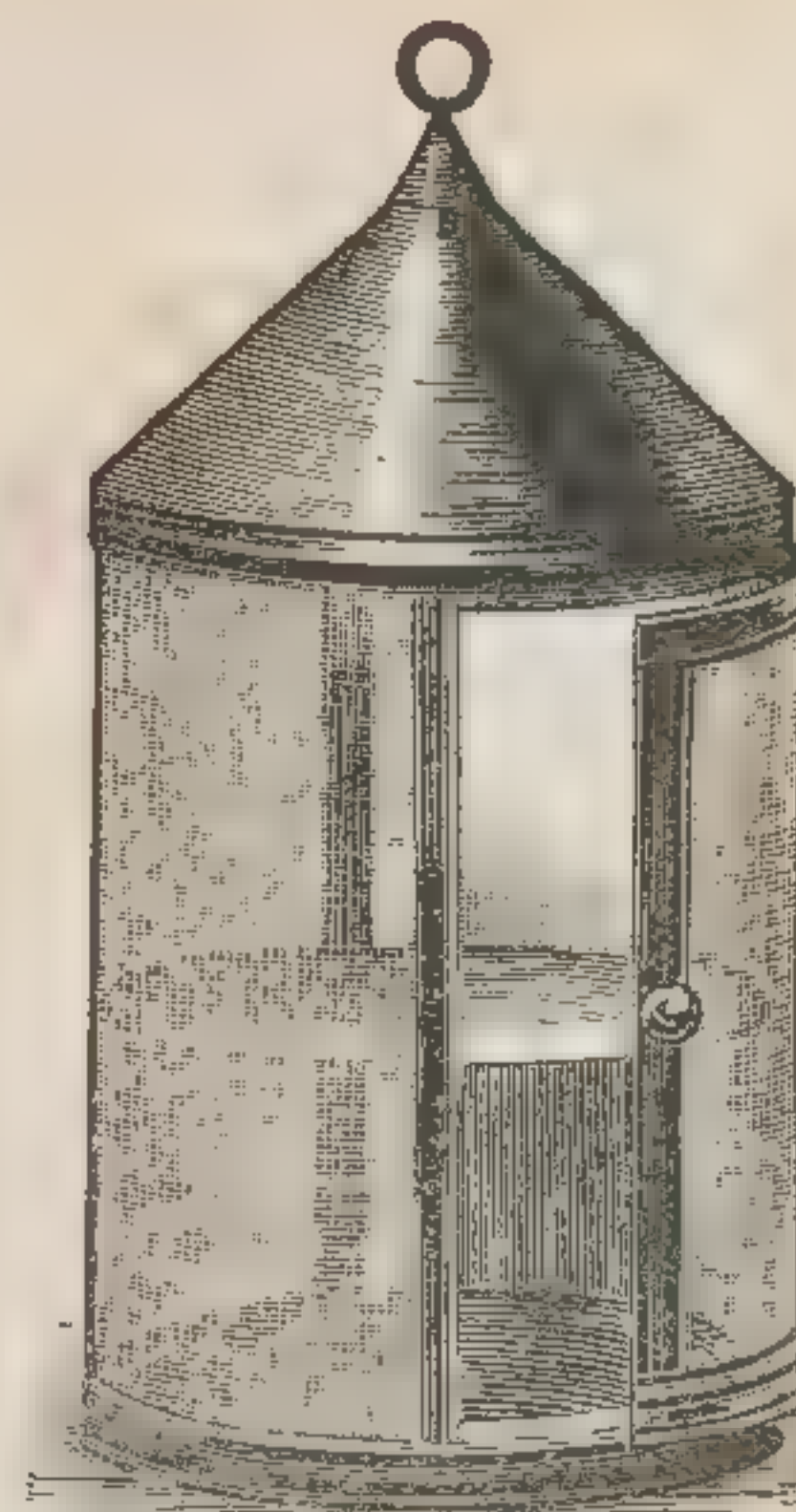
**JAPPANED OAK CABINET WASH-
STAND.**
Various Designs.



TRIPOD WASHSTAND.
Enamelled Fittings.
Japanned Oak Fittings.
also, Square Shape,
and Collapsible Oblong.
Stands only, to suit
32 c m Basins.



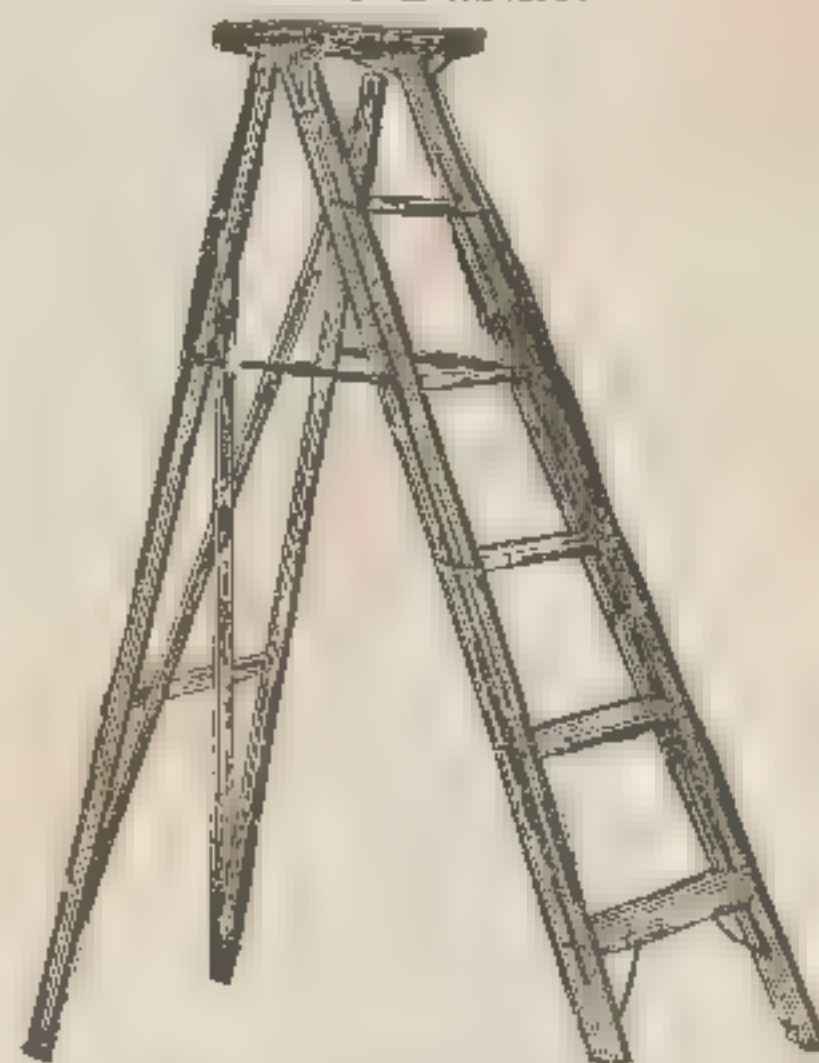
FOLDING MEAT SAFE,
Round or Octagon.
COLONIAL, Square or Round,
4, 16, 18,
20, 22, 24 inch.



PERFORATED MEAT SAFE.
Round or Square.
Sizes, 12 to 24 inch.



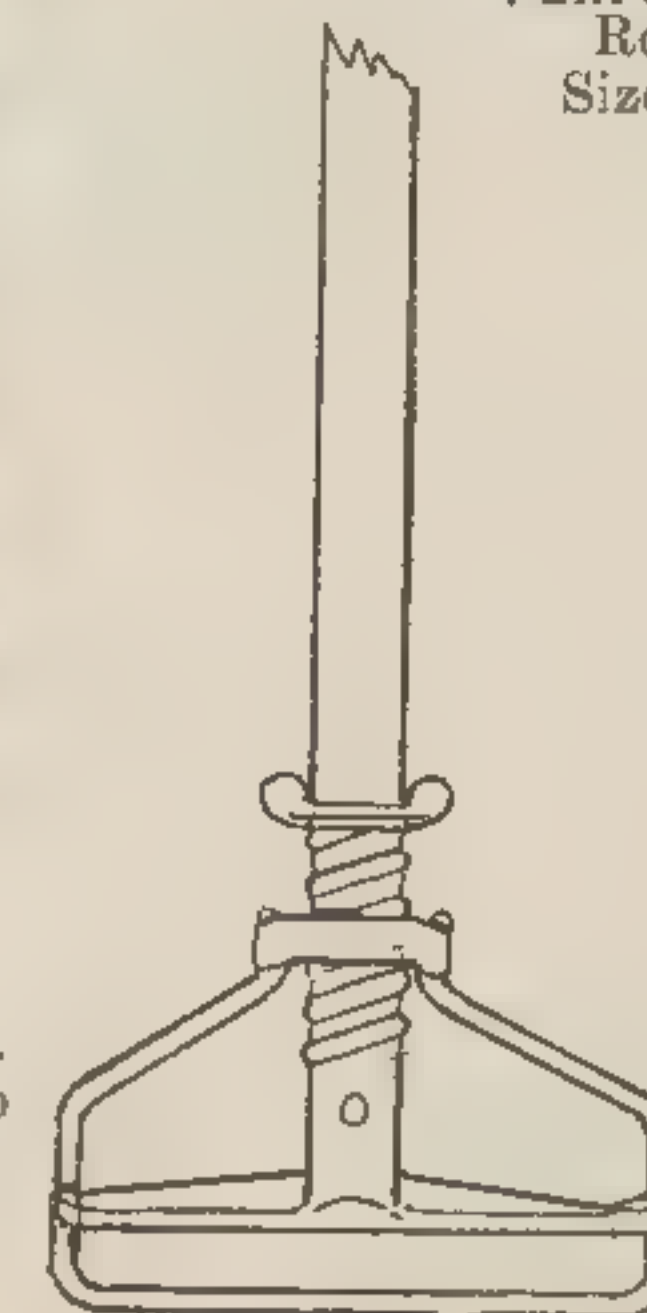
URN.
Block Tin and Nickel-plated, 1,
2, 3, gals.



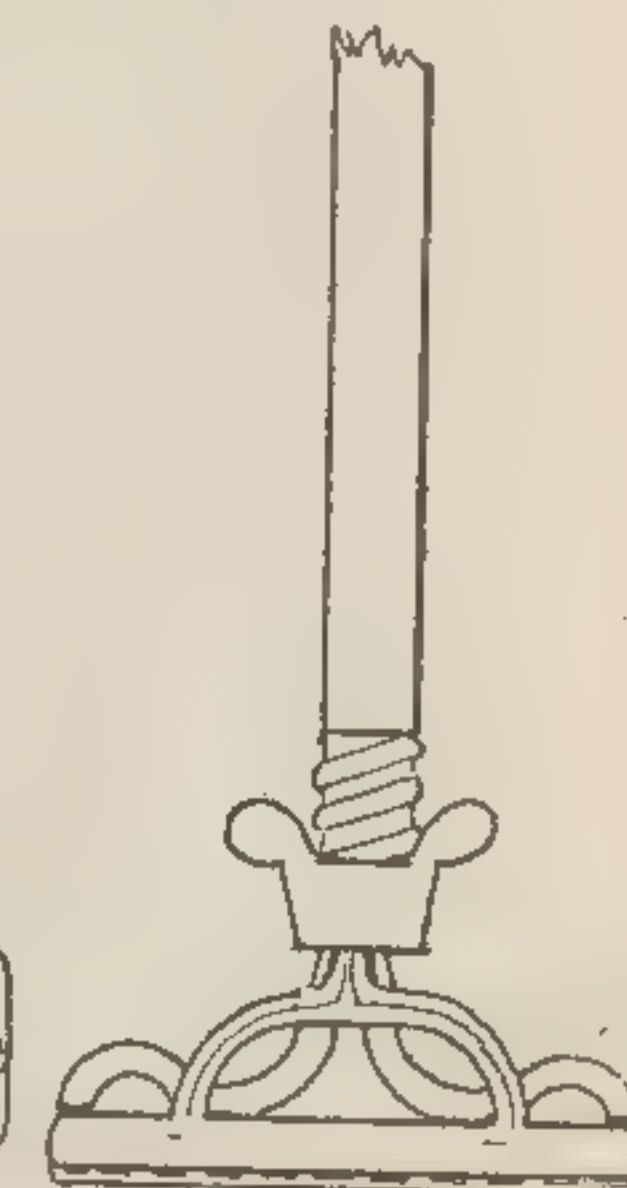
AM. ECLIPSE LADDER.
4, 5, 6, 7, 8, 10 ft
COLONIAL, ditto.
PATENT EXTENSION LADDER.



SICILIAN MARBLE TOP TABLE.
Fancy Cast-iron Stands.
Round—24, 27, 30 inch.
Oblong—48 x 24, 54 x 27 inch.
Special sizes with any Marble to
order.



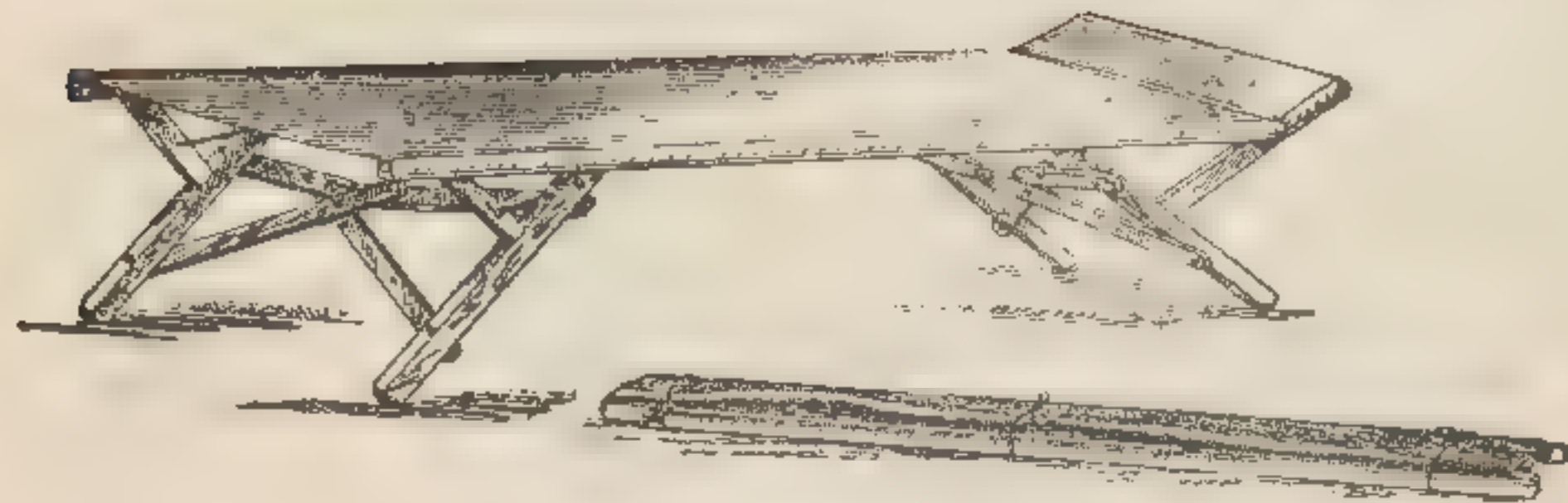
MOP HOLDER.



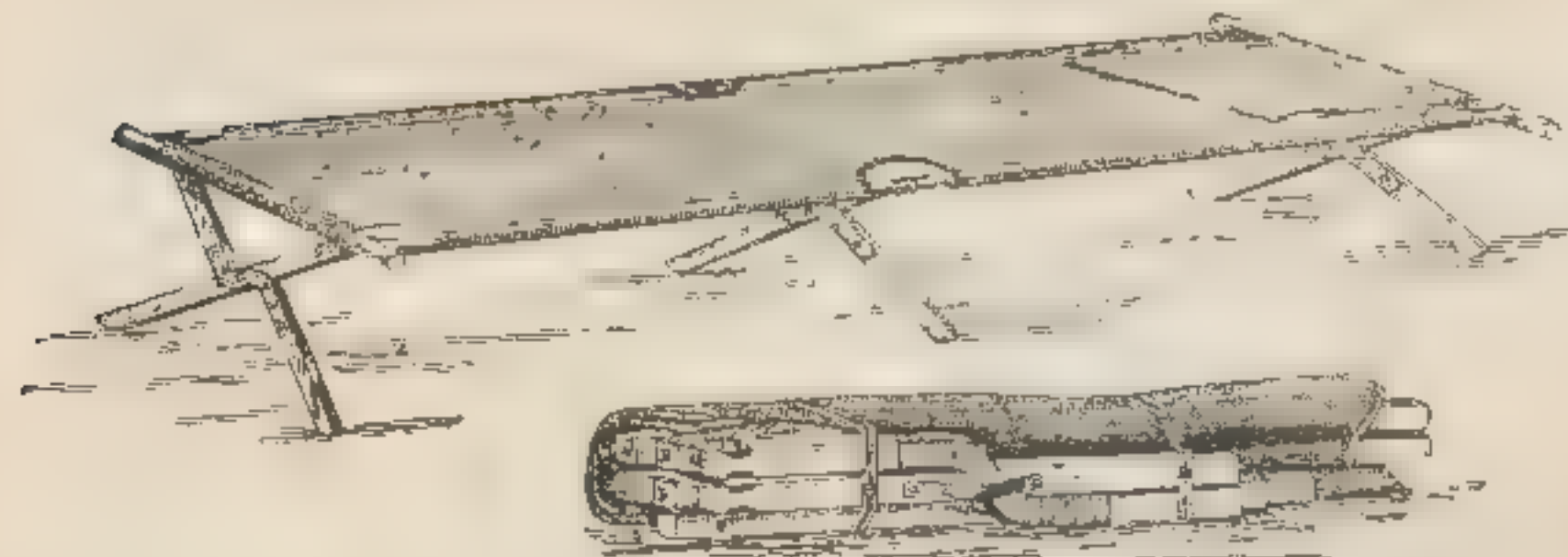
MOP AND BRUSH HOLDER.

WAITERS.—Japanned, Nickel Plated and Oak in Different Sizes and Designs.
WHEELBARROWS, STEEL TOY, Different Sizes. **WEBBING CHAIR.**
WAGGONS, STEEL TOY, Different Sizes. **WARMERS, FOOT.**—Block
Tin, Muntz Metal. **WAX, BOTTLING.**—Red, Green, Blue, Black, Yellow.
WARMERS, BREAKFAST.—American Tin, with Three Divisions.
Copper, Complete with Spirit Lamps.

Stretchers, Scrapers, Etc.



"DAISY" COT. White Canvas.



"GOLD MEDAL" FOLDING STRETCHER. Tan Canvas.
"COMPACT" " " " " "



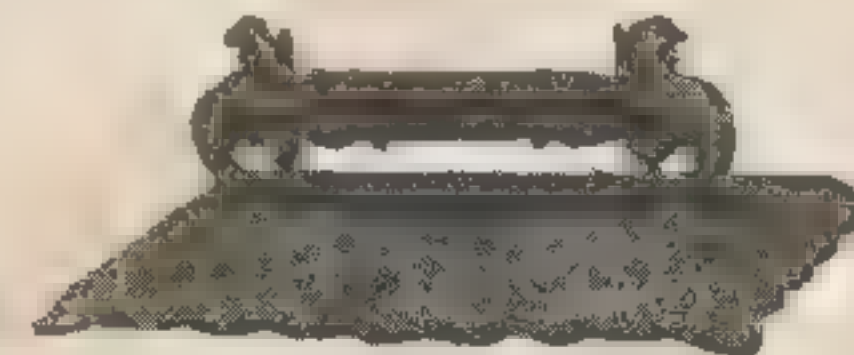
ASHANTEE HAMMOCK ON
SLINGING APPARATUS.
HAMMOCKS.
SEYDEL'S ASHANTEE,
EDWARDS' ditto
in various strengths



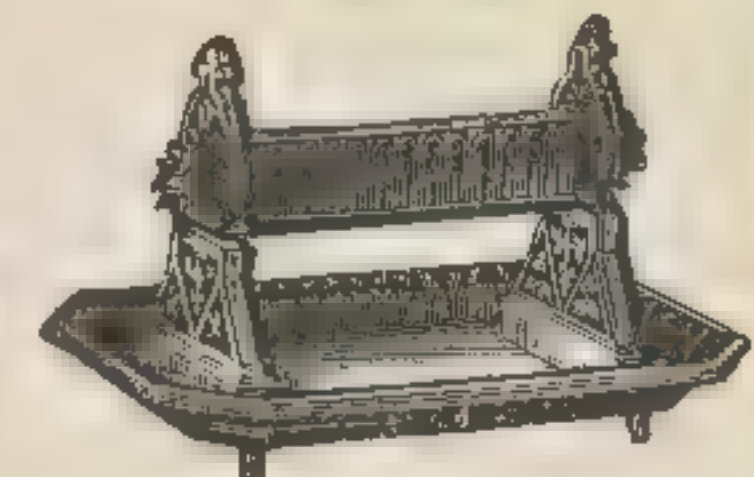
No. 2.



No. 5.



No. 3.
DOOR SCRAPERS.



No. 4.



No. 6.



DOOR SCRAPER, WITH BRUSH.
No. 1.

Cages.



No. 1.

- CANARY CAGES**—Painted, and Brass Wire, also, with Slides.
" " Carrying 6, 8, 9, 11 inch. Weaning 8 inch.
" " Breeding. Redwood, with Moveable Fronts.
PARROT " Round, Black or Galvanized, 12, 14, 16, 18 inch.
" " Square, Heavy Galvanized, 14, 16, 18, 20 inch.
COCKATOO " Round, Galvanized, 20, 22, 24 inch.
Cage Fronts to fit Gin Cases.

SELVYT CLOTHS—SIZES, B, C, D.

SOAP—OAKLEY'S SILVERSMITH.
SOFT SOAP, 1, 2, 4, 7 lb. TINS, OR IN BULK.

CARBOLIC SAND SOAP.

SLATES—SCHOOL, 7 x 5, 9 x 8, 10 x 8,



No. 2

Colonial Tinware.

OVAL TEAPOTS—3, 4, 5, 6, 7, 8, 10, 12 pints.
COFFEE POTS—3, 4, 5, 6, 7, 8 pints.
CAMP KETTLES—1, 1½, 2, 3, 4, 6, 8, 10, 12 quarts.
WASH BASINS—11, 13, 15, 17, 18, 20, 22 inch.
HOLLOWED BASINS—9, 11, 13, 15, 17, 18, 19, 20, 22, 24 inch.
OVAL BAKING DISHES—8, 10, 12, 14, 16, 17, 18, 20 inch.
ROUND MILK DISHES—8, 10, 11, 12, 14, 16, 19, 22 inch.
MILK BUCKETS—10, 11, 12 inch.
MILK STRAINERS—
 " " Brass Bottoms.
MILK SKIMMERS.
MILK CANS—8, 10, 12, 14, 16 quarts.
DIPPERS—1, 2, 3, 4 quarts.
BUSH POTS.
QUART POTS—Half-pints.
OIL BOTTLES—½, 1, 2, 3, 4 gallons.
OIL FEEDERS—½, 1, 2, 3 pints.
FORECASTLE LAMPS—½, 1, 2 pints.

CANDLE MOULDS—6, 12, 24 hole.
TALLOW SKIMMERS.
PUNCHED LANTERNS.
IMPERIAL MEASURES—½, 1, 2 pints.
IMPERIAL MEASURES—½, 1, 2 gallons.
FUNNELS—½, 1, 2, 3, 4, 8, pints.
BREAD TINS—2, 4, 6, 8, 10 lb.
CAKE TINS—5, 6, 7, 8, 9, 10, 11, 12 inch.
COLANDERS—12, 13 inch.
TIN SCOOPS—3, 4, 5, 6, 7, 8, 9, 10 in.
YORKSHIRE PUDDING PANS—12 x 8, 14 x 9, 16 x 11, 18 x 13, 20 x 14 in.
PROSPECTING PANS—15½, 17½ inches.
BALERS—6, 8 inch.
SHEPHERD'S FLASKS—2, 3, 4 quarts.
STOCKMAN'S CANTEENS.
 " " Hinged.
HOOK POTS.
COCKATOO STANDS. Nos. 1, 2.

Japanned Ware.

WATERING POTS, Painted ½, 1, 1½, 2, 3, 4, 5 gallons.
BEDROOM WATER CANS, Japanned 6, 8, 10, 12 quarts.
BEDROOM WATER CANS, Oaked—6, 8, 10, 12 quarts.
SLOP BUCKETS, Japanned—Small, medium, large.
 " " Oaked—Small, medium, large.

CANDLE BOXES, Plain.
DUST PANS, Japanned.
TEA CANISTERS, Japanned—1, 2, 3, 4, 5, 6 lbs.
SUGAR BOXES, Japanned, per nest of 6.
COAL HODS, Japanned—15, 17, 18 in.

Colonial Galvanized Iron Ware.

ROUND TUBS—with Hoop Iron Bottoms—
 per nest of 5 tubs (16 to 24 inches) 26/-
 " 5 " (18 to 26 inches) 31/-
 " 6 " (18 to 28 inches) 41/-
 Single—3/4" 4/- 5/- 6/4 7/4 8/4 10/-
 16 18 20 22 24 26 28 inches.
OVAL TUBS, with Hoop Iron Bottoms—
 per nest of 4 tubs (18 to 24 inches) 21/4
 " 5 " (18 to 26 inches) 29/8
 " 6 " (18 to 28 inches) 39/8
 Single—3/8" 5/- 6/- 6/8 8/4 10/-
 18 20 22 24 26 28 inches.
BUCKETS, seamed—
 16/- 20/- 23/4 26/8 33/4 40/-
 10 11 12x10 12x11 13 14 inches
BUCKETS, strapped—26/8 30/- 44/8 53/4
 11 12x11 13 14 inches

WELL BUCKETS—17/- 23 6 25/- 33,6 each.
 8 10 12 16 gallons.
CRANKED HANDLED BUCKETS—60/-.
DIPPERS—14/6 21/- 28/-
 2 3 4 quarts.
COAL HODS—61/- 72/- 89/-
 17 18 20 inches.
SCOOPS—13/6 15/6 20/- 24/6 26/- 30/-
 5 6 7 8 9 10 inches.
SLOP BUCKETS—small, 58/-; medium, 68/-; large, 78/-.
BOILER FILLERS—46/- 56/- 80/- 96/-
 1 2 3 4 gallons.
WATERING POTS—28/- 40/- 45/- 49/- 69/- 74/- 90/-
 ½ 1 1½ 2 3 4 5 gallons

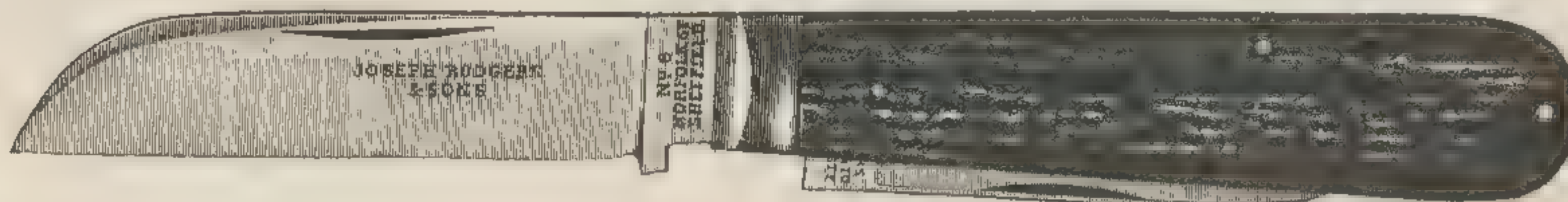
Knives.

POCKET, PEN, CASTRATING, BUDDING, LOCK, PRUNING, SPORTSMEN'S KNIVES OF ALL DESCRIPTIONS, WITH COCOA, BONE, IVORY, PEARL, STAG, BUFF AND NICKEL HANDLES.

Rodgers, Harrison Bros. & Howson, Ibbotson (Slash), Singleton & Priestman, Southern and Richardson's, Brooksparks, Eye Witness, and other makers.



No. 1.



P330. Buff, 1 Blade, 3½ inch. P395. Buff, Stag, Cocoa, 2 Blades, 3½ inch. P395. Buff, Stag, Cocoa, 2 Blades, 3½ inch.



SPEAR BLADE.
P394. Stag, 2 Blades, 3½ and 3½ inch.



No. 8.



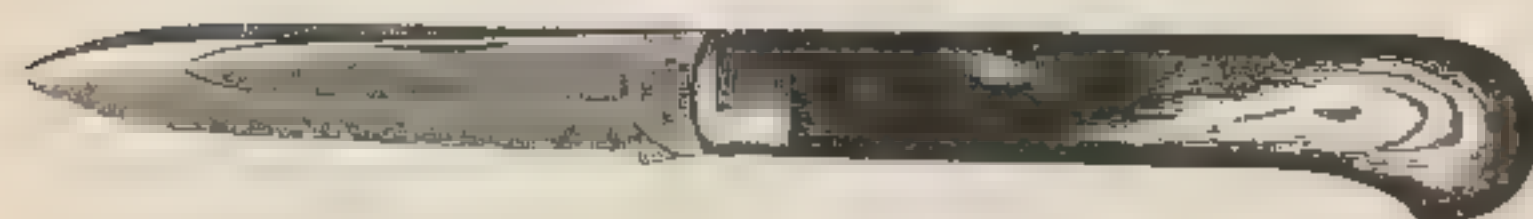
No. 2.



No. 3.



No. 4.



No. 5.



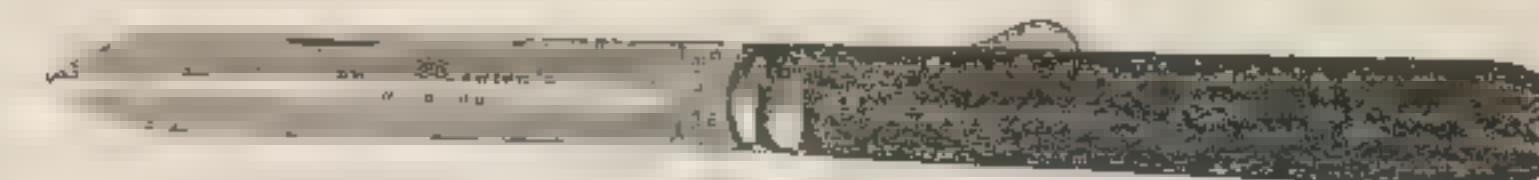
No. 6.



No. 7.



No. 9.



No. 10.



No. 11.



No. 12.

Knives—Continued.



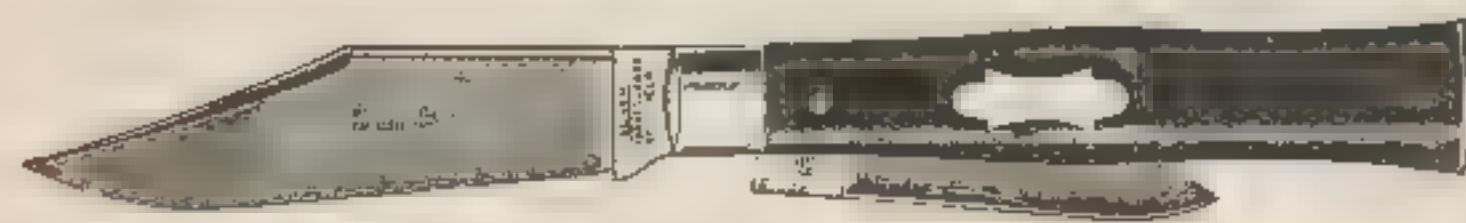
No. 13.



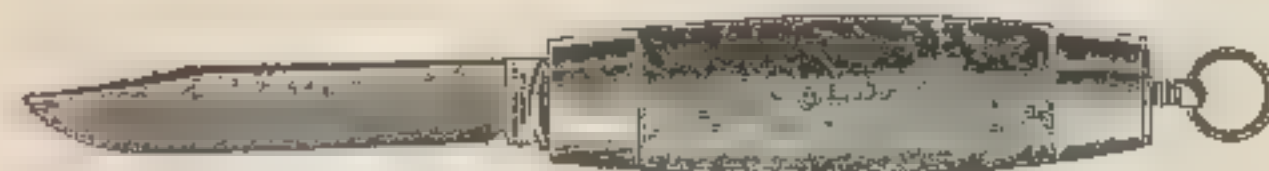
No. 21.



No. 27.



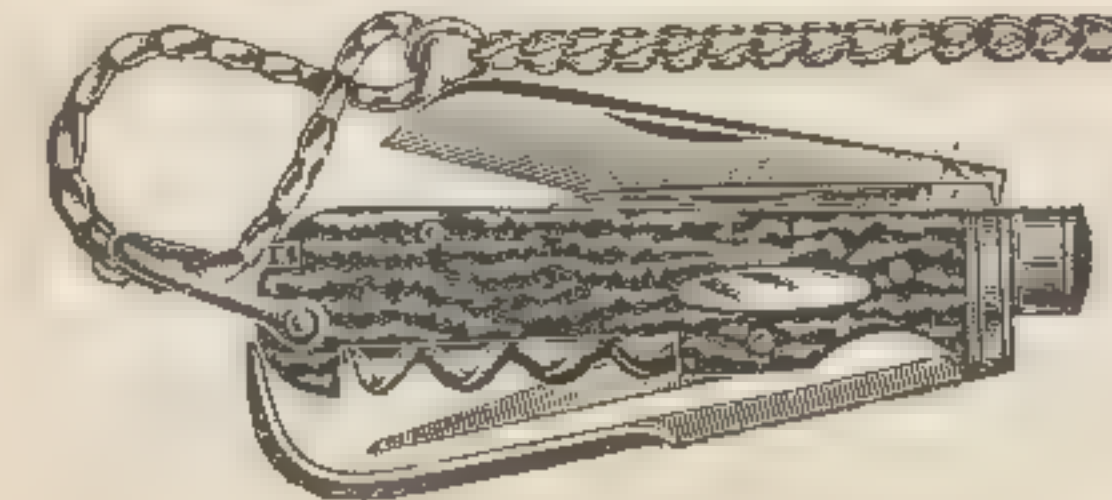
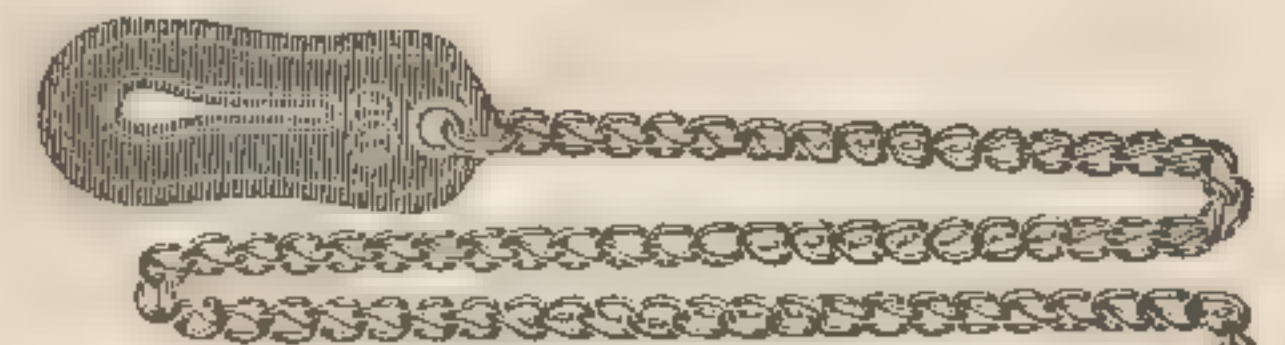
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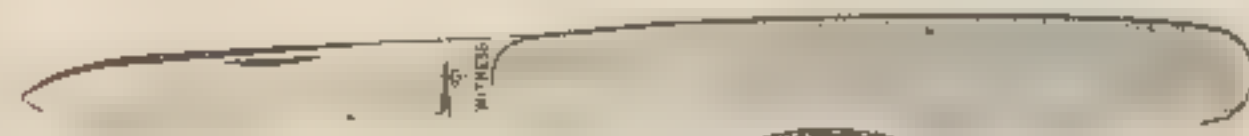
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No. 22.



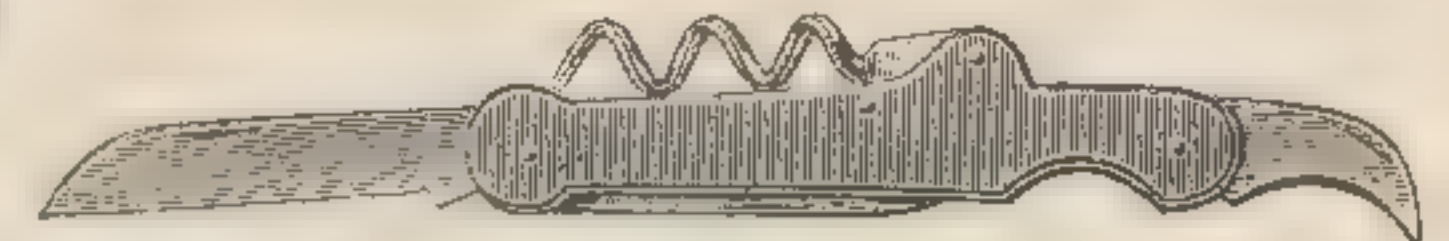
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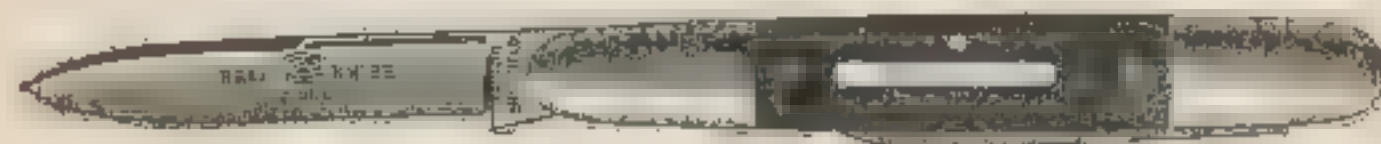
No. 16.



No. 23.



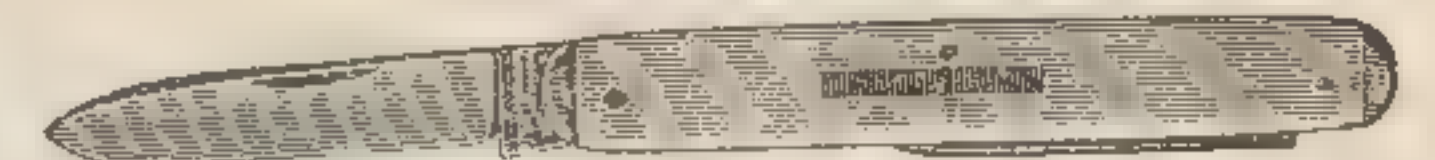
No. 29.



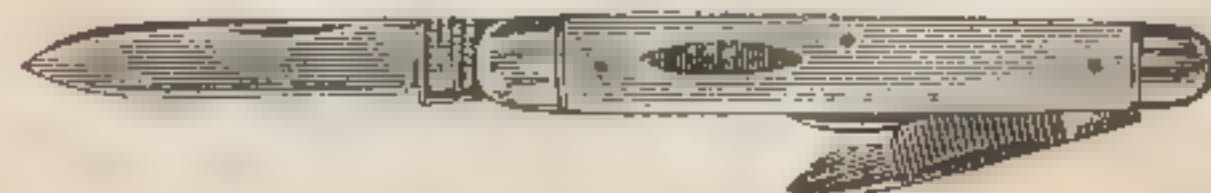
No. 17.



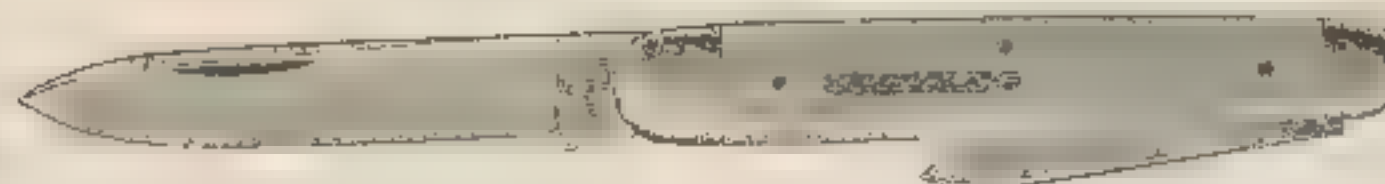
No. 24.



No. 30.



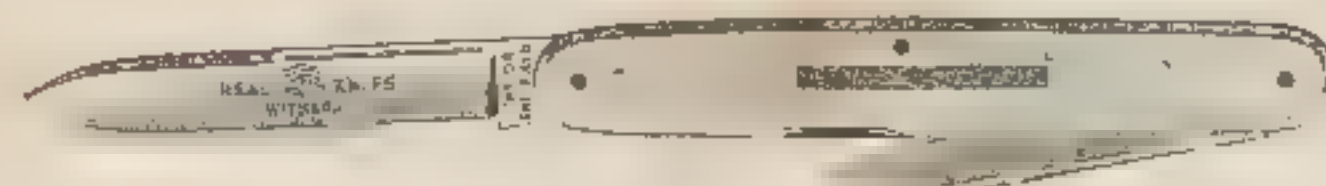
No. 18.



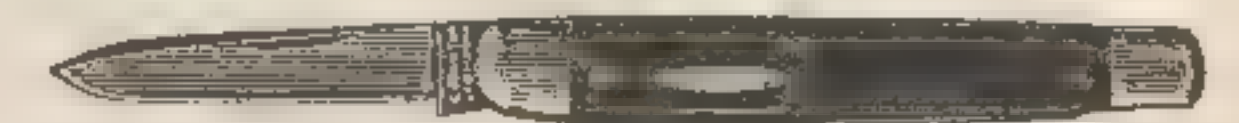
No. 25.



No. 31.



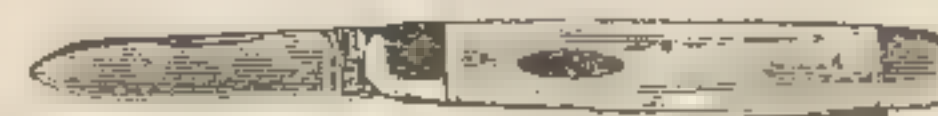
No. 19.



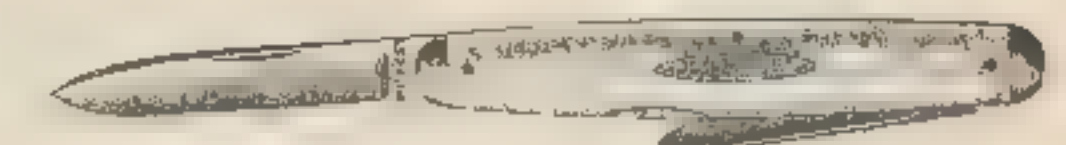
No. 32.



No. 20.

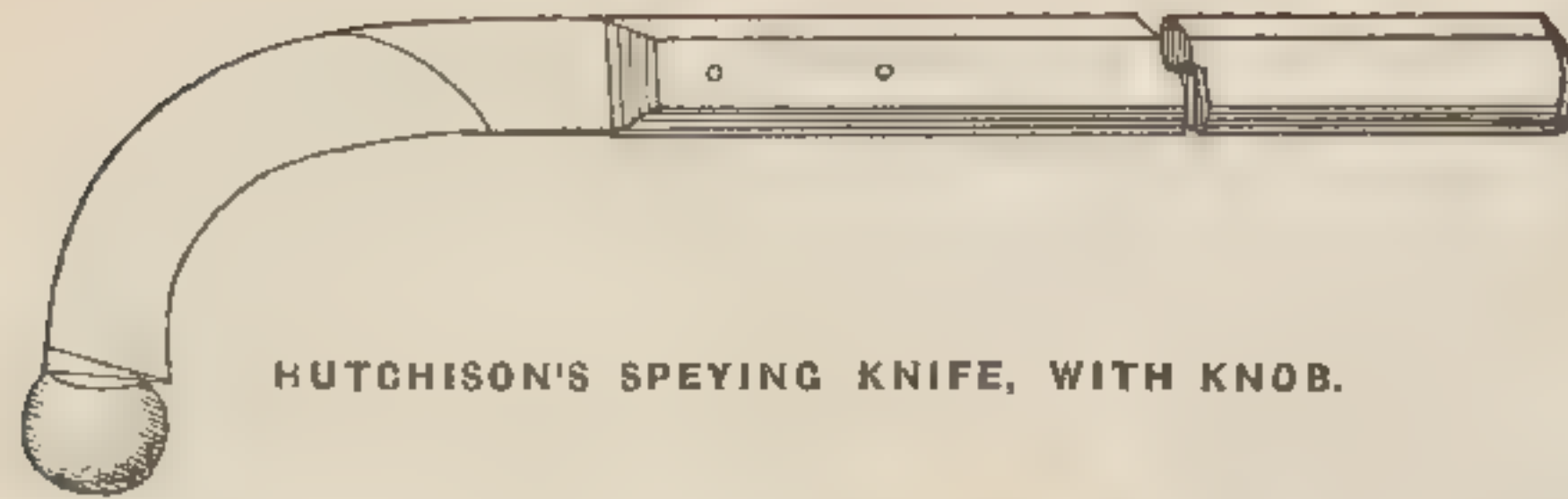


No. 26.

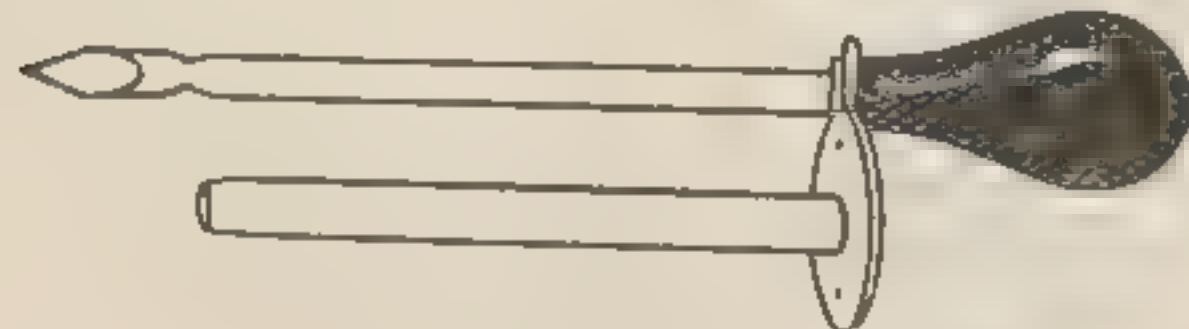


No. 33.

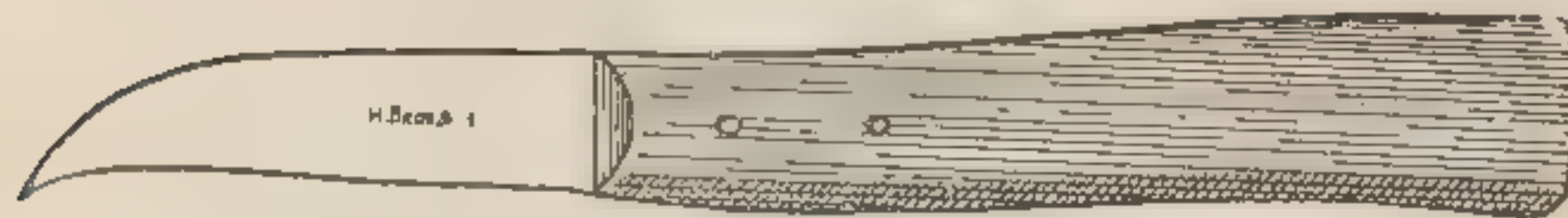
Knives, Etc.



HUTCHISON'S SPEYING KNIFE, WITH KNOB.



TROCARS AND CANCELAS,
For Cattle.



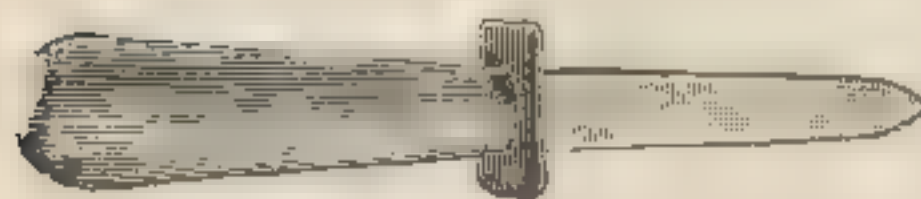
S. & R. RODGERS, HARRISON BROS. and
HOWSON'S FAST HANDLE FOOT ROT KNIFE.



FLEAMS.
1, 2, 3 blade.



OYSTER KNIFE,
No. 1.



OYSTER KNIFE,
No. 2.
Dickinson, and cheaper.



BUDDING KNIFE, PRUNING KNIFE.
H. B. and H. or Saynor's.

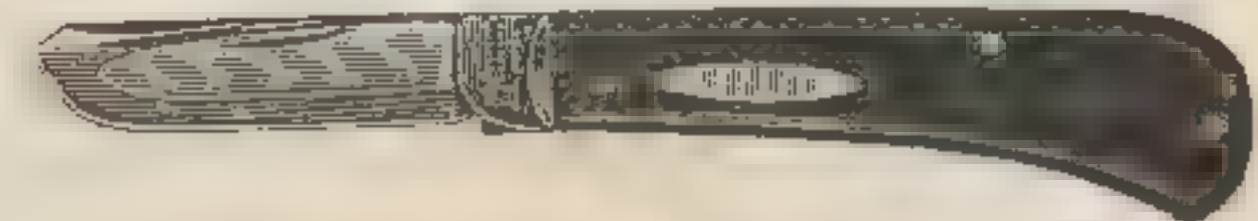


VEGETABLE KNIFE.



FRENCH COOK'S KNIFE.
4, 5, 6, 7, 8, 9, 10, 12, 14 inch.

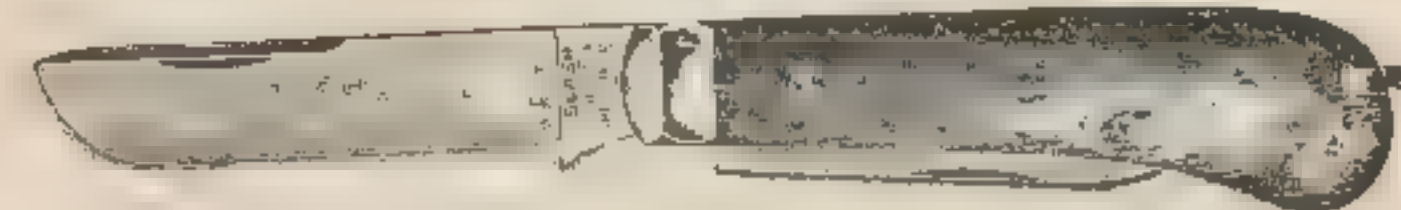
CASTRATING KNIVES.



No. 34.



No. 35.



No. 36.



No. 37.



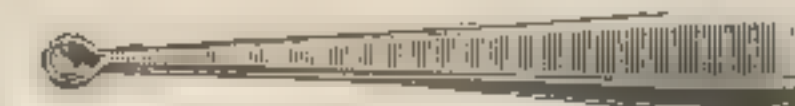
CAST CLAM, N.P.



No. 1.



No. 2.



No. 3.

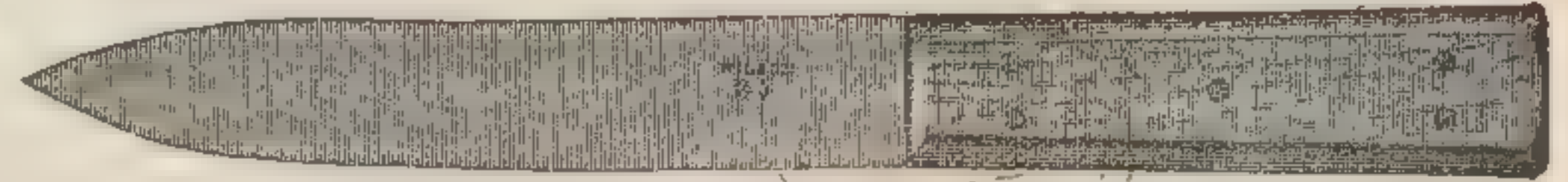


No. 4.
TWEEZERS,
Assorted
Sizes.

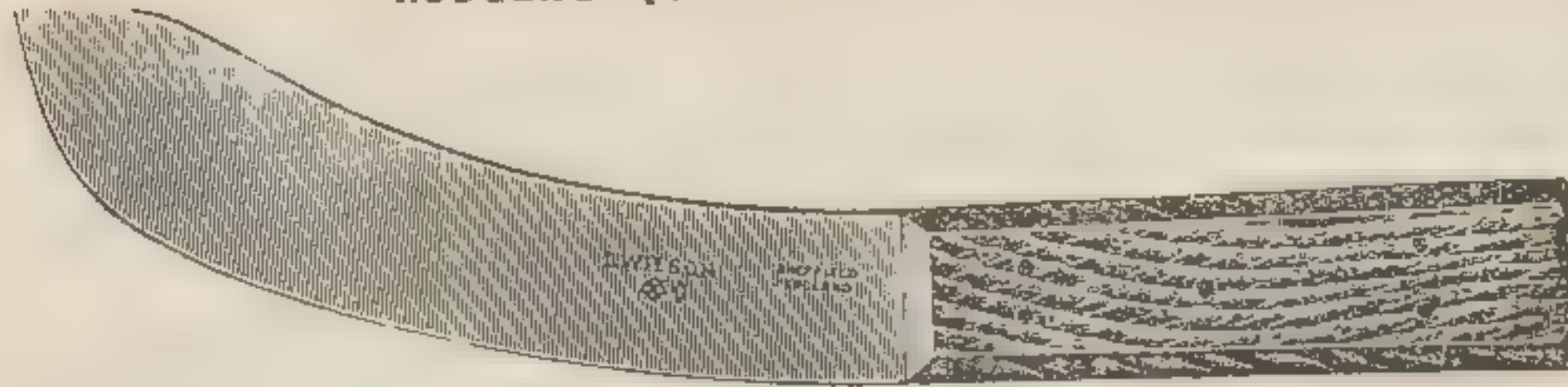
Butchers' Knives, Etc.



RODGER'S QUEENSLAND KNIFE, 5, 5½, 6 in.



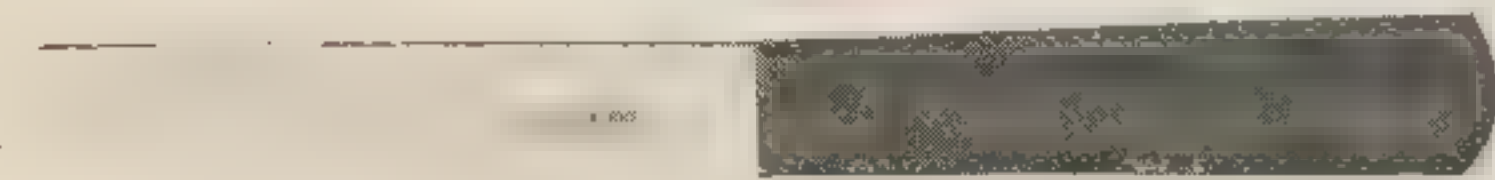
WILSON'S STICKING KNIFE, 6, 6½ inch.
GREEN RIVER, ditto, 6, 6½ inch.



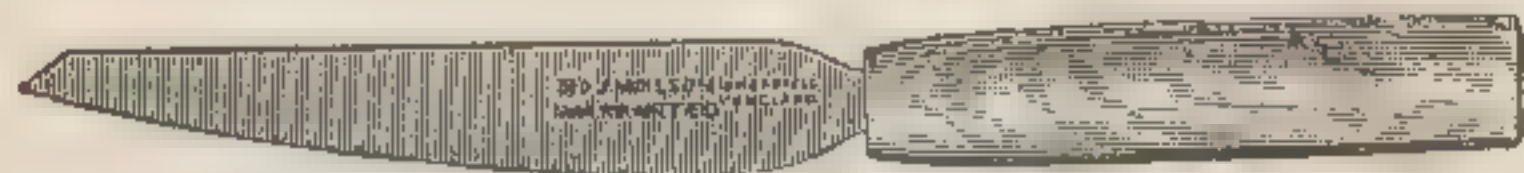
WILSON'S SKINNING KNIFE, 6, 6½, 7 inch.
GREEN RIVER, ditto, 6, 6½, 7 inch.



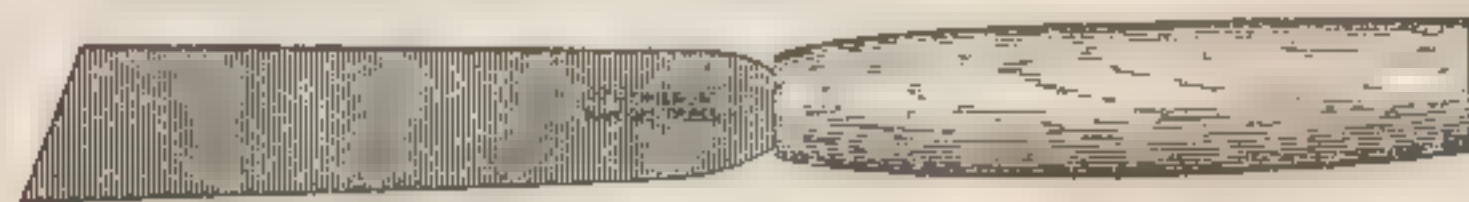
WILSON'S BUTCHER'S KNIFE, 6, 6½, 7, 8, 9, 10 in.
GREEN RIVER, ditto, ditto.



BARNSELEY'S IMPROVED SHOE KNIFE.



WILSON'S TAPER POINT SHOE KNIFE.



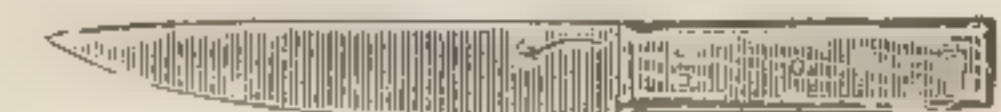
WILSON'S SQUARE POINT SHOE KNIFE.



WILSON'S ROUND POINT SHOE KNIFE.



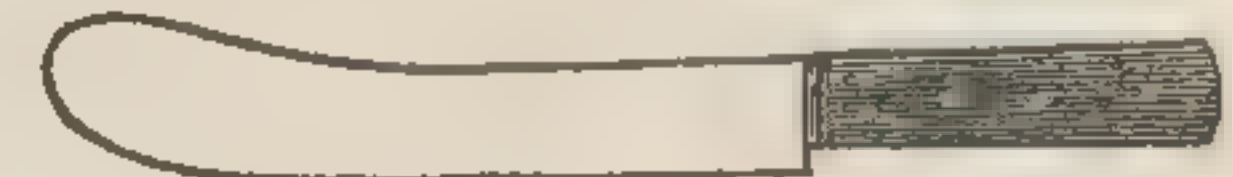
RABBITTER'S SET.



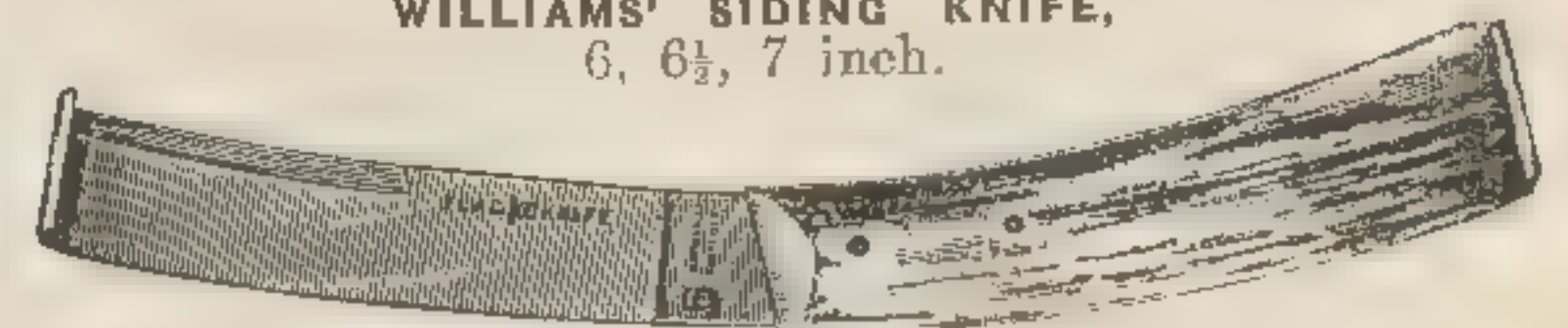
WILLIAMS' STICKING KNIFE,
6, 6½, 7 inch.



WILLIAMS' BUTCHER'S KNIFE,
4½, 5, 5½, 6, 6½, 7, 8, 9, 10, 12, 14, 16, 18 inch.



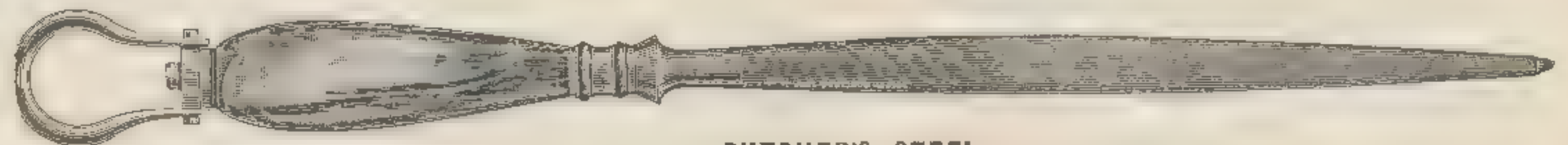
WILLIAMS' SIDING KNIFE,
6, 6½, 7 inch.



FARRIER'S KNIFE. Single and Double.
HELLER'S, BROOKSBANK'S, LONG'S,
RODGER'S, JOHNSON'S.
Also FARRIER'S SEARCHERS.



WHEEL KNIFE SHARPENER.

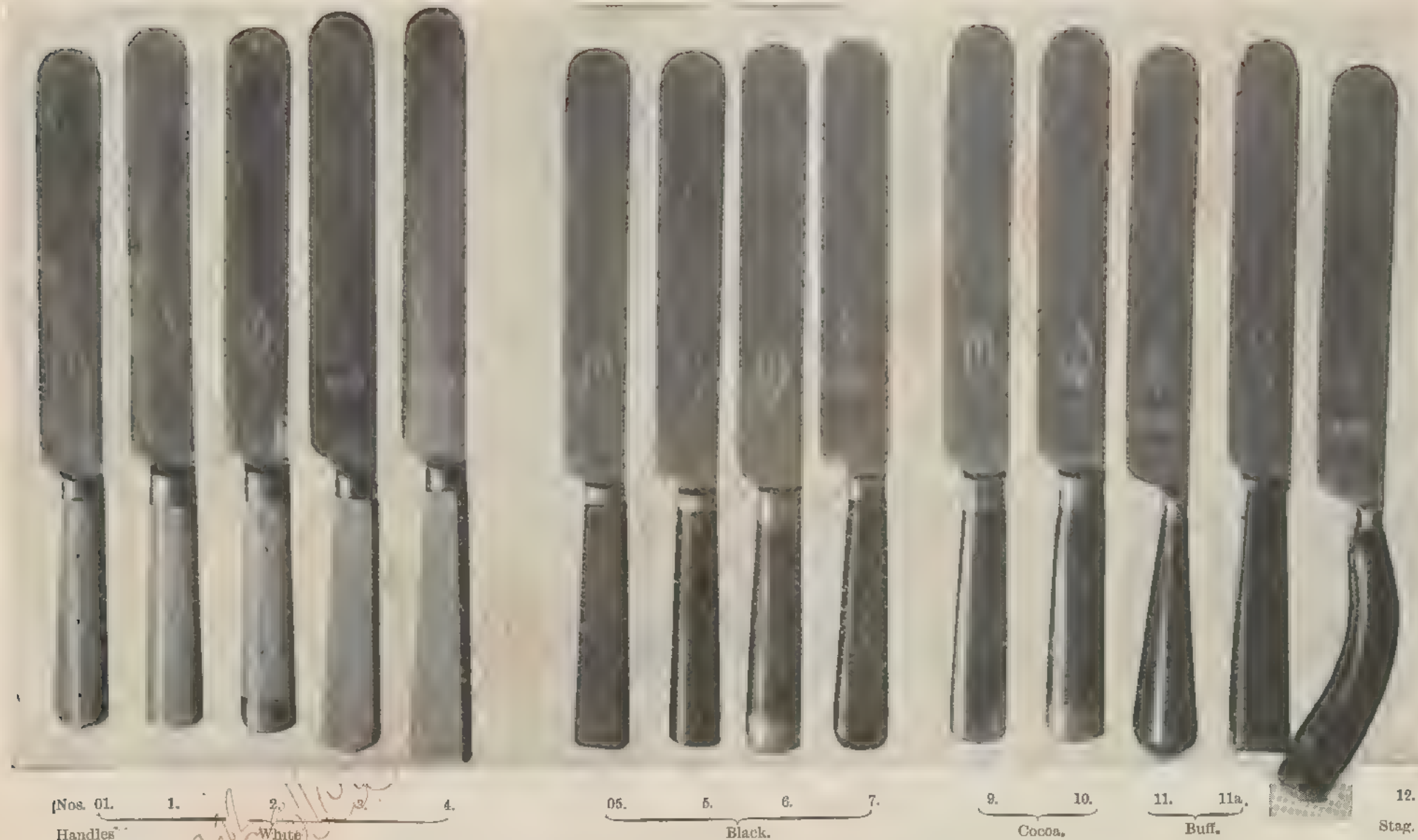


BUTCHER'S STEEL.

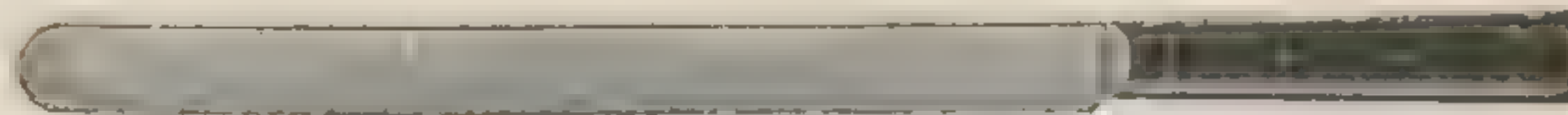
WILLIAMS'. Rose, Stag, Buff and Bone Handles, 10, 11, 12 inch.
Also, LOCKWOOD'S, DICKINSON'S, WILSON'S, and other Makers.

SHEATHS for all Knives can be supplied.

Table Sets.



SOUTHERN AND RICHARDSON'S, AND DICKINSON'S TABLE SETS (Forks to Match).
Carvers and Table Steels suitable for the above, with Bone, Stag, and Buff Handles

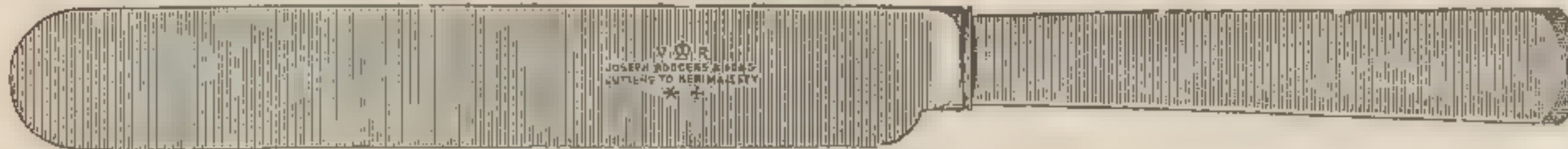


HAM KNIFE.
DICKINSON'S EYE WITNESS and RODGER'S.
10, 11, 12 inch.

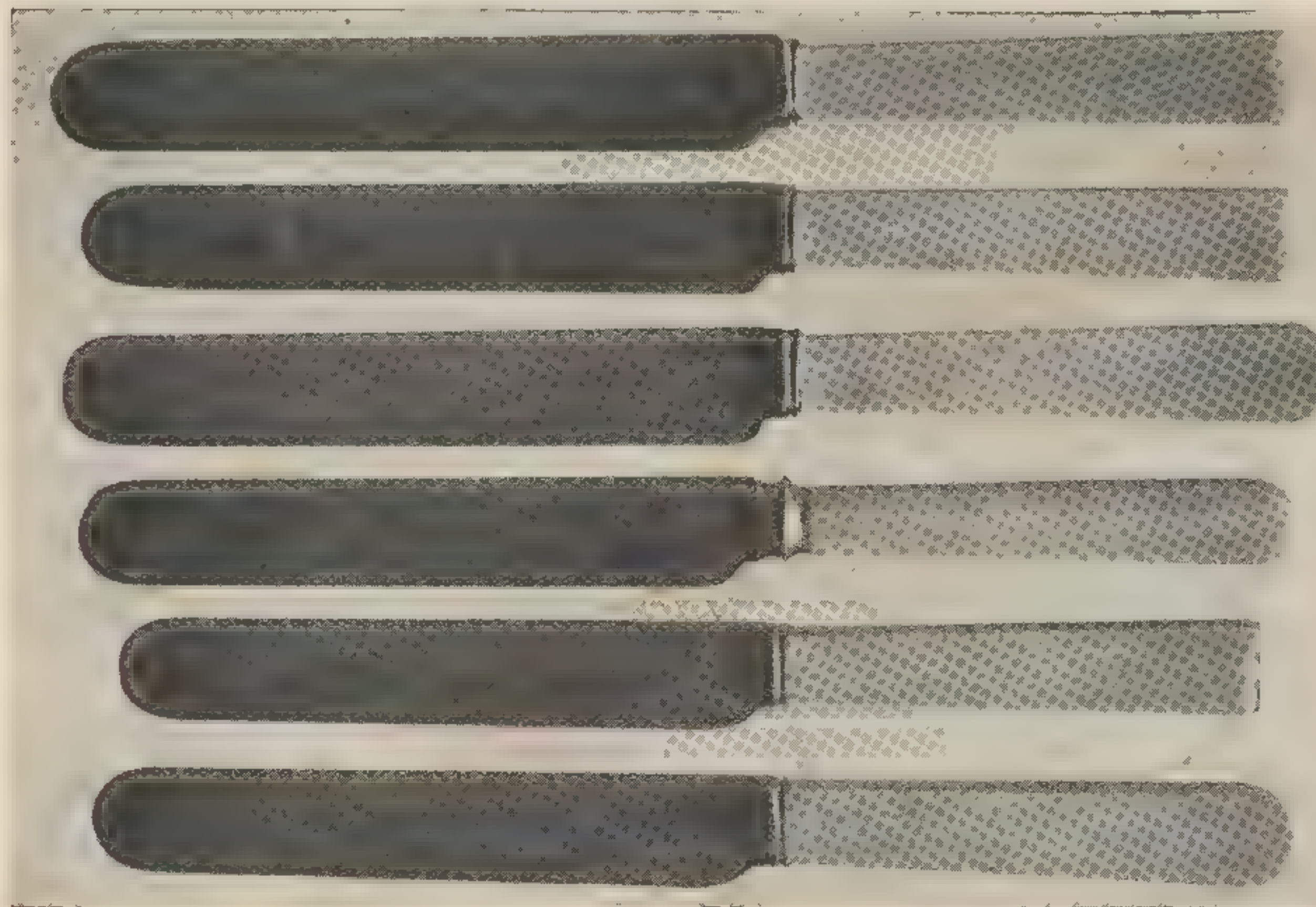
Knives.



RODGERS' No. 1.



IVORY HANDLES. RODGERS' No. 2.
also H. B. and H. IVORY HANDLES.



No. 1.

No. 2.

No. 3.

No. 4.

No. 5.

No. 6.



Section showing JAGGED TANG HANDLES
in XYLONITE KNIVES.

Made by BROOKSBANKS, H.B. & H. and
RODGERS.

XYLONITE HANDLES.

SPECIAL LINES BY—
J. RODGERS & SONS.
HARRISON BROS. & HOWSON.
BROOKSBANK & CO
GREAVES & COY.,
SINGLETON & PRIESTMAN.
HARRISON & COY.
R. F. MOSLEY.

BONE HANDLES—
DICKINSON & CO.
R. F. MOSLEY.



BEST ELECTRO-PLATED HANDLE, DOUBLE SHEAR STEEL BLADE.

DESSERT AND TABLE KNIVES,
GAME AND MEAT CARVERS,
AND STEELS TO
MATCH IN ALL QUALITIES.

Razors, Etc.



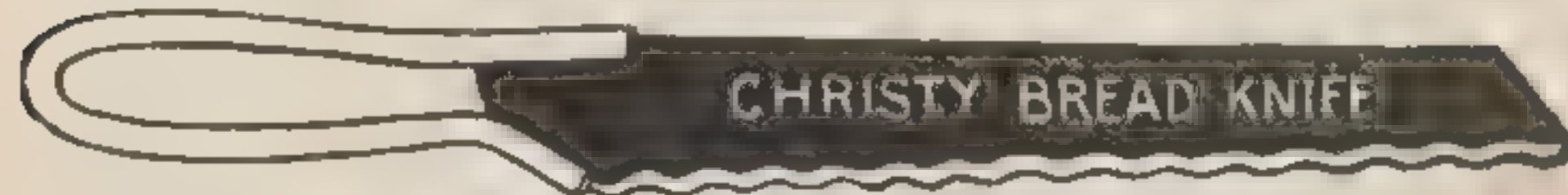
EMPIRE RAZOR.
The BEST VALUE in the Market.
Made to our SPECIAL ORDER.
Black Handles, $\frac{5}{8}$, $\frac{3}{4}$ inch.

RAZORS—BENGAL, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ inch.
SPROCK'S, $\frac{5}{8}$, $\frac{3}{4}$ inch.
KROPP'S,

BLACK AND IVORY HANDLES.

Round and Square Point Blades.

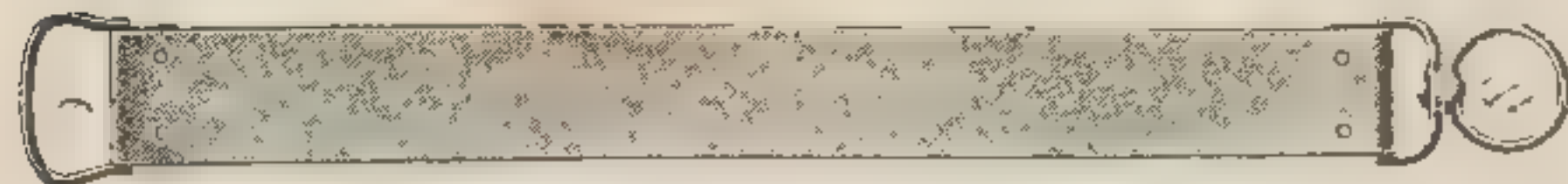
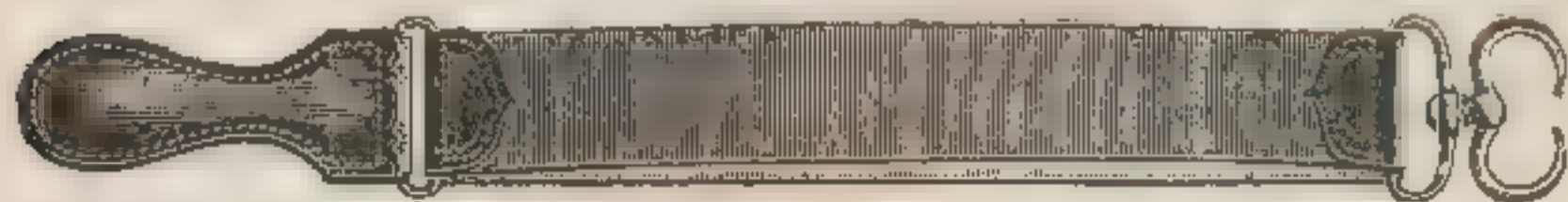
HARRISON BROS. & HOWSON, TAYLOR'S
EYE WITNESS, and other Makers.



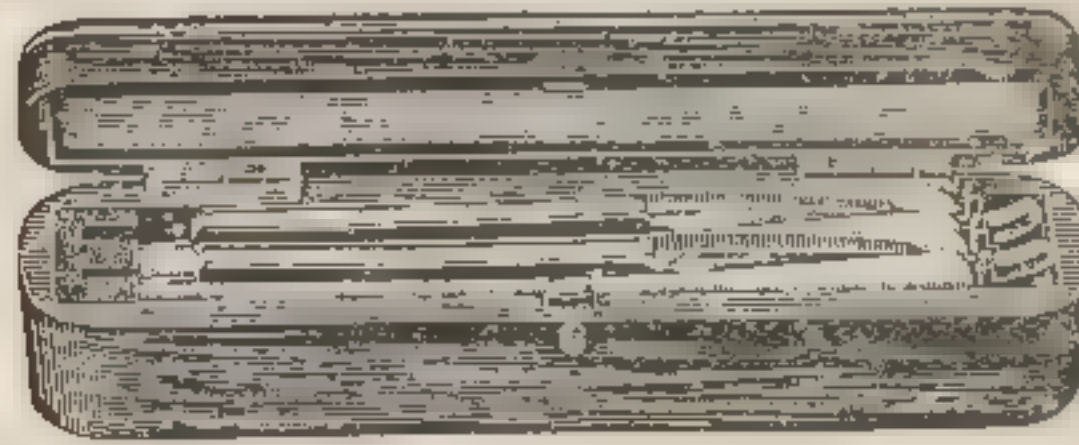
THE QUICK CUT, CLIMAX, AND LIGHTNING BREAD KNIFE.



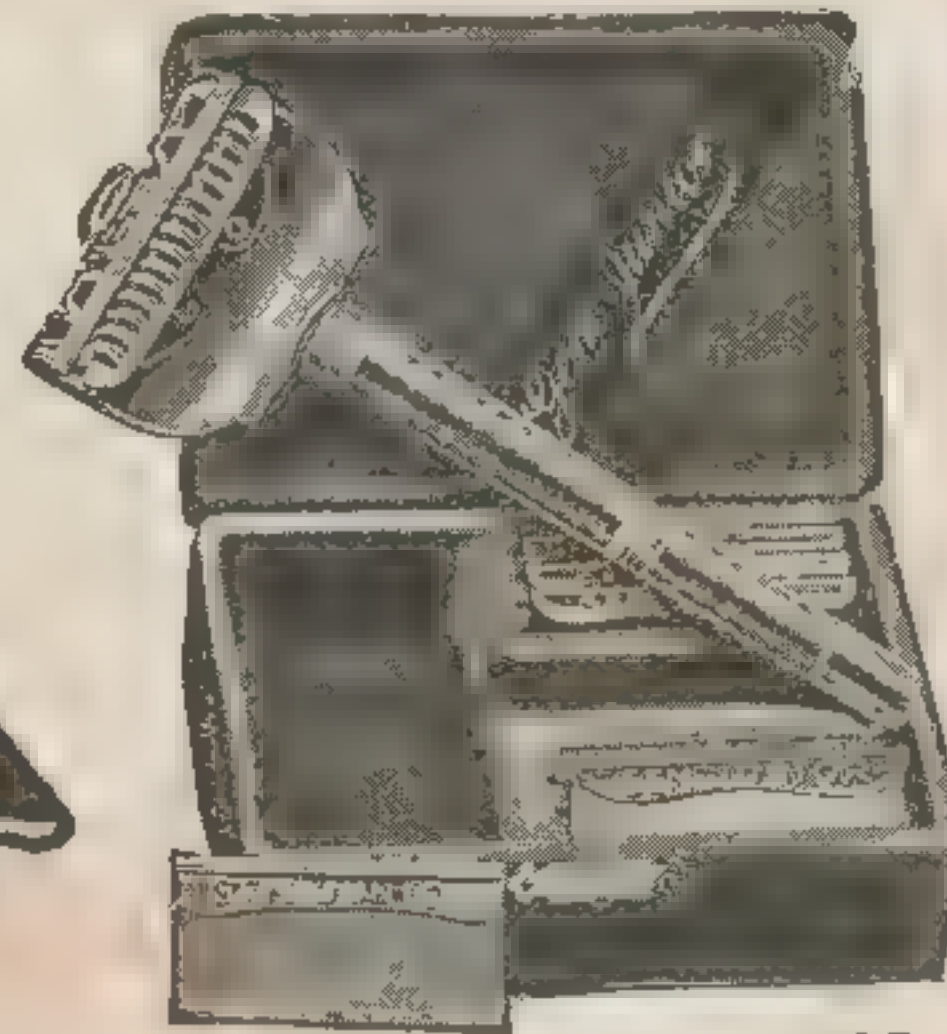
BREAD KNIFE.
Silver and Nickel-Plated, Wood, Ivory and Xylonite Handles/
DICKINSON'S, EYE WITNESS AND RODGERS.



RAZOR STROPS.
A LARGE VARIETY OF HORSE
TAIL, AND OTHER RAZOR
STROPS.
HORSE HIDE, KANGAROO HIDE, ETC.
TORREY'S, SHULLS, ETC.



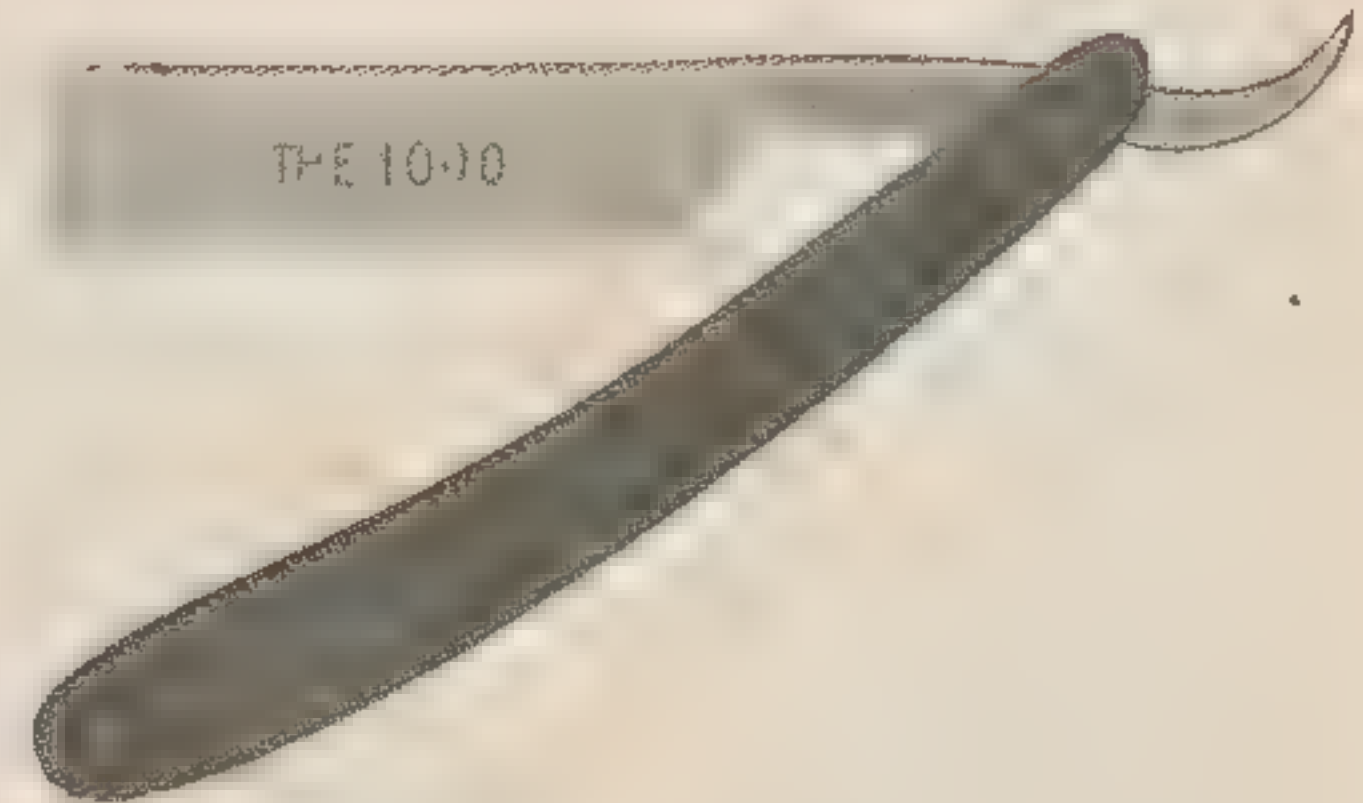
RAZORS IN CASE. 2, 4, 7 in a case.



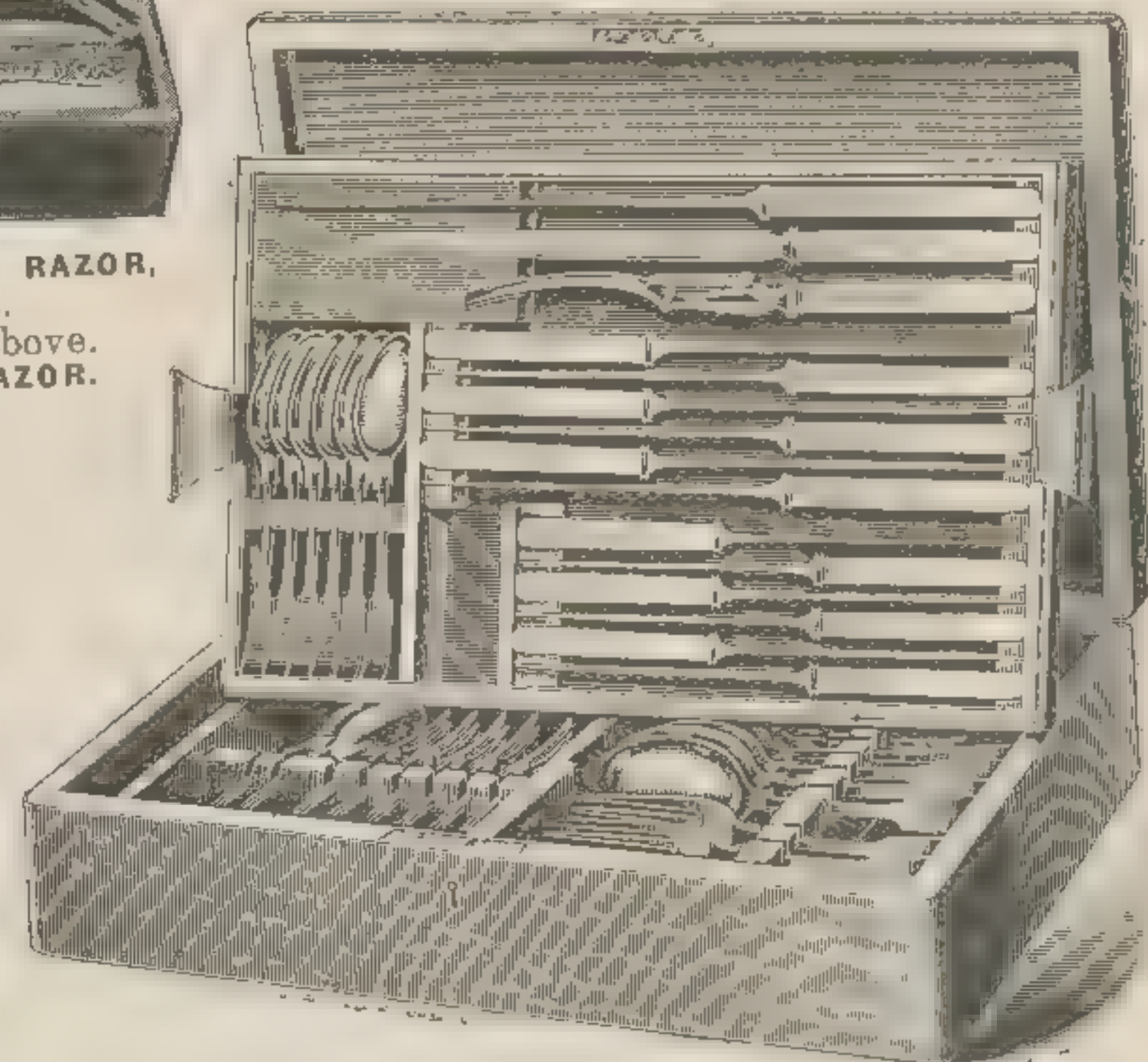
GILLETTE JUNIOR SAFETY RAZOR,
with 7 blades.
Extra blades for above.
Also STAR SAFETY RAZOR.



GILLETTE SAFETY RAZOR.
with 12 blades
(in case)



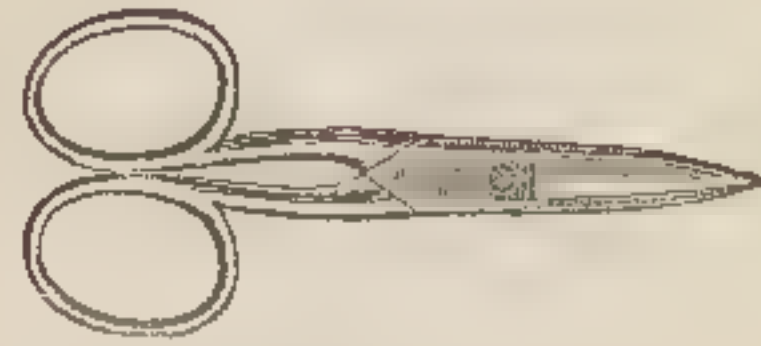
EYE WITNESS CELEBRATED RAZOR.
A large variety of Shaving Sets, comprising
Razors, Brush, Soap, Strop, etc.,
complete.



A large variety of Cabinet Cutlery, Spoons,
Forks, etc.
Particulars on application.

Scissors.

RODGERS, HARRISON BROS. & HOWSON, TAYLORS, SOUTHERN & RICHARDSON, BOKERS AND BLECKMANS.



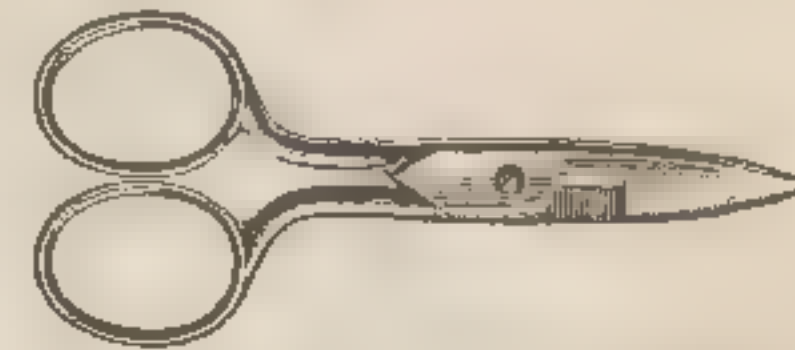
NAIL SCISSORS.
Straight.



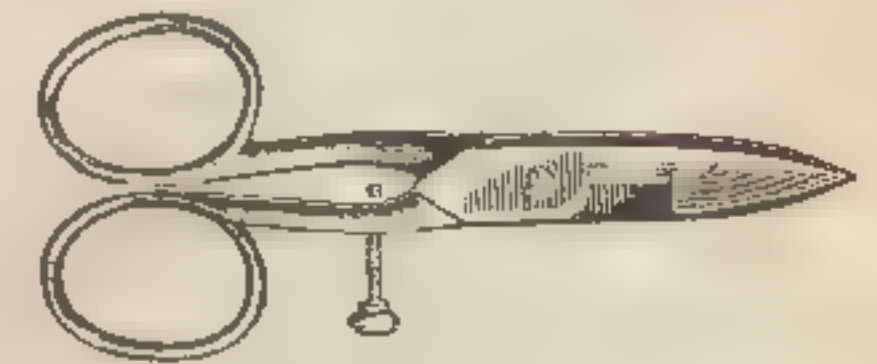
NAIL SCISSORS.
Bent.



NAIL SCISSORS.
FOLDING



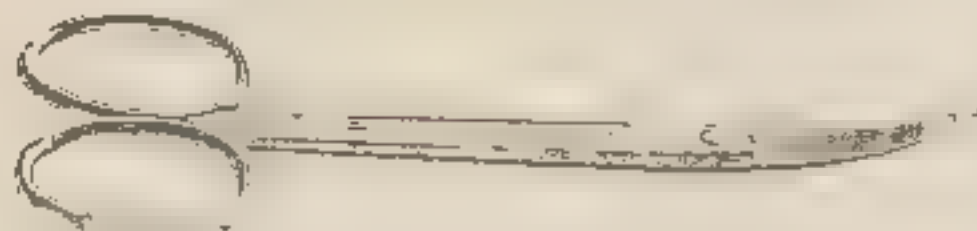
BUTTON HOLE SCISSORS.



BUTTON HOLE SCISSORS,
with Screw.



EMBROIDERY SCISSORS.
No 1.



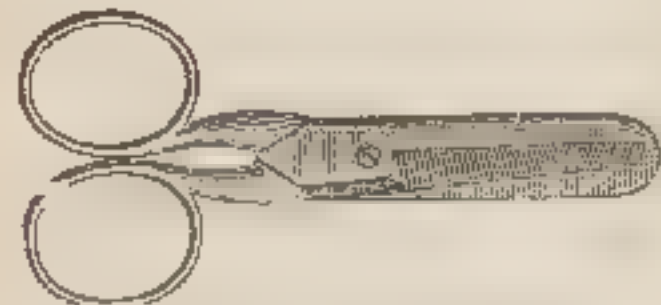
MANICURE SCISSORS.



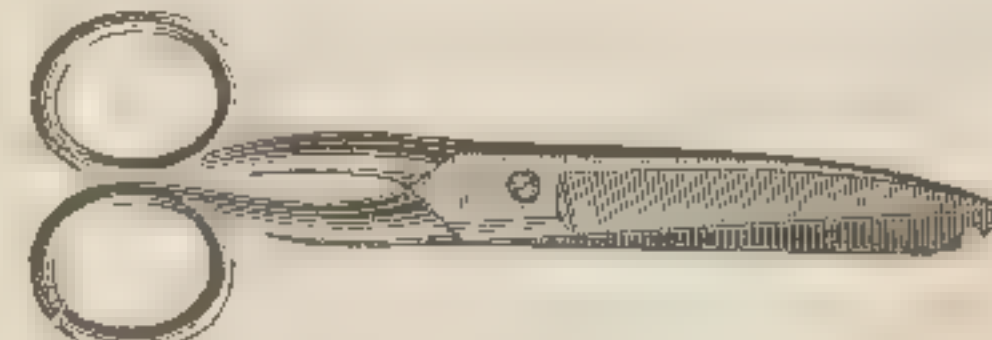
VINE OR FLOWER SCISSORS.



LAMP SCISSORS.



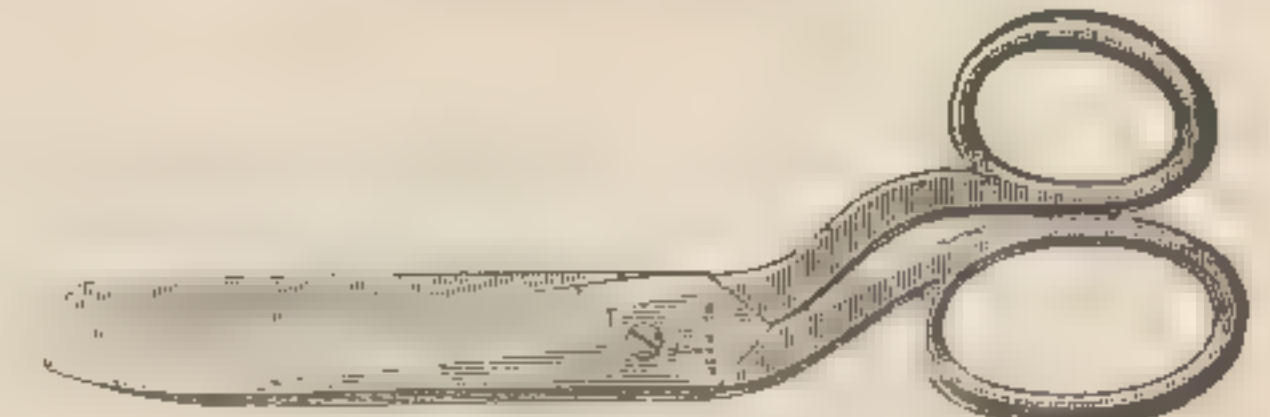
DRAPER'S SCISSORS.
4, 4½, 5 inch.



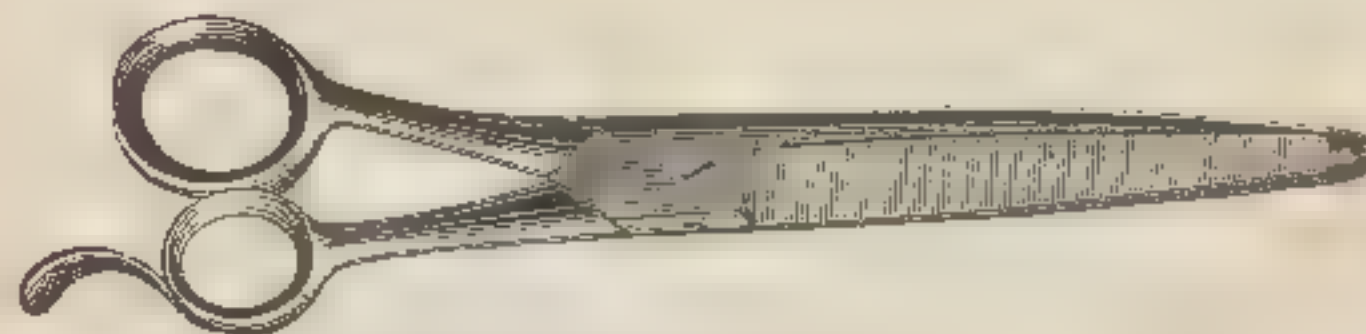
LADIES' SCISSORS.
5, 5½, 6, 6½, 7 inch.



EMBROIDERY SCISSORS.
No. 2.



LADIES' BENT DRAWN BOW CUTTING OUT
SCISSORS.
7, 8, 9, 10 inch.



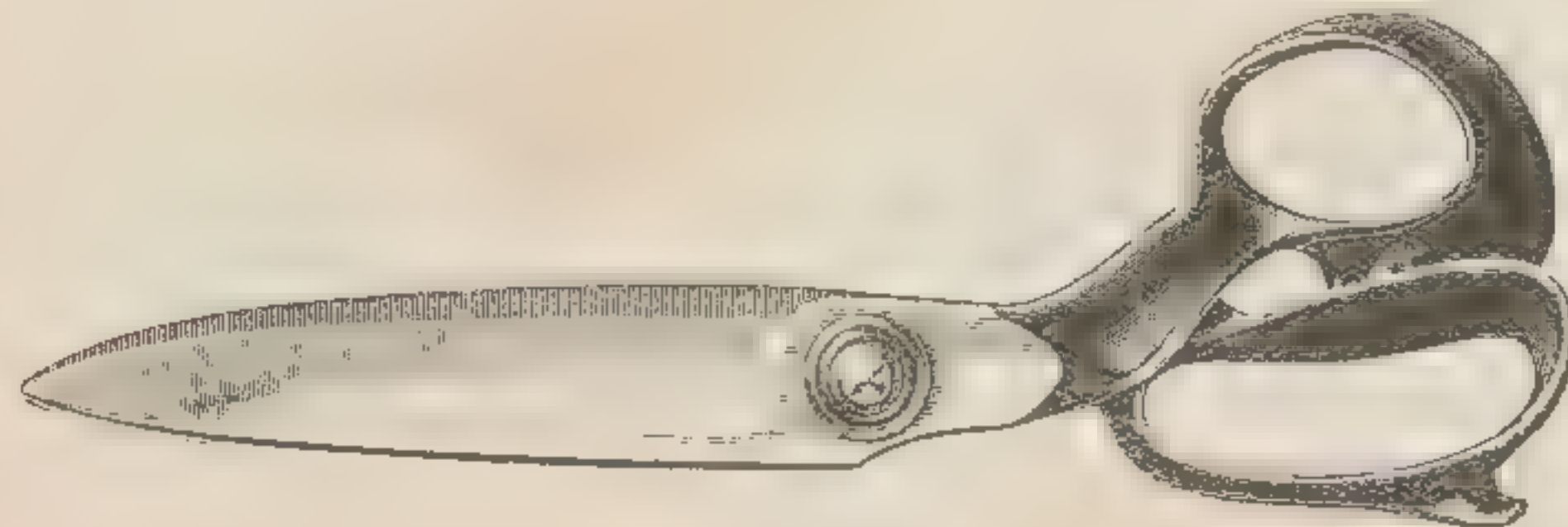
HAIR DRESSER'S SCISSORS.
7, 7½, 8, 8½ inch.



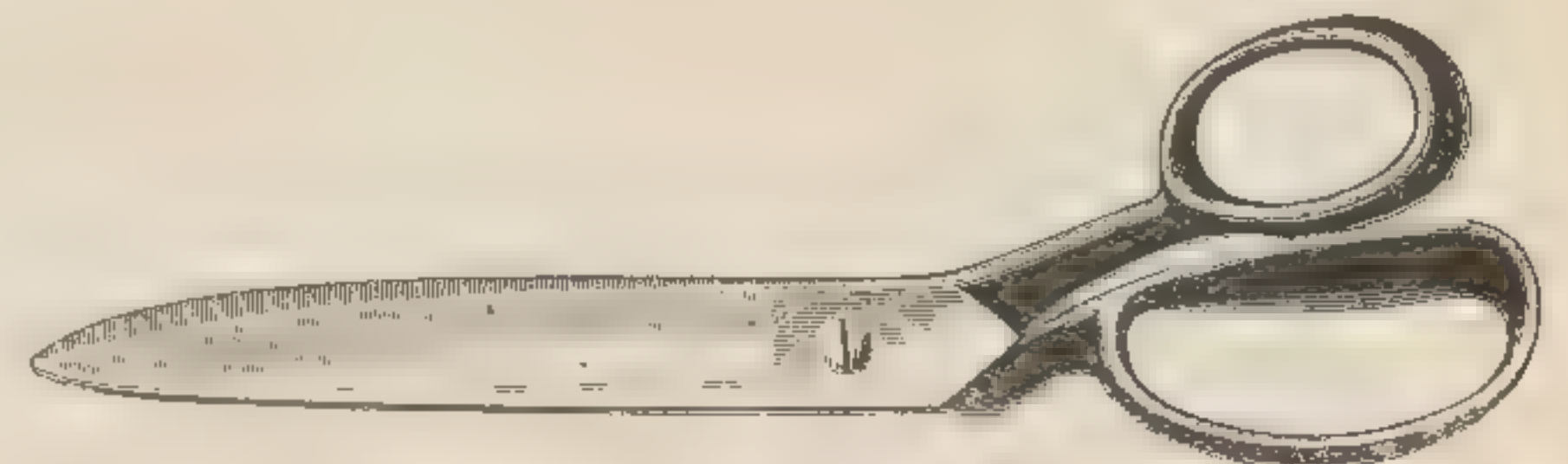
LADIES' DRAWN BOW CUTTING OUT SCISSORS.
5, 6, 7, 8, 9, 10 inch.



SCISSORS IN CASE
2, 3, 4 in. Case.



TAILOR'S SHEARS. 12, 13, 14 inch.



LIGHT TAILOR'S SCISSORS.
10, 11, 12 inch.

Plated Ware.

AS it is impossible to fully illustrate our immense and assorted Stock of Sterling Silver and Plated Ware in a General Catalogue, we confine ourselves to giving a list of the principal articles.

The following Goods are stocked, manufactured by James Dixon & Son, John Round & Son, and others:

AETNAS, SHAVING	CAKE BASKETS	CHAMBER CANDLESTICKS	CUPS
AFTERNOON TEA SETS	" CARVERS	CHATELAINES	CURLING SETS
ASH TRAYS	" STANDS	CHEESE DISHES	CUTLERY IN CASES
ASPARAGUS SERVERS	CANDELABRAS	" SCOOPS	DESSERT KNIVES & FORKS
BASKETS, CAKE	CANS, HOT WATER	CHOCOLATE JUGS	DISH COVERS
" SUGAR	CARD CASES	CHUTNEY SPOONS	DISHES, BONBON
BELLS, TABLE	CASES AFTERNOON TEA	CIGAR BOXES	" BREAKFAST
BELT CLASPS	SPOONS	" CASES	" CHEESE
BELTS	" BUTTER KNIVES	CIGARETTE RACKS	" ENTREE
BISCUIT BOXES	" BUTTER KNIVES &	" STANDS	" WITH 2 & 3
BONBON DISHES	JAM SPOONS	" BOXES	DIVISIONS
" SERVERS	" CHILDREN'S BOWL	" CASES	" MEAT
BOOK MARKERS	& SPOON	CLARET JUGS	" PIE
BOTTLE HOLDERS	" DESSERT KNIVES &	CLASPS, BELT	" PUDDING
BOTTLES, WATER	FORKS	" HAIR	" WITH REVOLVING
BOWLS	" FISH CARVERS	CLOTH BRUSHES	COVERS
BREAD BASKETS	" EATING	COCKTAIL SHAKERS	" SWEET
" BUTTER, & CHEESE	KNIVES & FORKS	COFFEE POTS	" VEGETABLE
" STANDS	" FRUIT DISHES	COFFEE & LIQUEUR	" VENISON
" FORKS	" SPOONS	STANDS	DRAM FLASKS
" KNIVES	" HAIR CURLERS	COMBS	EGG BOILERS
" PLATTERS	" JAM SPOONS	COMB BOXES	" CUP, SPOON & RING
BREAKFAST DISHES	" KNIFE RESTS	COMMUNION SERVICES	IN CASE
" FRAMES	" KNIFE, FORK &	COMMUNION SERVICES	" FRAMES
BRUSH TRAYS	SPOON	(POCKET)	" & TOAST FRAMES
BRUSHES	" MEAT CARVERS	CORKS	EPERGNES
BUCKLES	" NAPKIN RINGS	COVERS	FERN POTS
BUTTER DISHES	" NUT CRACKS	CREAM JUGS	FINGER BOWLS
BUTTER KNIVES	" SALTS	" LADLES	FISH CARVERS
CABINETS OF CUTLERY,	" SUGARS & CREAMS	CRUET FRAMES, 3, 4, 5, 6	" EATING KNIVES &
SPOONS, & FORKS.	SUNDRIES	BOTTLES	FORKS
CADDIES, TEA	CASKETS	CRUMB SCOOPS	FLASKS
CAFETIERRES & COFFEE	CELERY GLASSES	" TRAYS	FLOWER VASES
MACHINES	CENTRE PIECES		

Particulars on Application.

Plated Ware—Continued.

FRAMES, CRUET, 3, 4, 5, & 6 BOTTLES	KETTLES	SALAD BOWLS & SERVERS	TABLE BELLS
" EGG	KNIFE, FORK & SPOON IN CASE	" SERVERS ONLY	TABLE CANDLESTICKS
" LIQUEUR	" RESTS	SALT CELLARS	" LAMPS
" LIQUOR	" TRAYS	SALTS JARS	" MIRRORS
" LUNCH	LAMPS	SANDWICH BOXES	TANKARDS
" OIL & VINEGAR	MALLETS	SARDINE BOXES	TANTALUS LIQUOR
" PICKLE	MARMALADE DISHES	" SERVERS	FRAMES
" SAUCE	MATCH BOXES	SAUCE BOATS	TAPER HOLDERS
" SUGAR & CREAM	MENU HOLDERS	" FRAMES	TART SERVERS
FRUIT DISHES	MUGS	" TUREENS	TEA & COFFEE SETS
" KNIVES	MUSTARD POTS	SCENT BOTTLES	" CADDIES
" SPOONS	NAPKIN RINGS	SHADE CANDLESTICKS	" KNIVES
" STANDS	NUTCRACKERS	SHAVING SETS	" POTS
GONGS	OYSTER FORKS	SHAVING MIRRORS	" STANDS
GRAPE SCISSORS	PEPPER GRINDERS	SHIELDS, PRESENTATION	" URNS
STANDS	" POTS	SIFTERS	TEACUP STANDS
HAIR ORNAMENTS	PIANO CANDLESTICKS	SPECIMEN TUBES	TOILET BOTTLES
" PINS	PIN BOXES	SKEWERS	SETS
" BOXES	" CUSHIONS	SOAP BOXES	TOILET TRAYS
" TRAYS	" TRAYS	SODA STANDS	TOOTH BRUSH BOXES
HAND MIRRORS	PLATE HOLDERS	STATUETTES	POWDER BOXES
HONEY JARS	" STANDS	STRAWBERRY STANDS	TRAYS
HOT WATER PLATES	PLAYING CARD CASES	SUGAR BOWLS	TROWELS
INK STANDS	POLISHING PASTE	" CRUSHERS	TUREENS, REVOLVING
ICE HAMMERS	POMADE BOXES	" DREDGERS	" SAUCE
" NIPPERS	PRESENTATION	" SCOOPS	" SOUP
" PAILS	" CUPS,	" SCUTTLES	URNS
" SERVERS	" BOWLS, &c.	" SIFTERS	VASES
" TONGS	" PLATE	" & CREAM FRAMES	WAITERS
JAM SPOONS	PUNCH BOWLS	" CREAM, & TONGS	WARMERS
JUGS, CHOCOLATE	" LADLES	" IN CASE	WINE COOLERS
" CLARET	RACKS, TOAST	SUITES OF GOODS	" LABELS
" HOT WATER	RING STANDS	SWEET DISHES	" STRAINERS
" WATER	" TRAYS		WIRE DISH COVERS

Replating.

All Classes of Goods can be REPLATED with Gold, Silver, Nickel, or Copper at
OUR OWN WORKSHOPS.

Replating SPOONS and FORKS a Speciality.

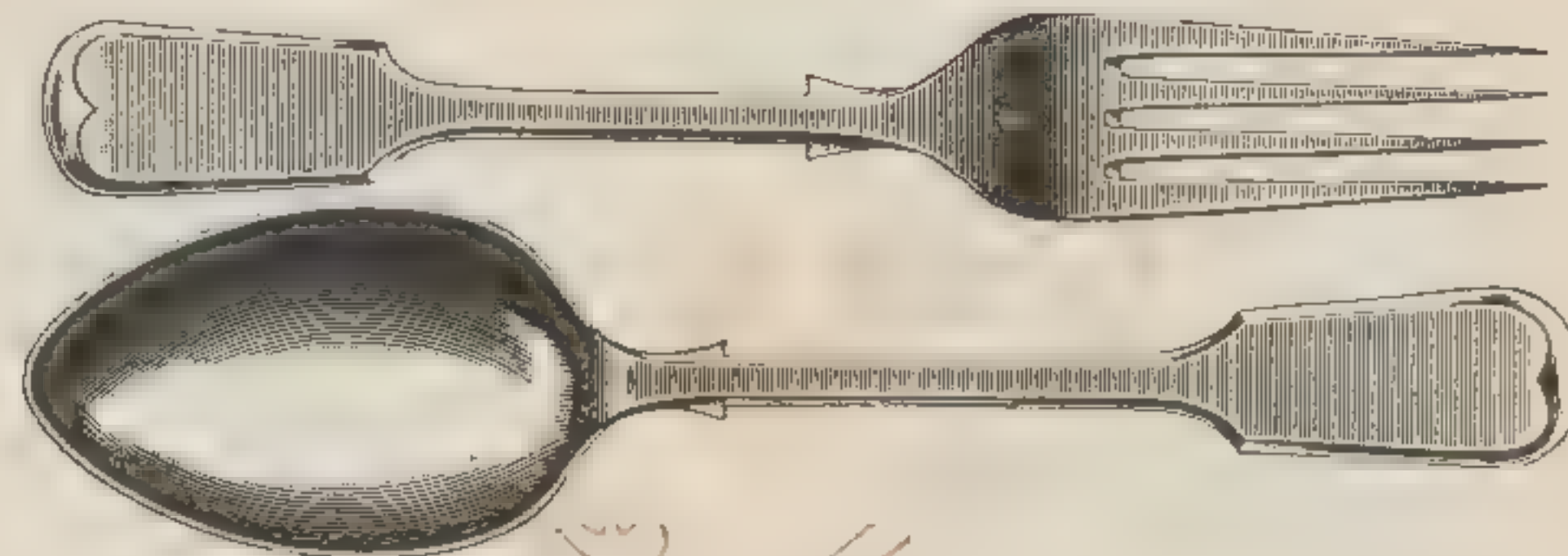
Battery Plates made to order, also Replated. Bronzing and Lacquering also done.

Workmanship Guaranteed.

Forks and Spoons.

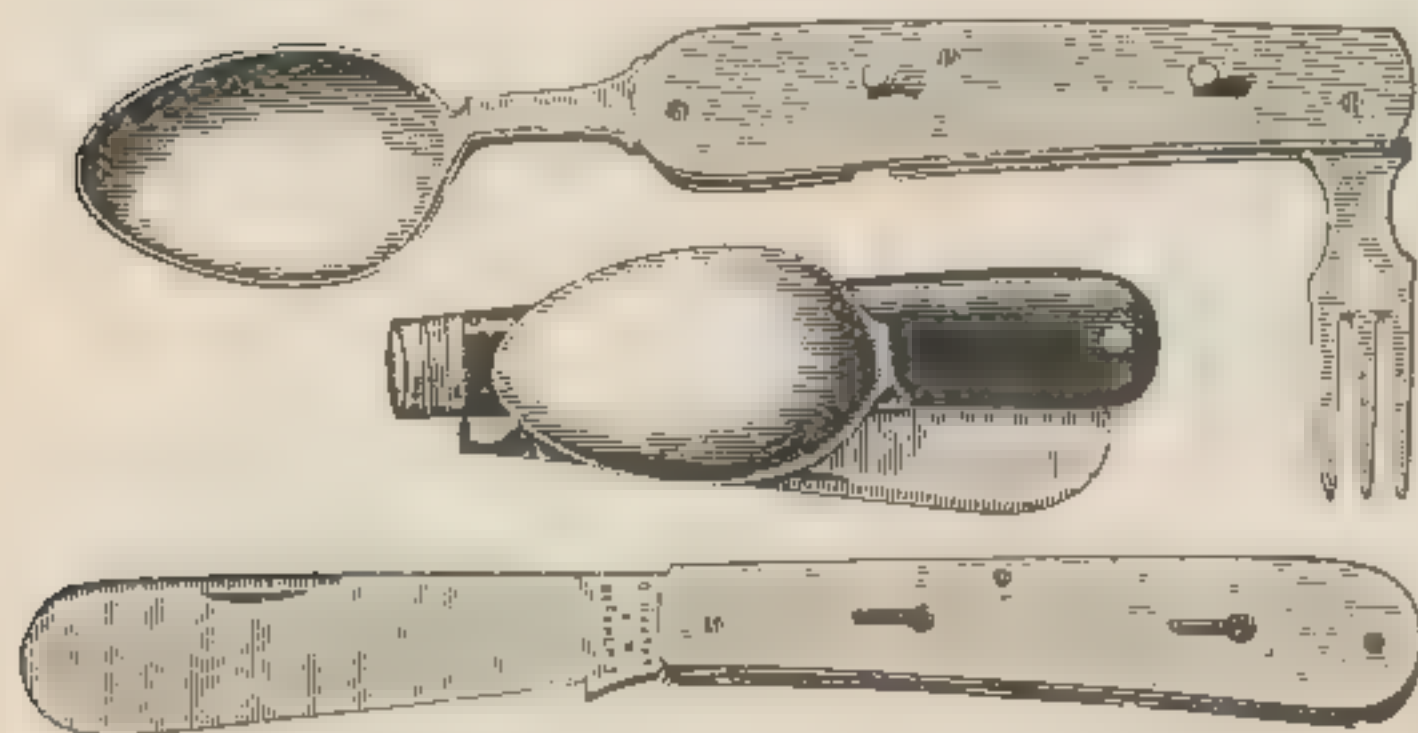


OLD ENGLISH PATTERN.
ROUND'S E.P. A, B, C Qualities.
 Tea, Dessert, Table, Salt, Egg, Mustard, Sugar,
 and Gravy Spoons; Dessert and Table Forks;
 Sauce and Soup Ladles.

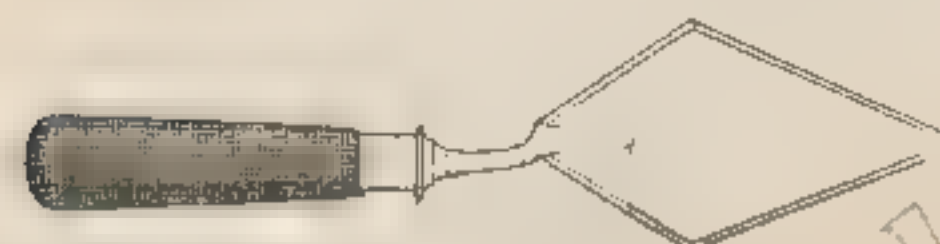


FIDDLE PATTERN.
ROUND'S E.P. A, B, C Qualities.
 Tea, Dessert, Table, Salt, Egg, Mustard, Sugar,
 and Gravy Spoons; Dessert and Table Forks;
 Sauce and Soup Ladles. **ROUND'S BENARES SILVER.**
 warranted to wear white throughout.—British
 plate, A Quality. Also, "ARUNDEL," White
 throughout, but lighter than Benares.
GOLSMAN'S White Metal, in Tea, Dessert,
 Table, Salt, and Mustard Spoons; Dessert and
 Table Forks. Also Aluminium Spoons and Forks.

SPECIAL LINE,
QUALITY.
E.P. SPOONS AND FORKS.
 Fiddle Pattern only.



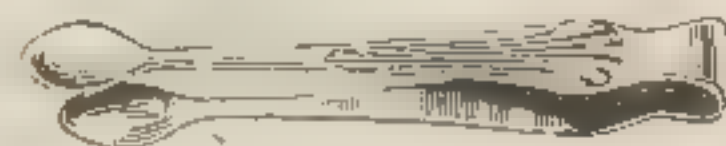
COMBINED KNIFE, FORK AND SPOON.



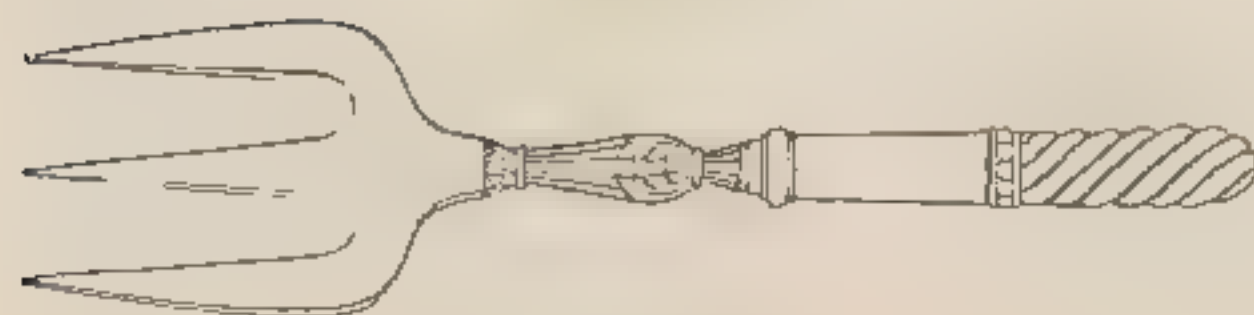
BUTTER TROWEL.
 Ebony and Ivory Handles.



AFTERNOON TEA AND COFFEE SPOON.
 E.P. and Sterling Handles.



E.P. SUGAR TONGS.



BREAD FORK.
 In many designs.



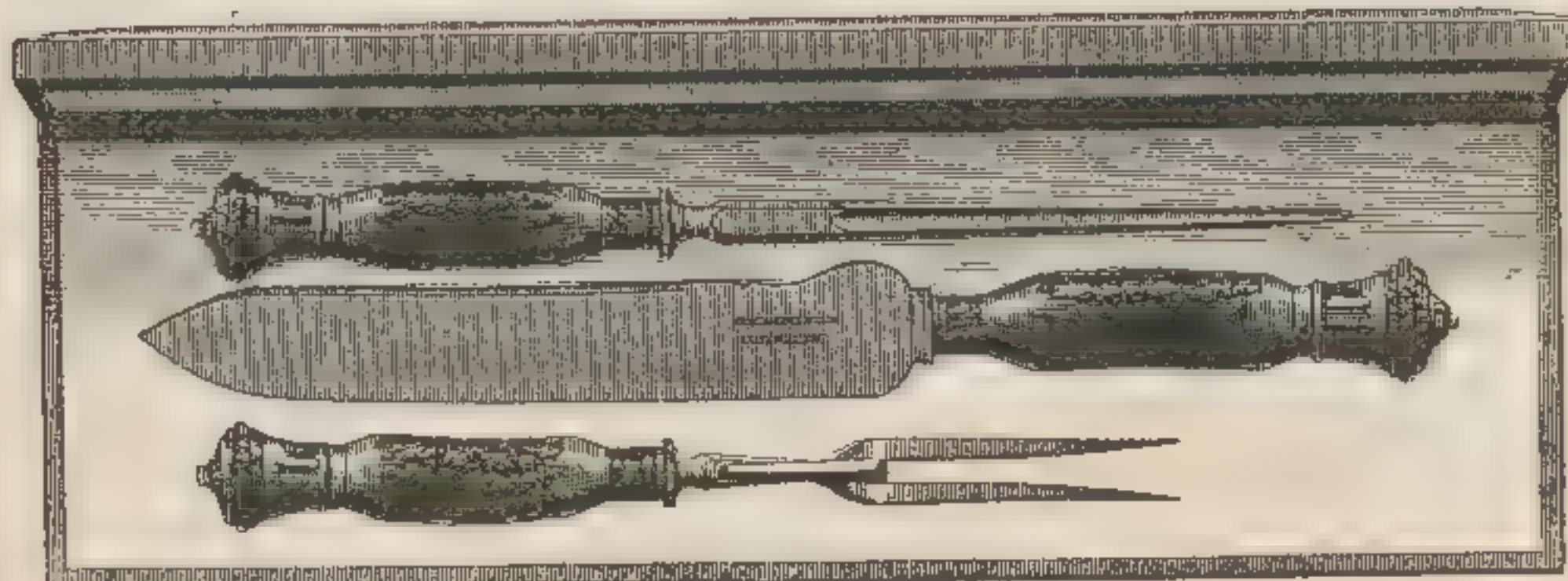
Nos. 1. 2. 3.
E.P. BUTTER KNIVES.
 Ivory Plated, and Pearl Handles.

Nos. 1. 2. 3.
E.P. JAM SPOONS.
 Various designs.

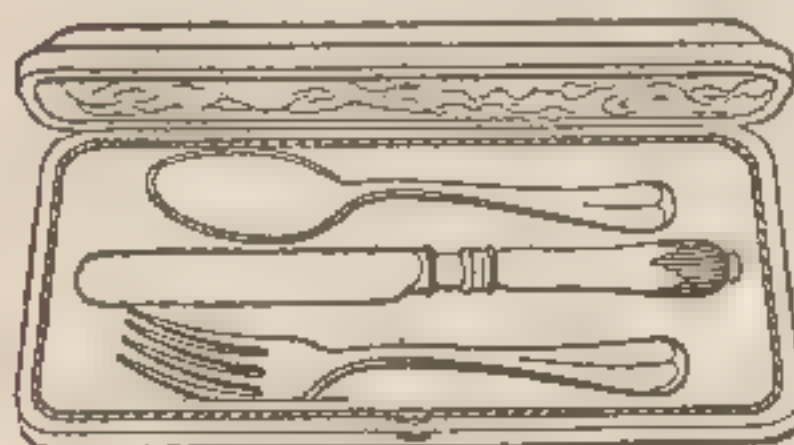


PICKLE FORK.
 Plated and Ivory Handles.

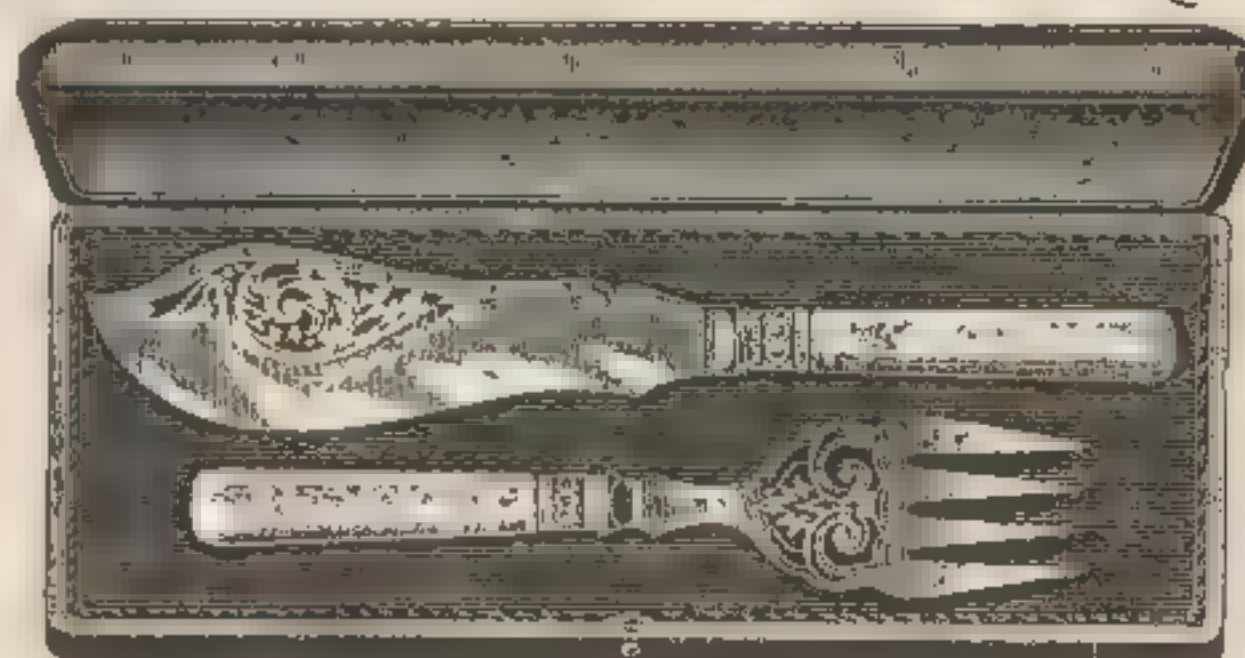
Carvers, Etc.



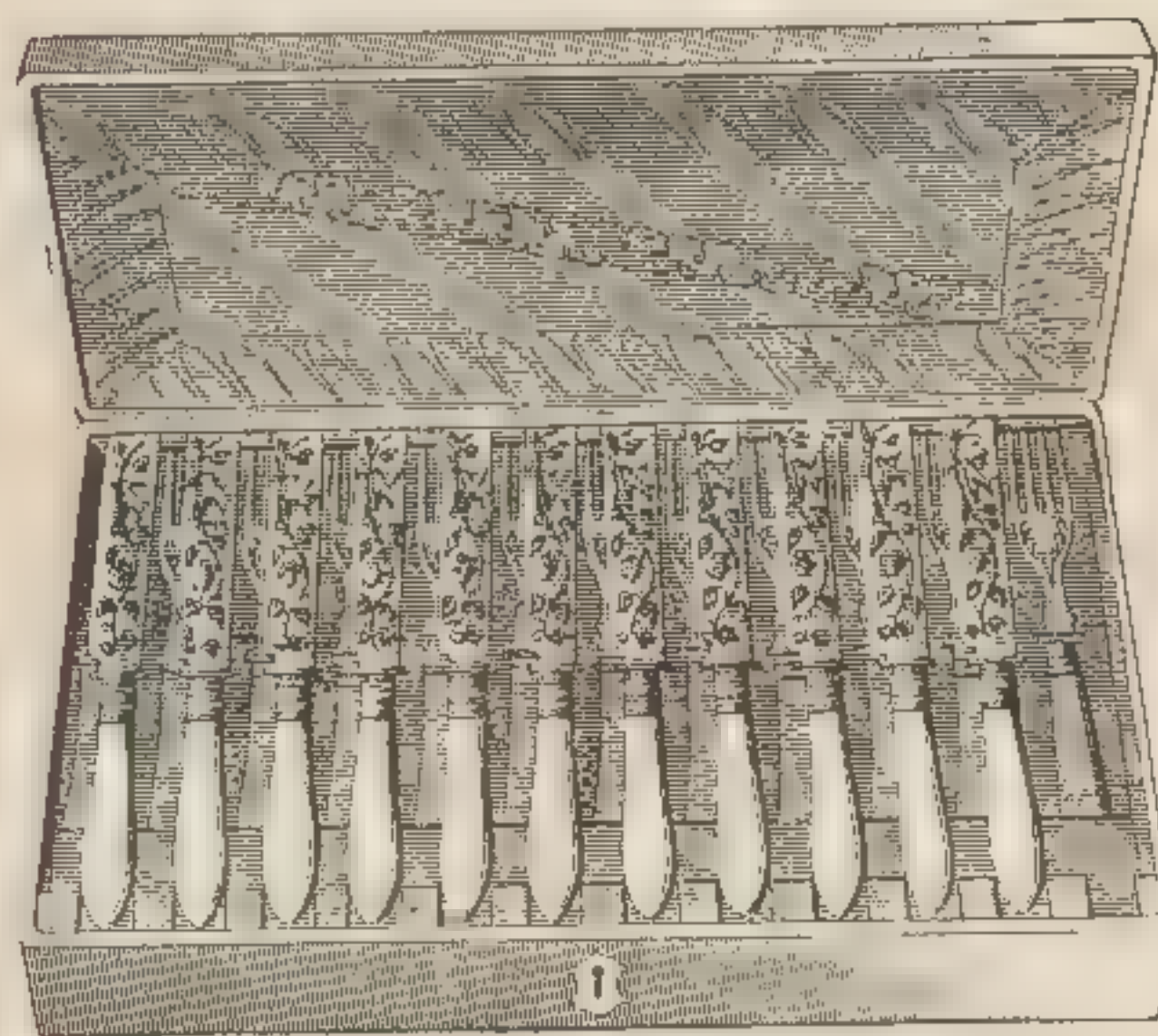
CARVERS IN CASE. 3 and 5 Piece Sets.
Sterling Silver, Stag, Ivory and Xylonite Handles.



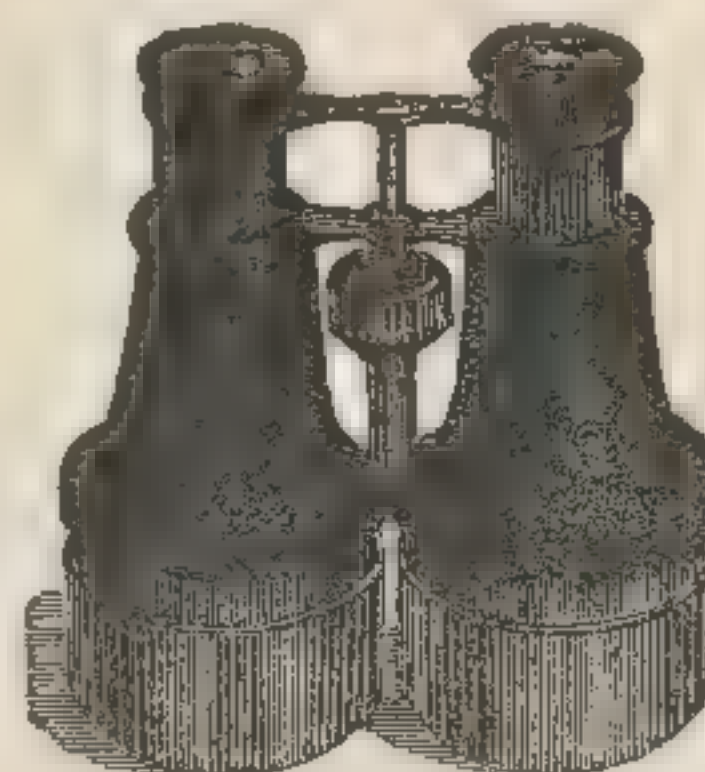
KNIFE, FORK AND SPOON IN CASE.
Sterling Silver and E. P.



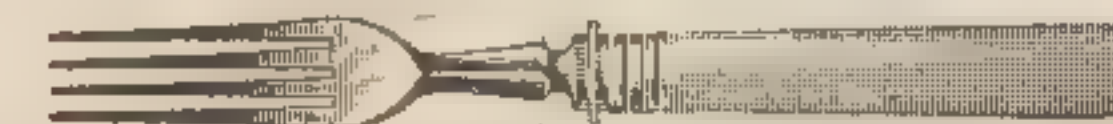
FISH CARVERS.
Sterling Silver, Ivory, Pearl and
Zylonite Handles



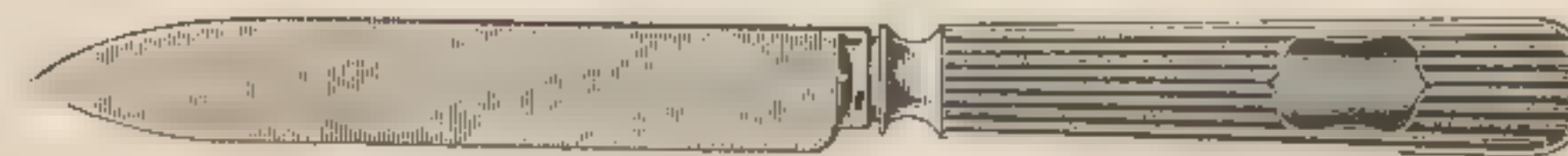
FRUIT AND FISH KNIVES AND FORKS IN CASE.
In Sets of 6 and 12.
Silver Plated, Ivory, Pearl and Xylonite Handles.



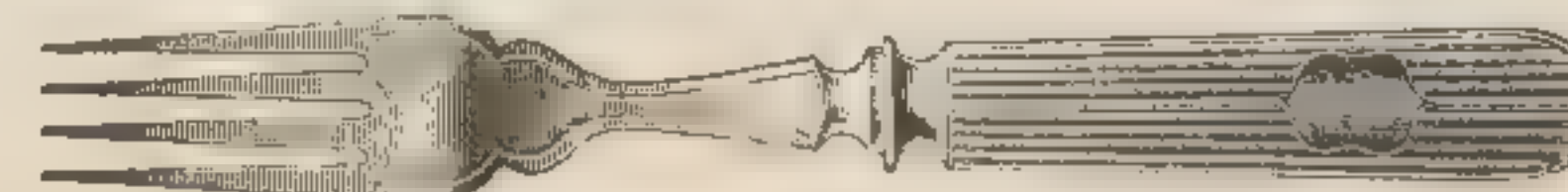
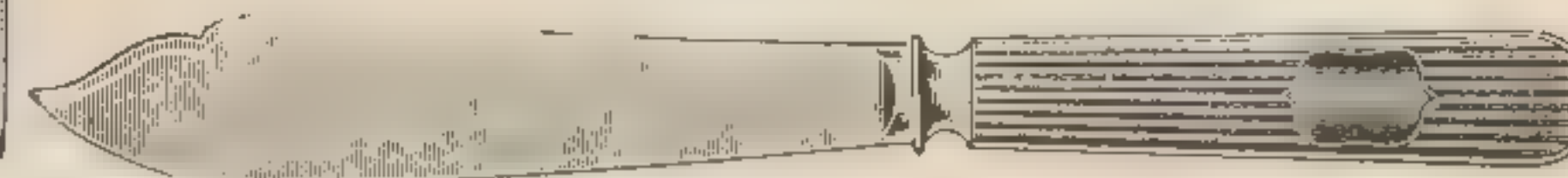
FIELD, MARINE AND OPERA.
GLASSES. Various Makers.
Designs and Qualities.



DESSERT KNIFE AND FORK. Open Stock.
Various Handles.



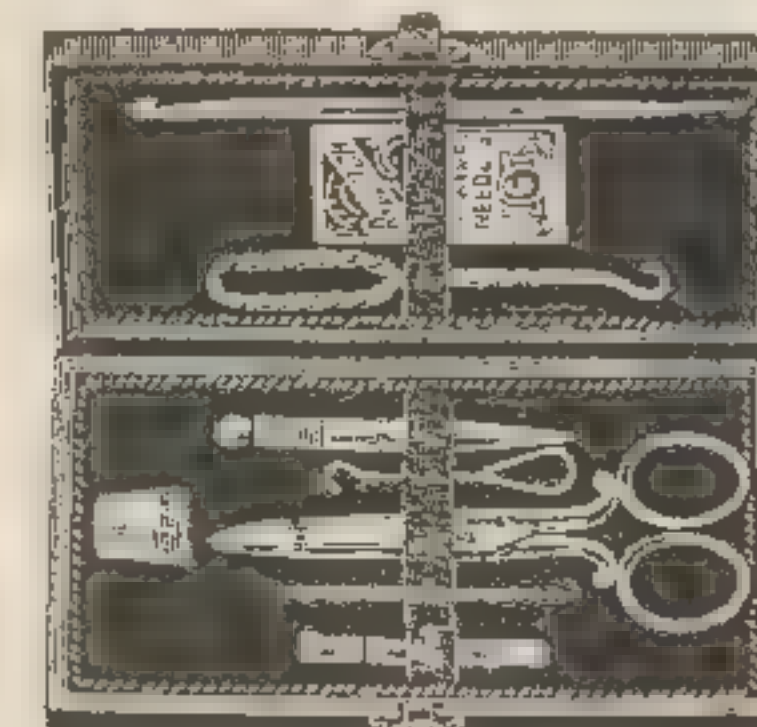
E.P. DESSERT KNIFE AND FORK. Open Stock.



E.P. FISH KNIFE AND FORK. Open Stock.



MANICURE SET. No. 14.
With Sterling Silver, E. P., Ivory
or Xylonite Mountings.



LADY'S COMPANION. No 15.
In many designs and qualities

Clocks.



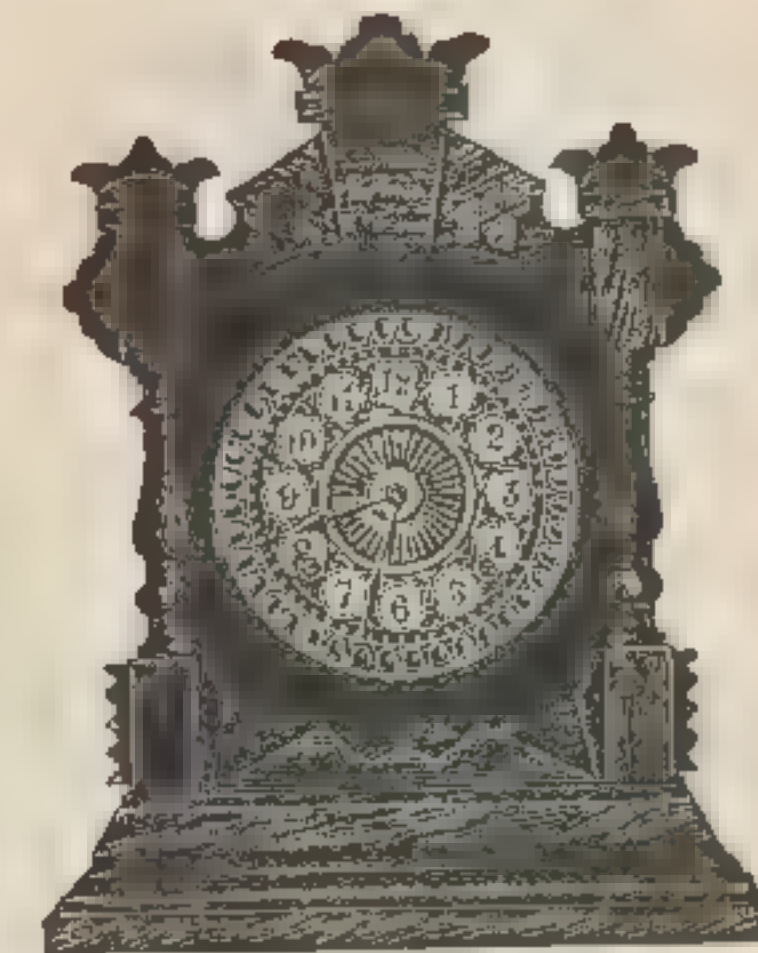
OAK 8-DAY CLOCK.

With Cathedral Gong Strike.
in many Designs.



WOOD IMITATION MARBLE CLOCK.

Various Patterns and Designs.



OAK 8-DAY CLOCK.

Other Designs Stocked.



ALARM CLOCK.



ALTERNATING
ALARM CLOCK.

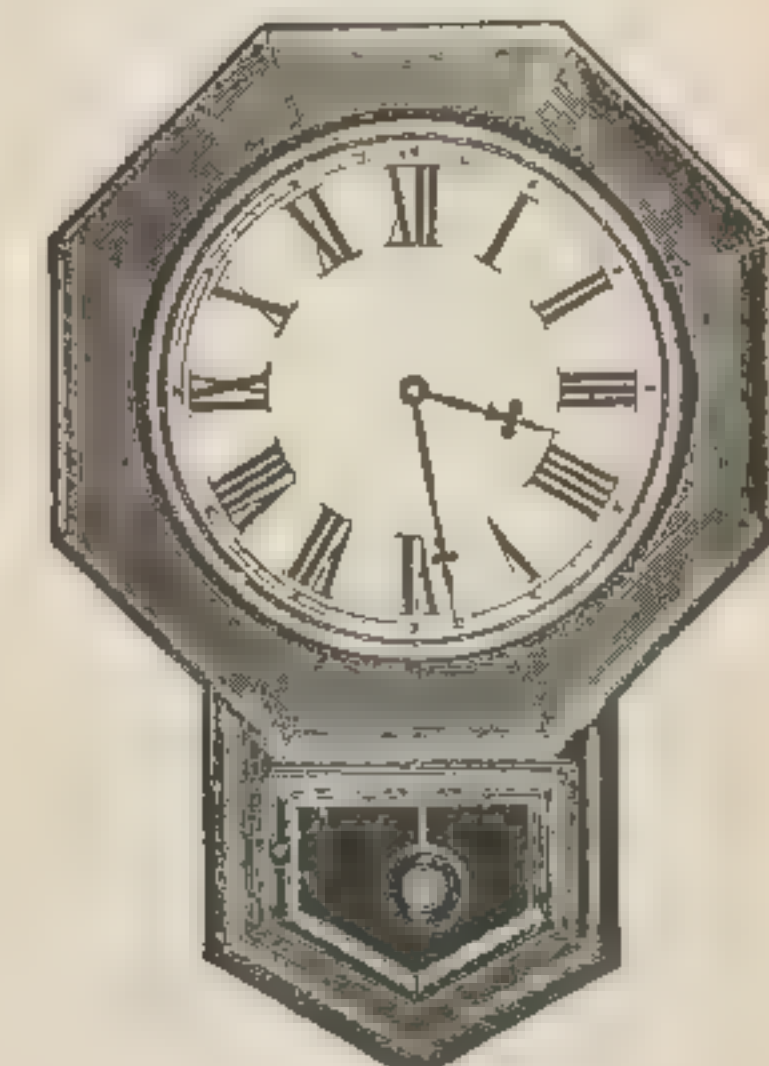


"BEE" CLOCK,
With & without
Alarm.
Imitation "Bee"
ditto.



OCTAGON CLOCK.

6, 8, 12 inch Face.
Time, or Time and Strike.



DROP OCTAGON CLOCK.

6, 8, 12 inch Face.
Time, or Time and Strike.



No. 1.

Clocks—Continued.

Marble, Ansonia, French,
and other Movements.



No. 2.



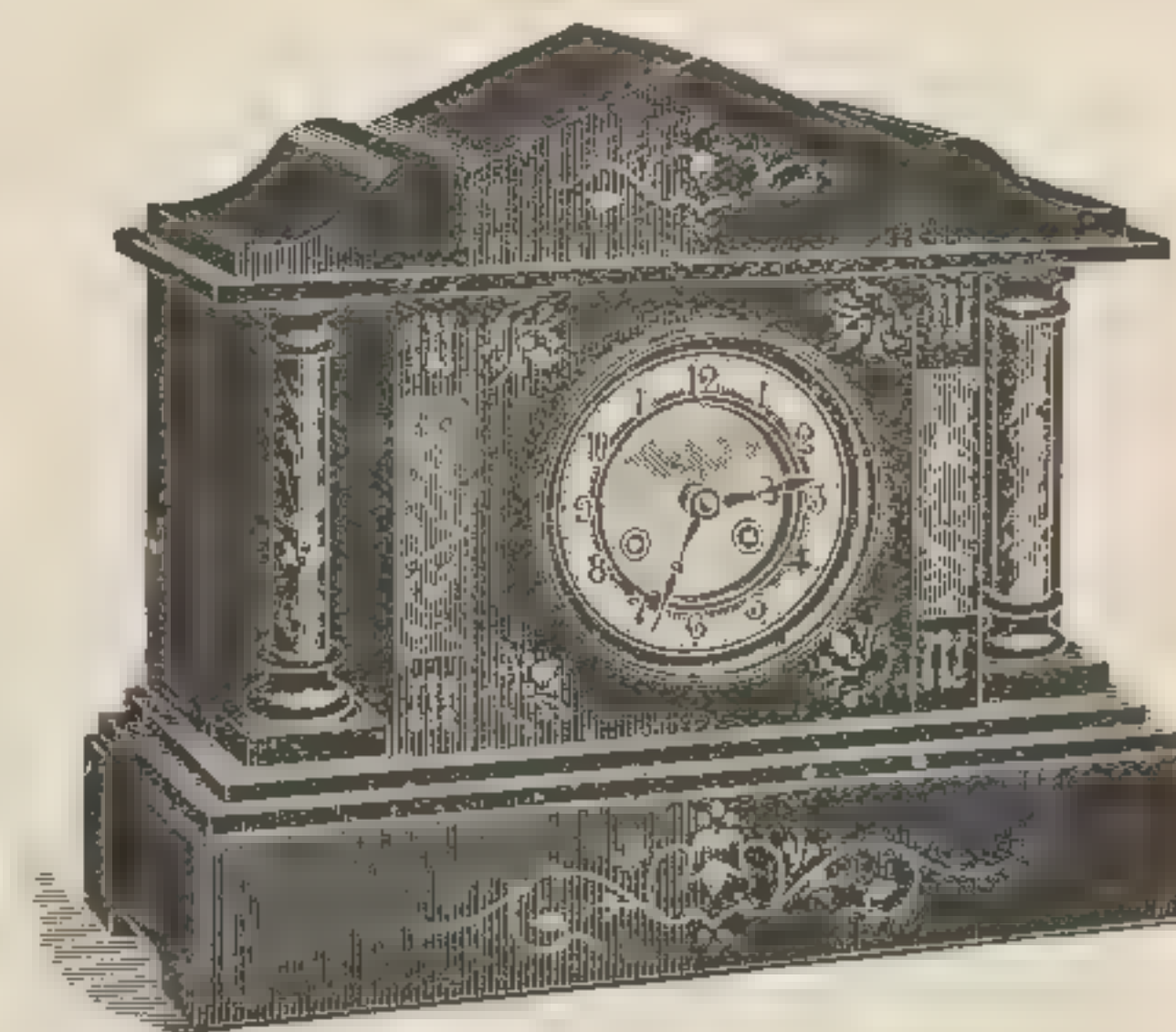
No. 3.



No. 4.



No. 5.



No. 6.

BLACK, RELIEVED BY GILT AND BRONZE ORNAMENTS.

A LARGE VARIETY STOCKED. PARTICULARS ON APPLICATION.

Fancy Clocks and Watches.



No. 7.

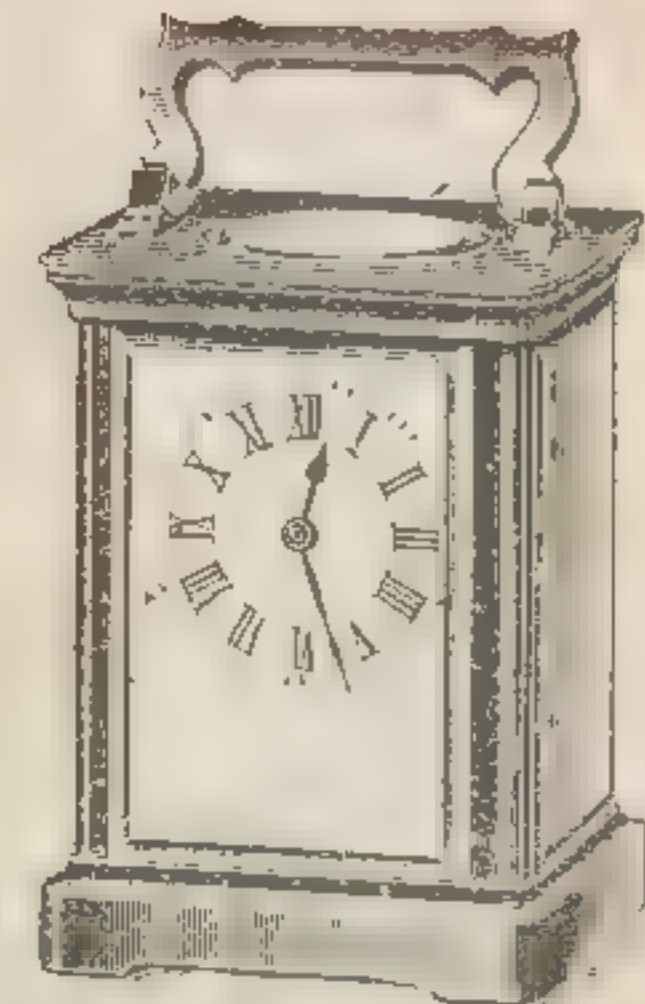


No. 8.
G.M. or Nickel.



No. 9.

GILT OR BRONZED, ALSO CHINA AND WOOD. IN GREAT VARIETY.



No. 10.
CARRIAGE CLOCK.
Also other patterns.
Various qualities.



No. 1.
JEROME.
G.M. or Nickel.



GENT'S WATCHES.
No. 2.
G.M. or Nickel.



No. 3.
HERO.
Nickel.



LADIES' WATCHES.
G.M. No. 4.



No. 5.

G.M. PRINCESS MAY.

EHRHARDT'S ROLLED GOLD WATCHES, MADE IN ENGLAND, A SPECIALITY. ALSO THE CELEBRATED "OMEGA" WATCH, BOTH OPEN FACE AND HUNTER.

Bags, Purses, Etc.

ALL DESCRIPTIONS OF TRAVELLING BAGS, CASES, AND LEATHER GOODS STOCKED, PLAIN OR FITTED WITH BEST SILVER-PLATED OR STERLING SILVER MOUNTS.



No. 1.



No. 2.

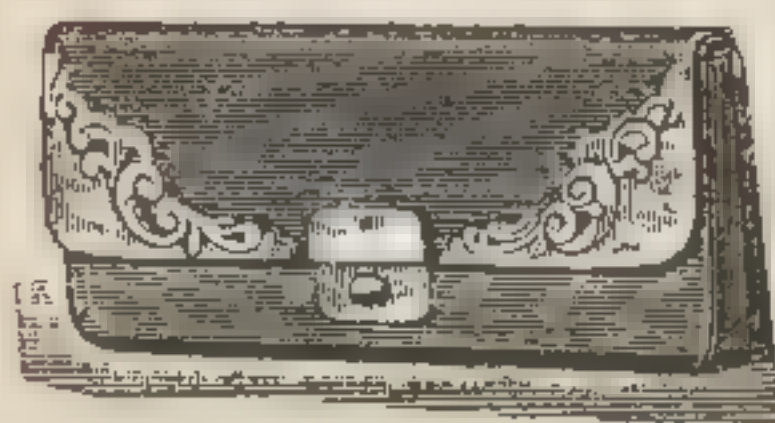
PEGGY BAGS IN GREAT VARIETY AND ALL QUALITIES.



No. 3.



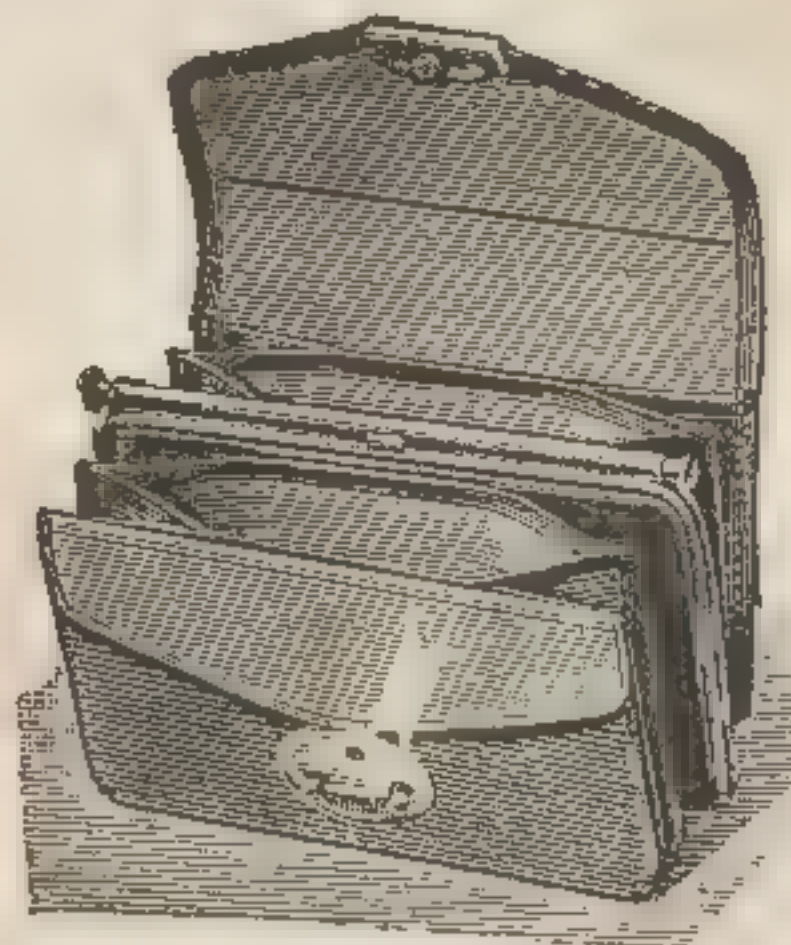
PERSEUS BAGS.
in 2 sizes.



No. 1.
LADY'S PURSE.



No. 2
LADY'S CHATELAINE.



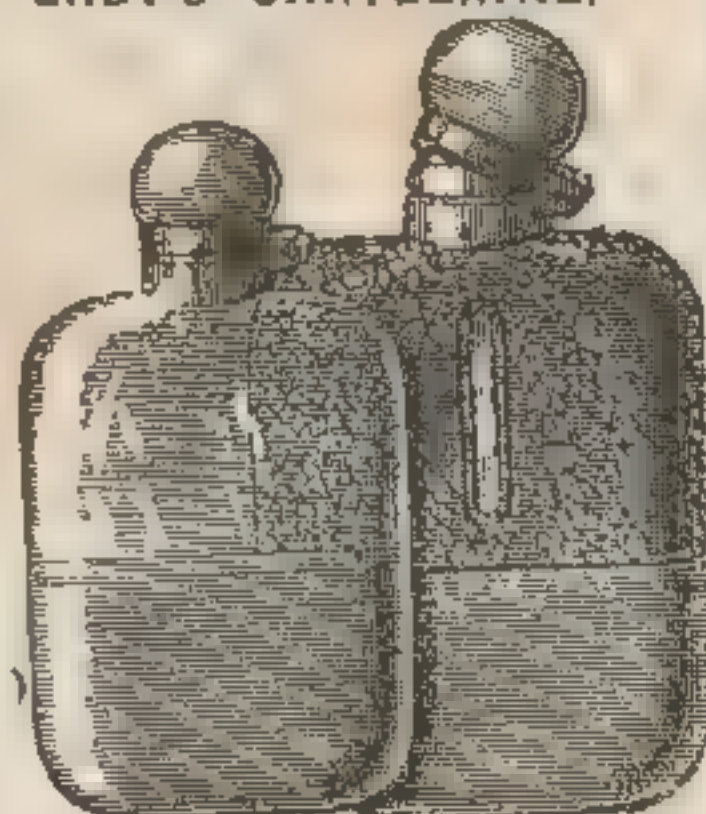
No. 3
LADY'S PURSE & CARD CASE.



No. 4.
GENT'S WALLET.



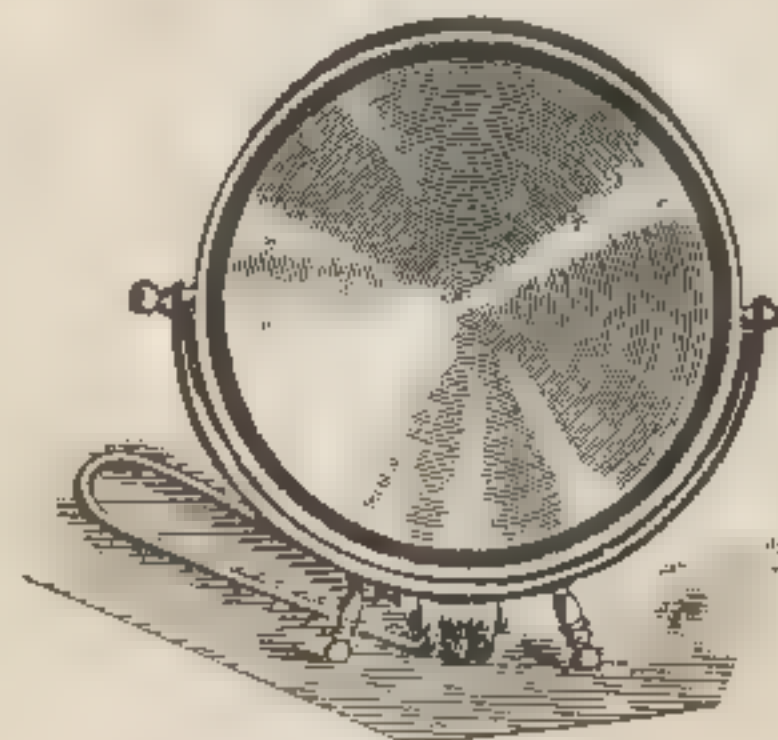
NEW THERMOS FLASK.
Retains contents at original
temperature under all
conditions.



SPIRIT FLASKS. $\frac{1}{4}$ to $1\frac{1}{2}$ pints.
Sterling Silver, E.P. and B.M.

OBLONG SHAVING MIRRORS
WITH N.P. FRAMES.

SHAVING MIRRORS ON
PEDESTALS,
Complete with all
accessories.

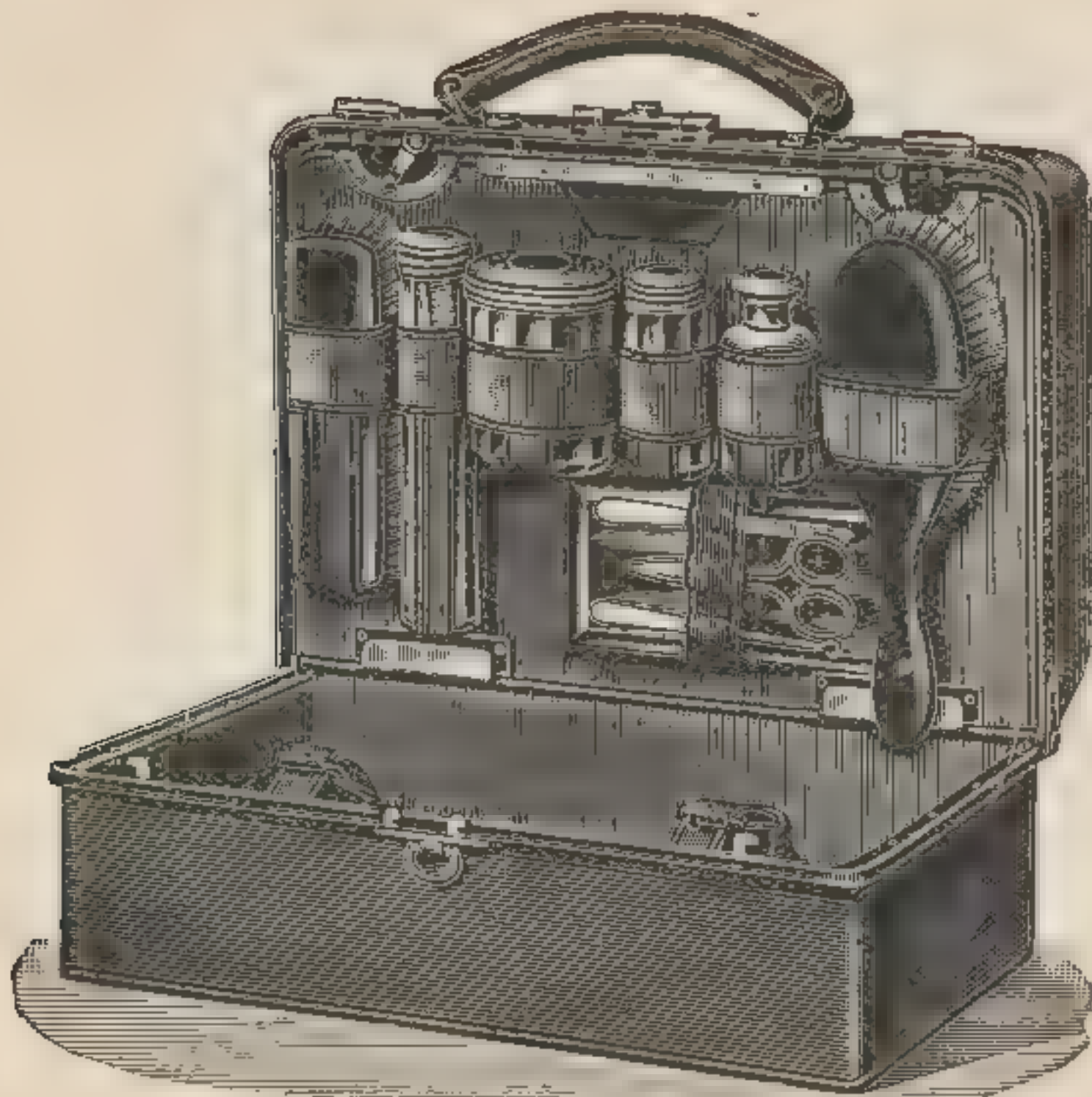


SHAVING MIRROR.
With N.P. Frame, 6 and 7 inch.
Also, with Magnifying Glass on
the reverse.

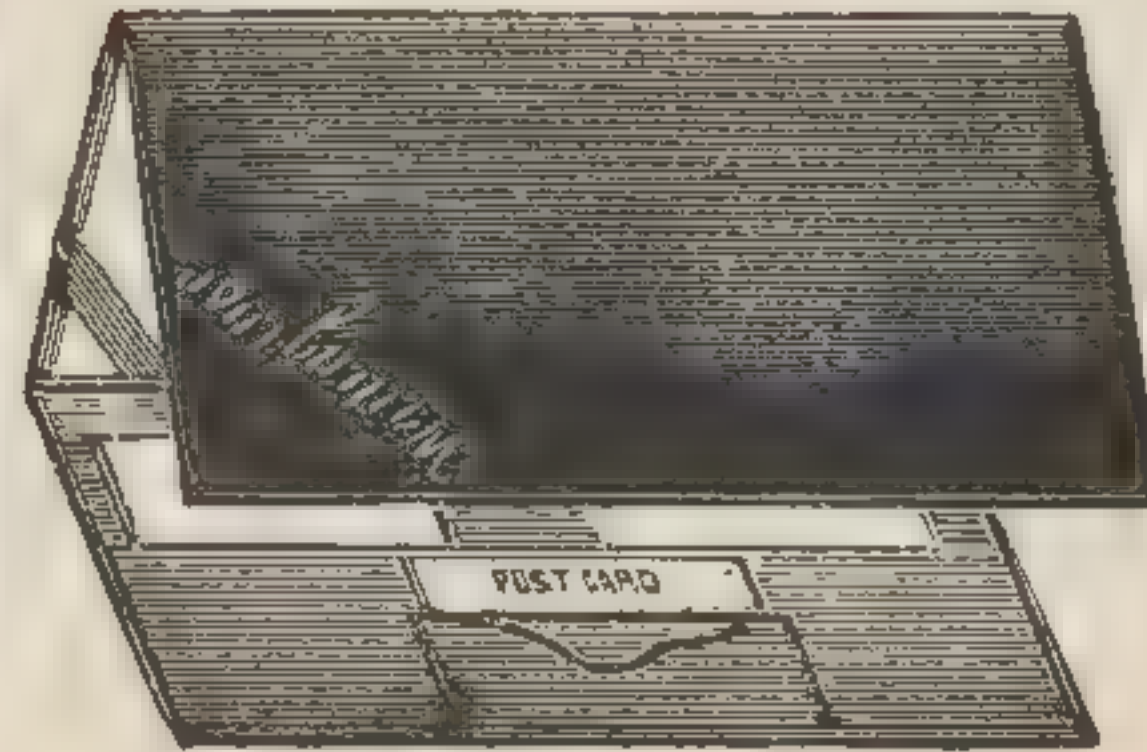


SHAVING MIRROR.
With N.P. Telescopic Frame,
also, with Magnifying Glass
on the reverse.

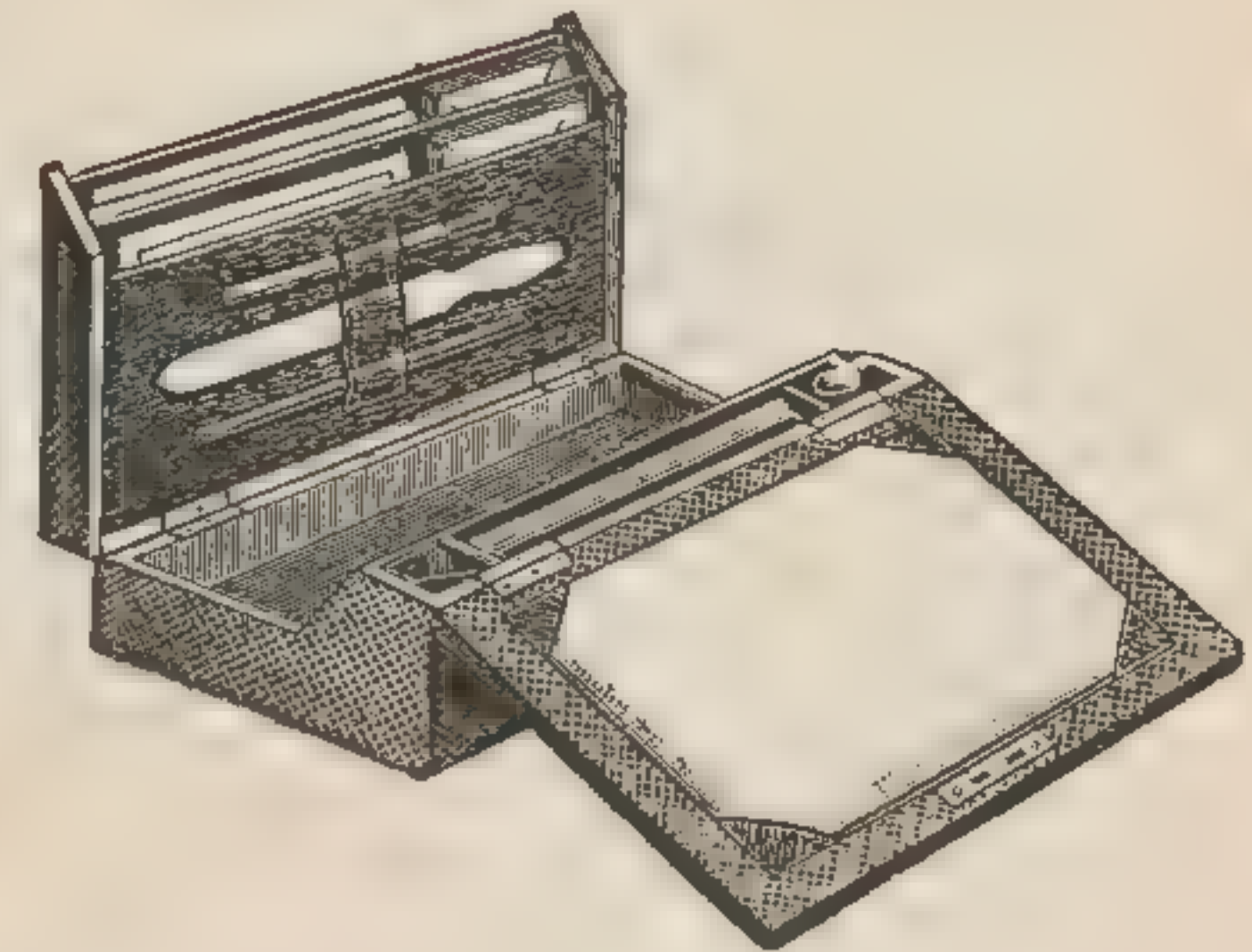
Travelling Cases.



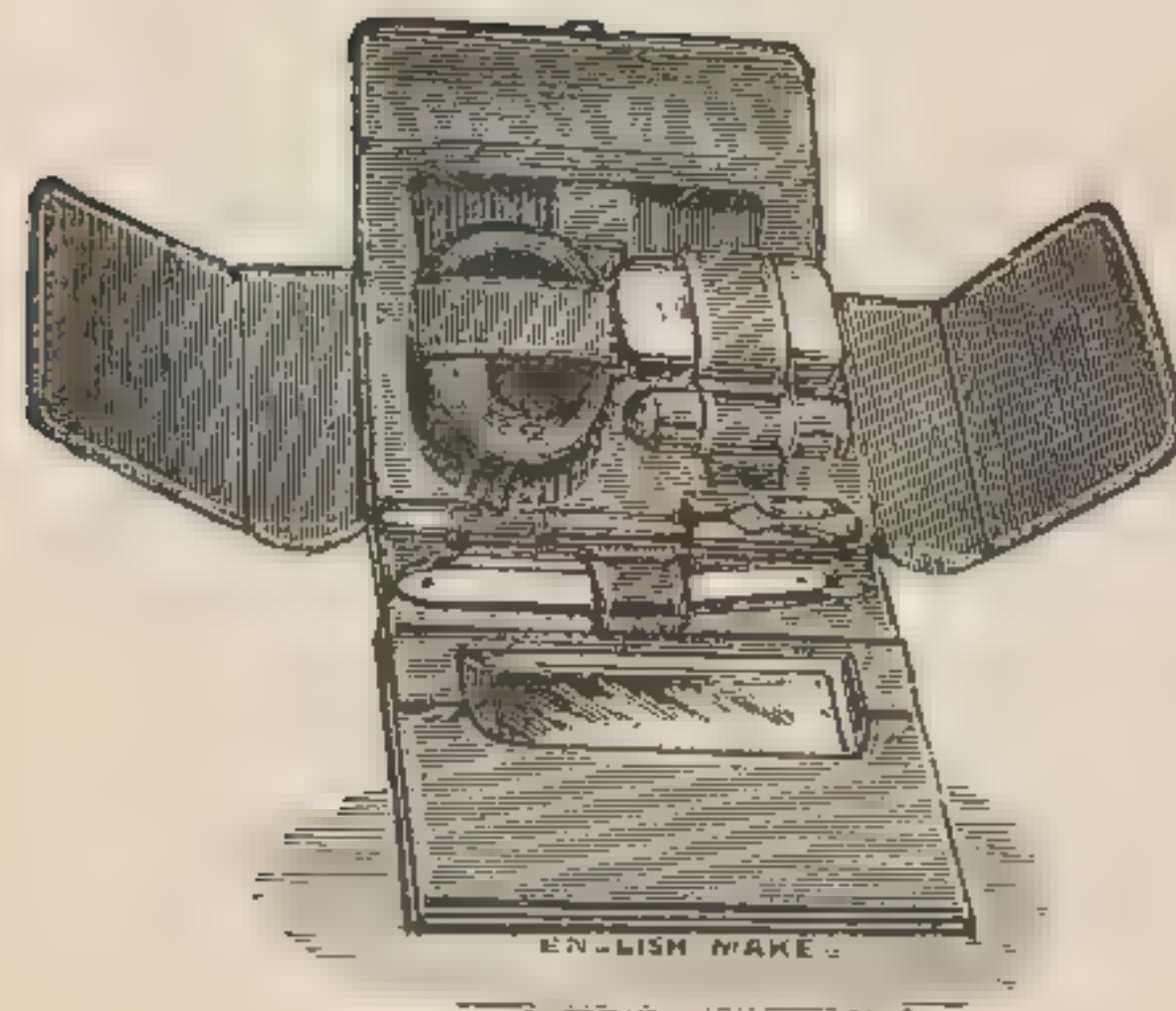
No. 11. LADY'S TRAVELLING BAG.



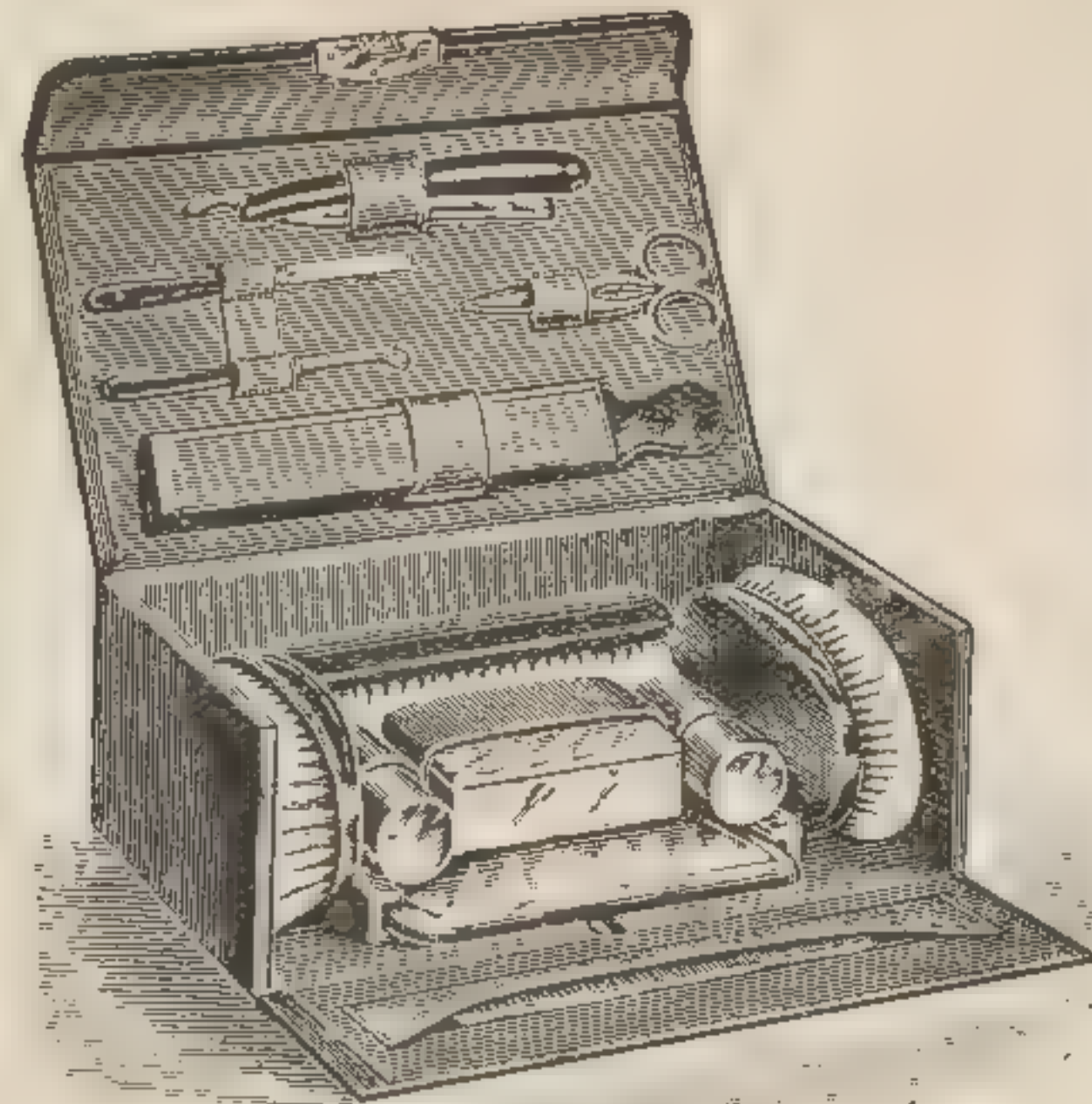
No. 4. WRITING CASE.



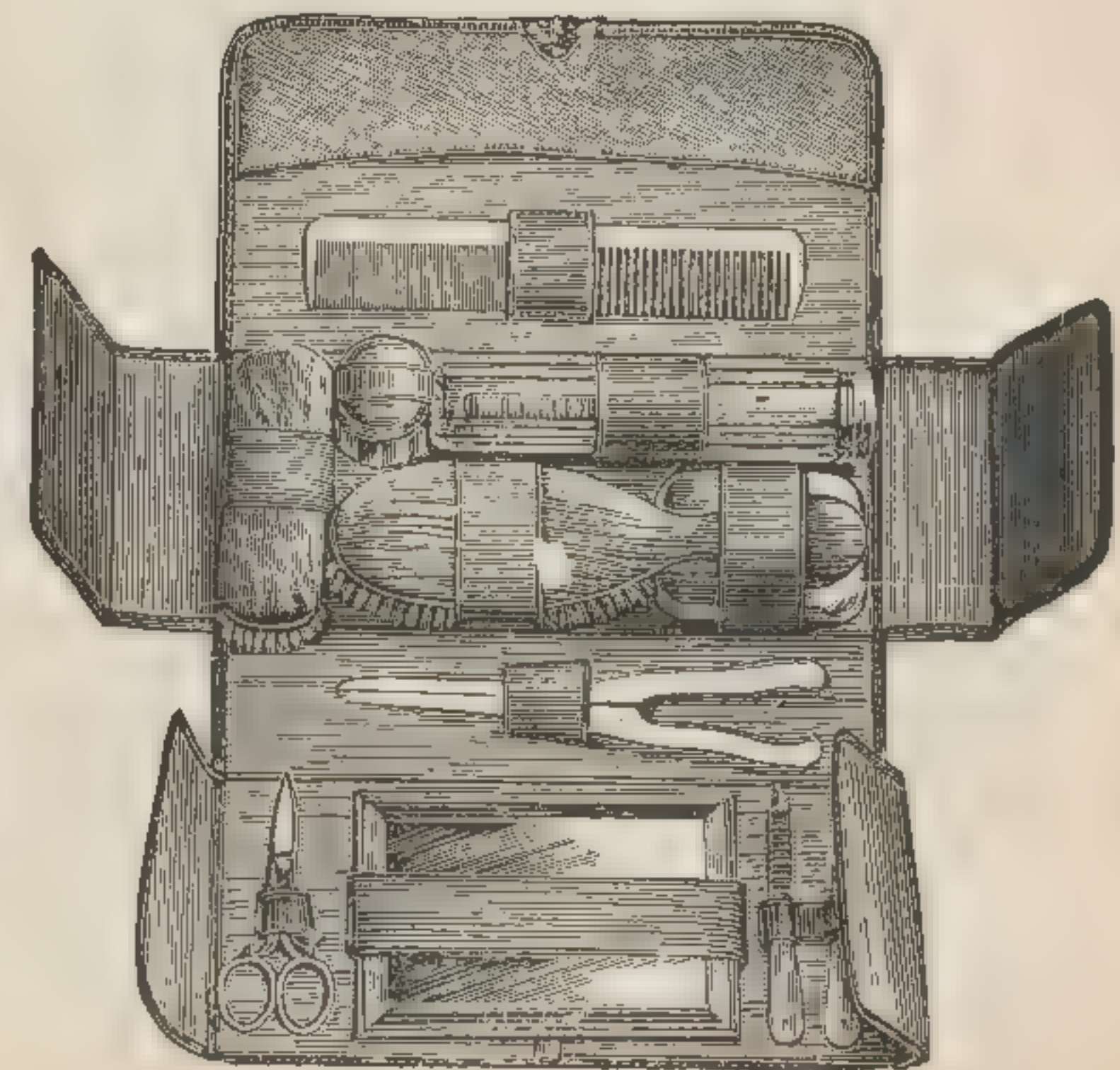
No. 9. WRITING CASE.



No. 7. GENT'S DRESSING CASE.

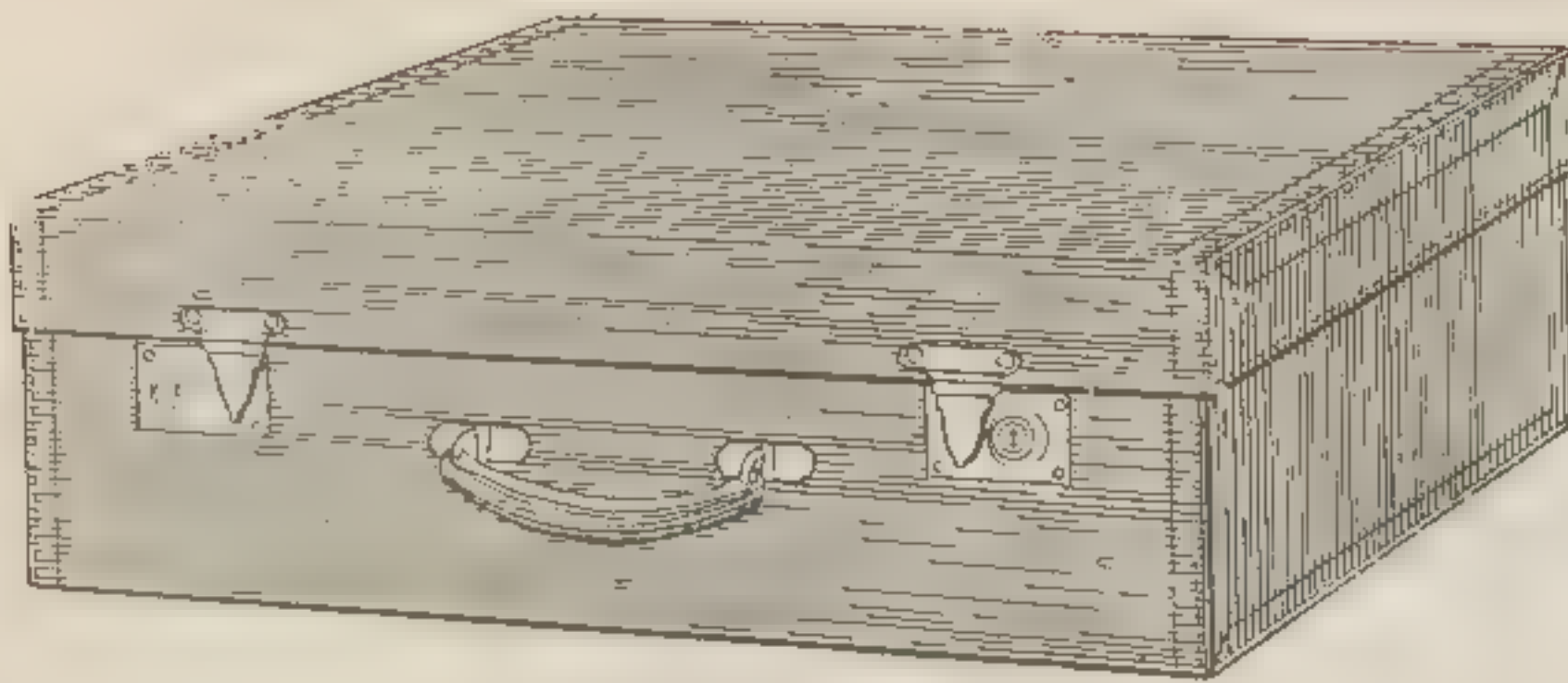


No. 8. GENT'S DRESSING CASE.

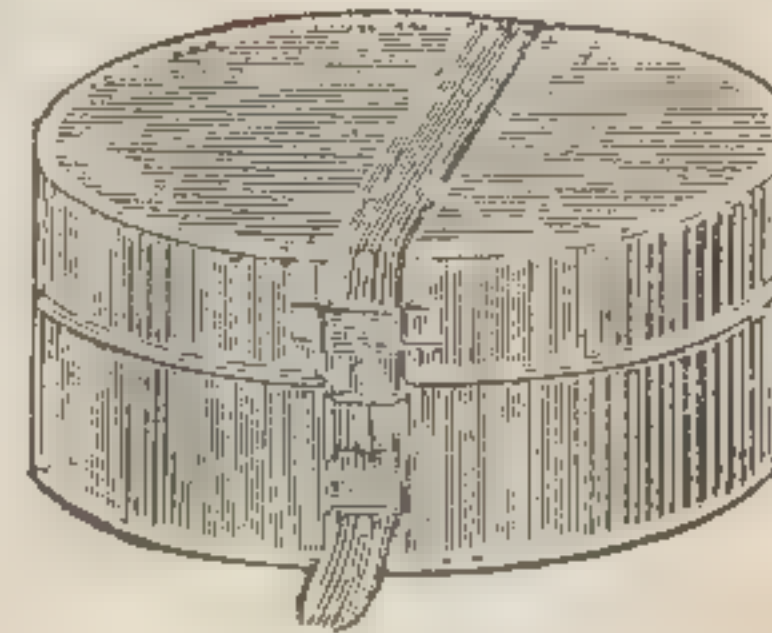


LADY'S DRESSING CASE.

Travelling Cases—Continued



LEATHER SUIT CASE.
18, 20, 22, 24, 26, 28, 30 inches.
No. 48. Solid Leather, Drill Lined.
" 49. " " " Superior.



COLLAR BOX.
5, 6, 7, 8 inches.
Depth 3 inches.

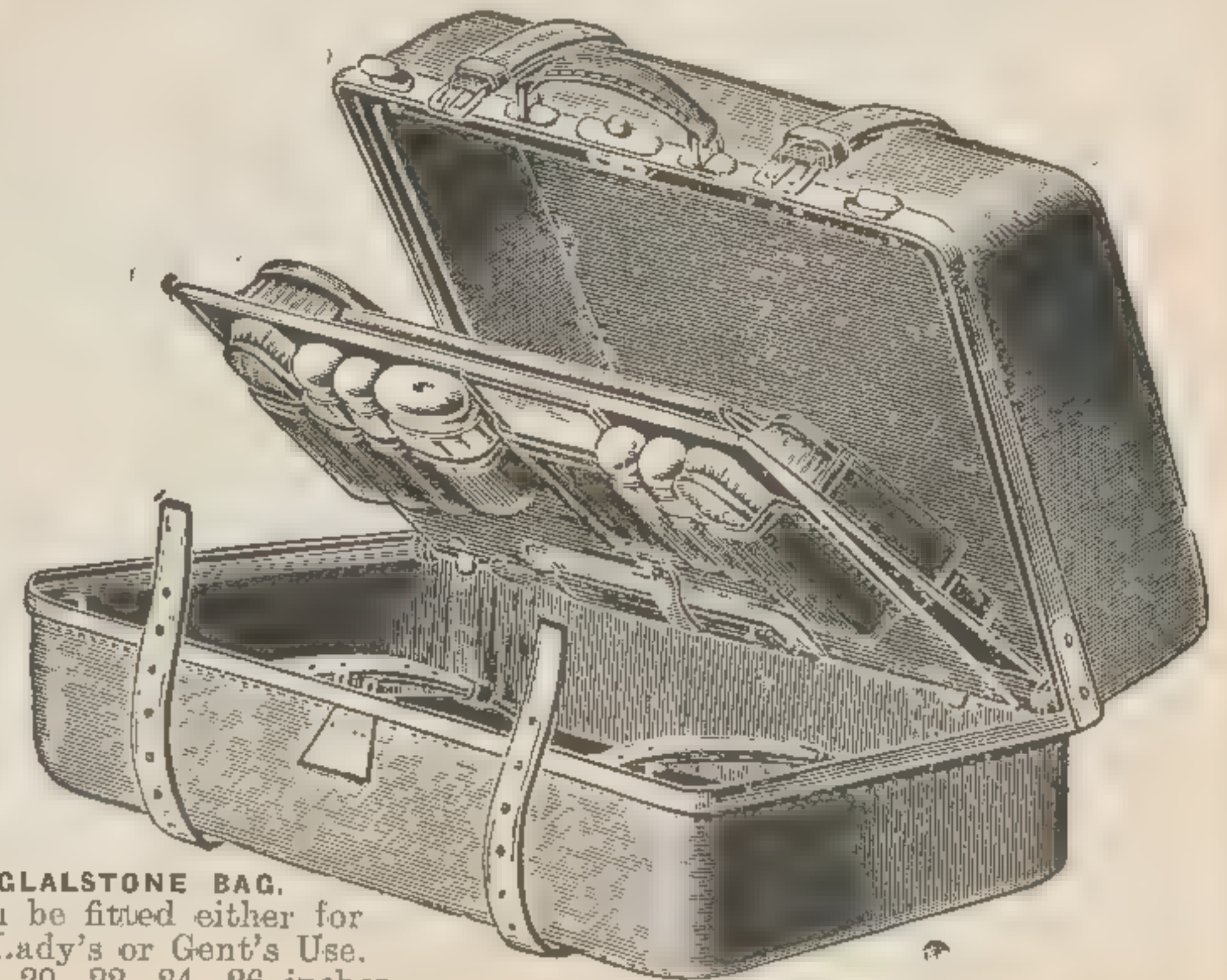


GLADSTONE BAG.
16, 18, 20, 22, 24, 26, 28, 30
Various Qualities.



GENT'S SUIT CASE.
Can be fitted either for Lady's or Gent's use.
20, 22, 24, 26 inch.

- | | |
|--------|-------------------------------------|
| No. 36 | Basil Sides, Hide Ends, Jean Lined. |
| " 37 | All Hide, Jean Lined. |
| " 38 | " " with Shdes. |
| " 39 | Superior Lined, with Sides. |
| " 40 | Leather " " Superior |
| " 41 | " " " " Extra wide. |



GLADSTONE BAG.
Can be fitted either for
Lady's or Gent's Use.
18, 20, 22, 24, 26 inches.

Leather Bags.



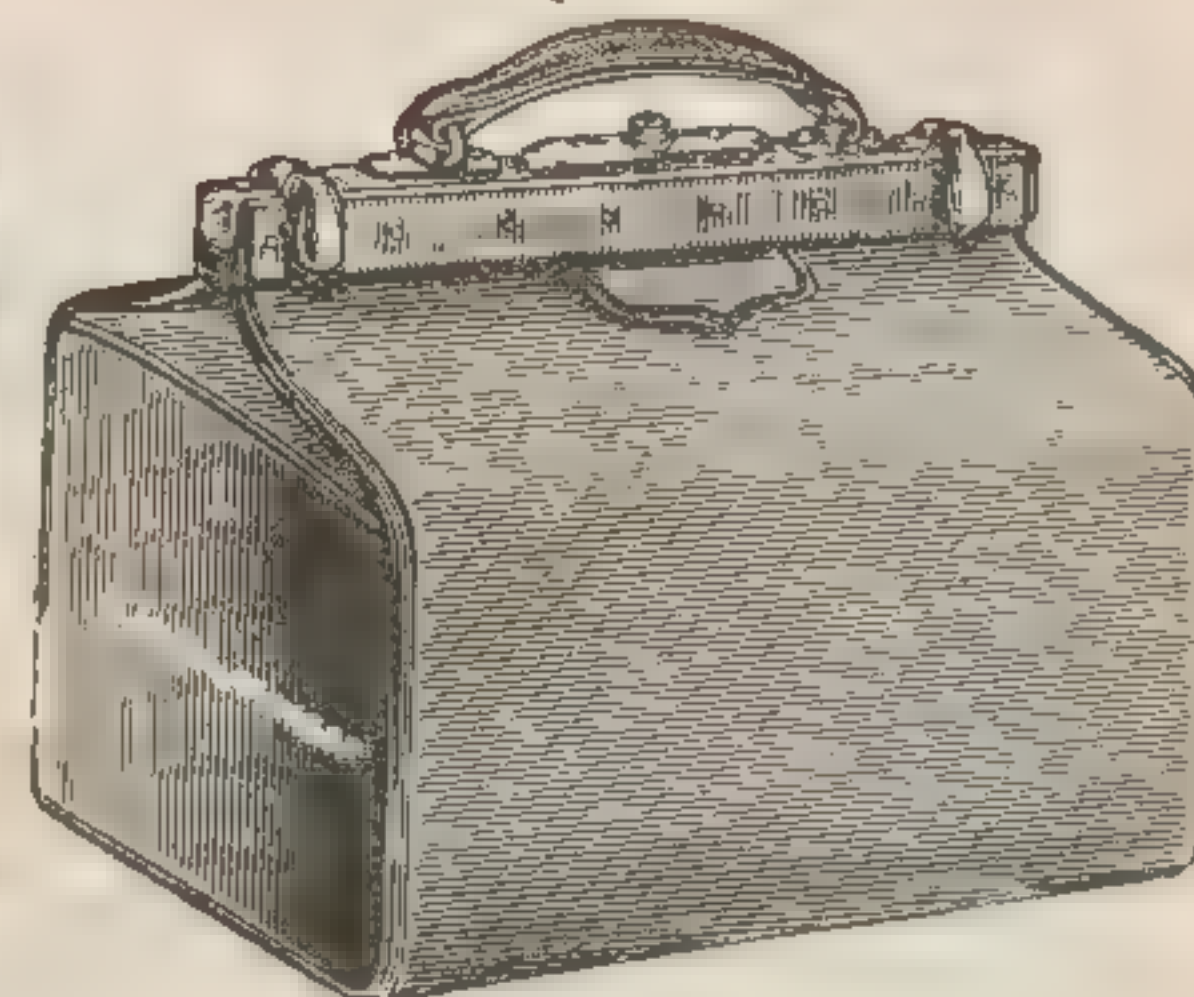
HERCULEN BAG.
12, 14, 16, 18, 20 inches.
No. 28. All Hide, Jean Lined.
" 29. " " Leather Lined.



BANKER'S BRIEF BAG.
12, 14, 16, 18 inch.
No. 34. All Hide, Leather Lined.
Superior Finish.



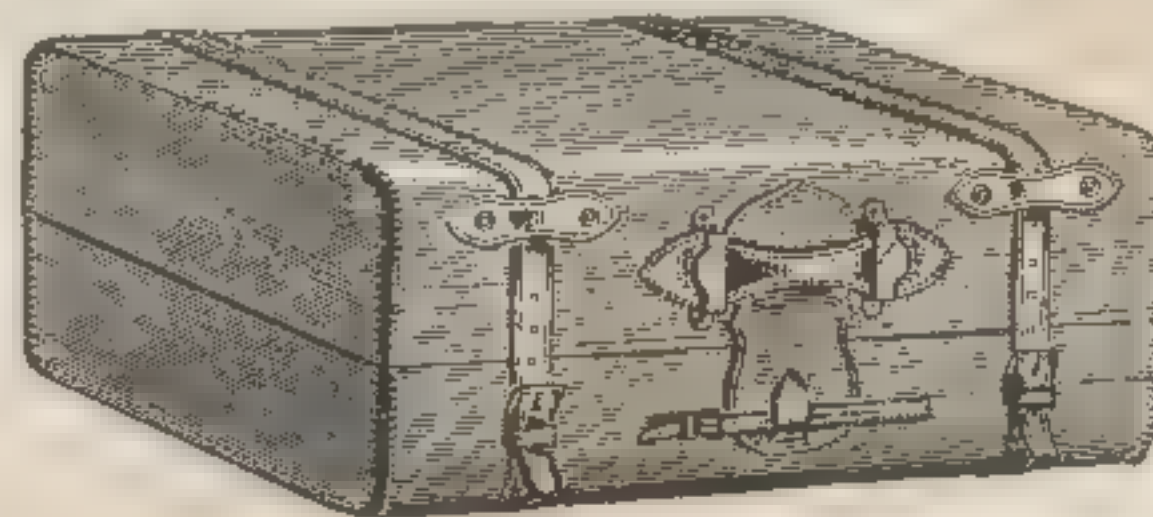
BRIEF BAG.
10, 12, 14, 16, 18, 20 in.
No. 30. Basil Sides. Hide Ends.
" 31. All Hide. Jean Lined.
" 32. " Leather Lined.
" 33. " " Superior.



KIT BAG.
12, 14, 16, 18, 20, 22, 24 inches.
No. 16. All Hide, Jean Lined.
No. 17. " Leather Lined.
No. 18. " With Covered Frames.
Jean Lined.
No. 19. " ditto, Leather Lined.
No. 20. " Superior Covered Frame,
Jean Lined.



SQUARE HAND BAG.
12, 14, 16, 18, 20 inches.
No. 26. All Hide, Painted Frame.
" 27. " " " Jean Lined.
" " " " Leather Lined.



PORTMANTEAU.
18, 20, 24, 26, 28, 30 inch.
No. 44. Basil, Wood Frame.
" 45. " Iron "
" 46. Solid Leather.
" 47. " " Extra Strong, Superior.



KIT BAG.
16, 18, 20, 24, 26 inches.
No. 21. All Hide, Jean Lined.
No. 22. All Hide, Leather Lined.



SATCHEL.
10, 11, 12 inch.
No. 35. Plain Leather
and Fancy Leather.

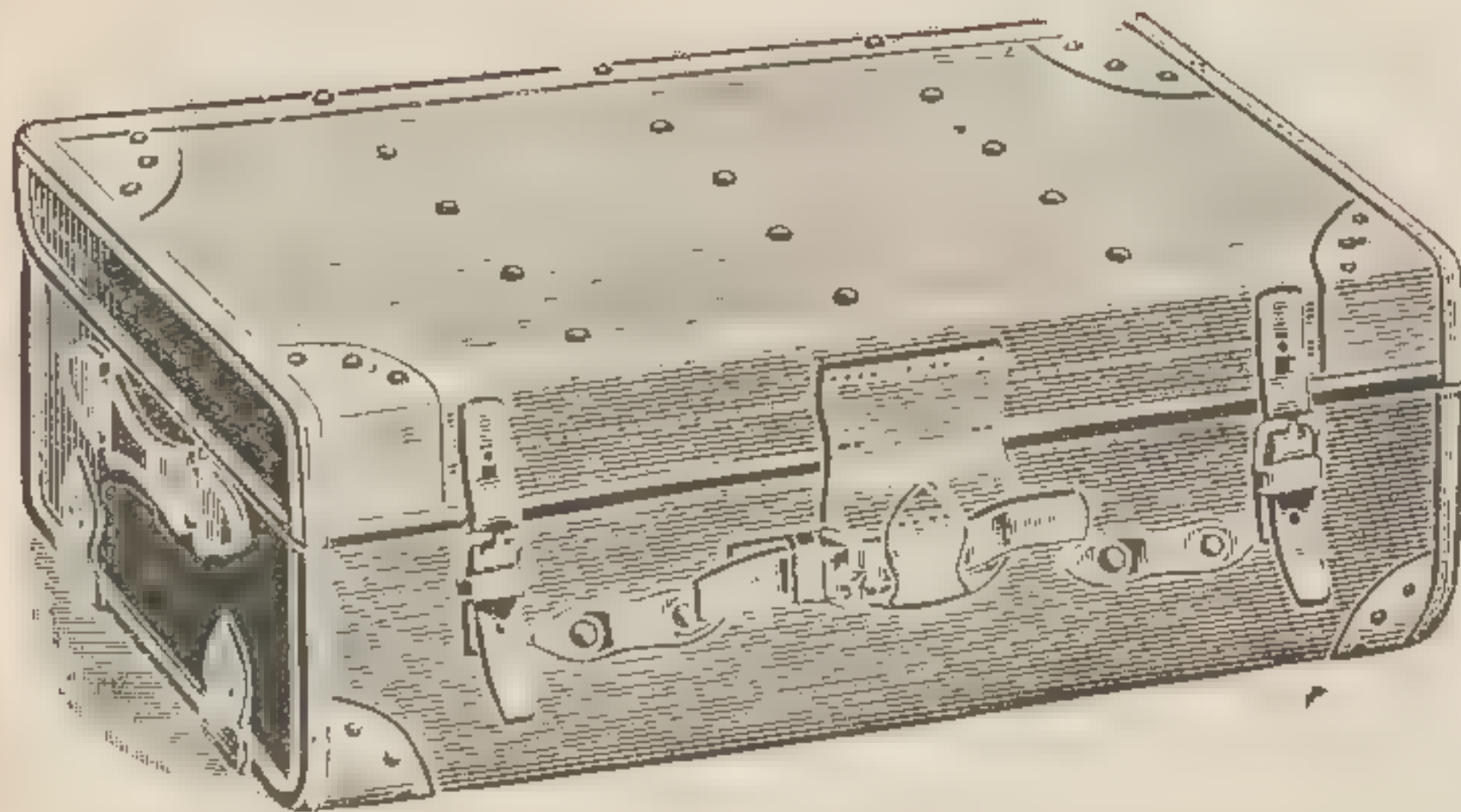
VALISES. 24 x 25, 26 x 27,
inch. Am. Cloth, Basil,
Enamelled Leather, Bag
Leather.

BETTING BAGS. 16, 18
inch, with Straps and
Handles.



HUNTING KIT BAG
(extra strong). 20, 22, 24, 26, 28 inches.
No. 42—Best Frame, Jean Lined.
No. 43— " " Leather Line

Trunks, Cases, Etc.

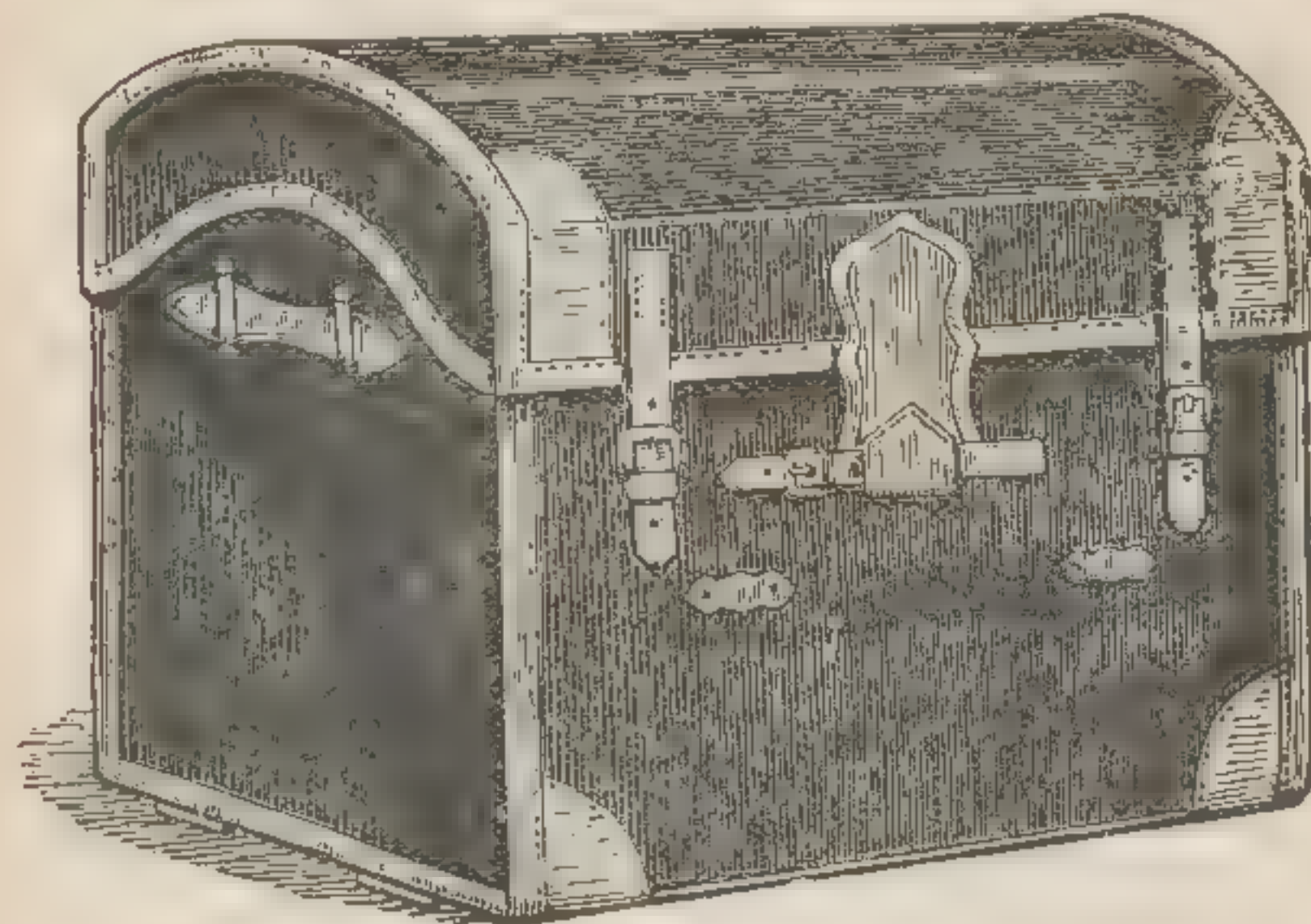


CABIN TRUNK. Length 27, 30, 33, 36 inches.
Depth $13\frac{1}{2}$ inches.
Width $17\frac{1}{4}$ or $20\frac{1}{4}$ inches.

CABIN TRUNKS.

- No. 50. Black or Tan Canvas.
- „ 51. Superior Black, Tan or Green Canvas.
- „ 52. Compressed Cane.
- „ 54. Solid Leather.

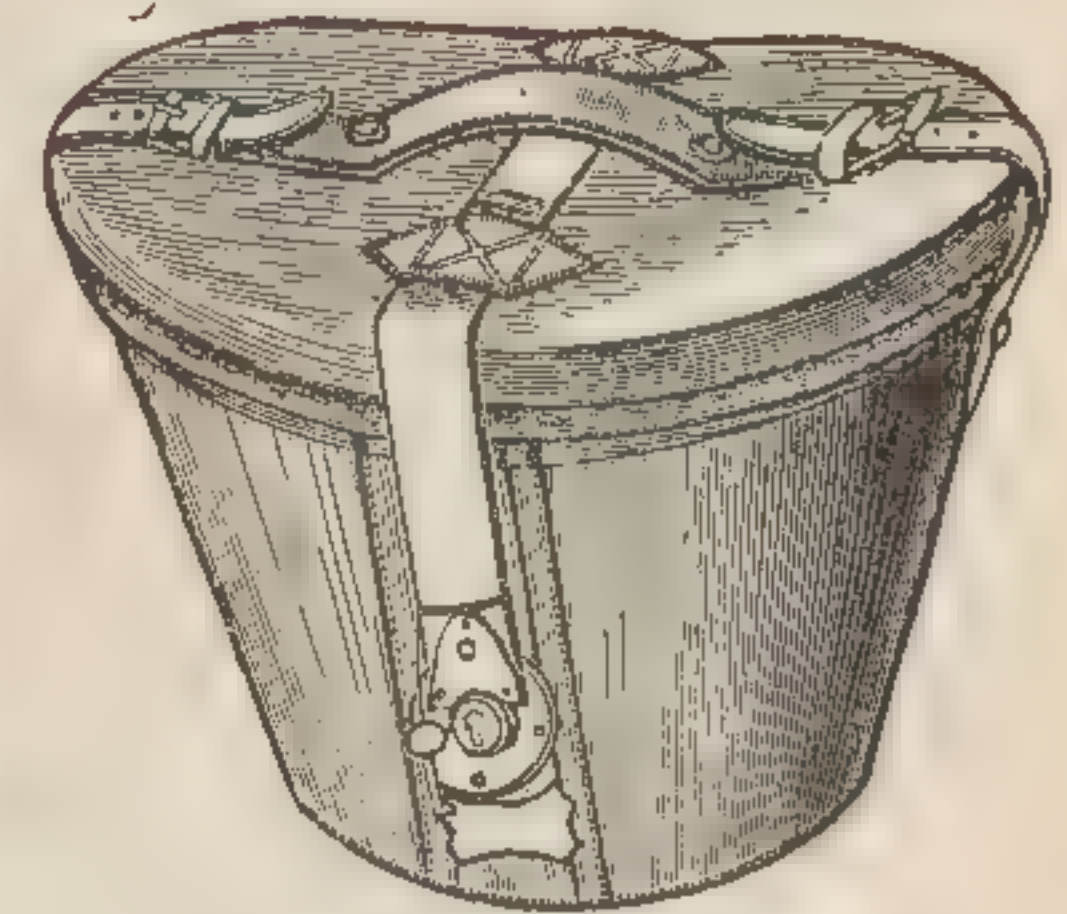
Trays sent unless otherwise instructed.



LADIES' DRESS BASKET.
30, 33, 36, 39 inches.
No. 56. Black or Green Canvas.



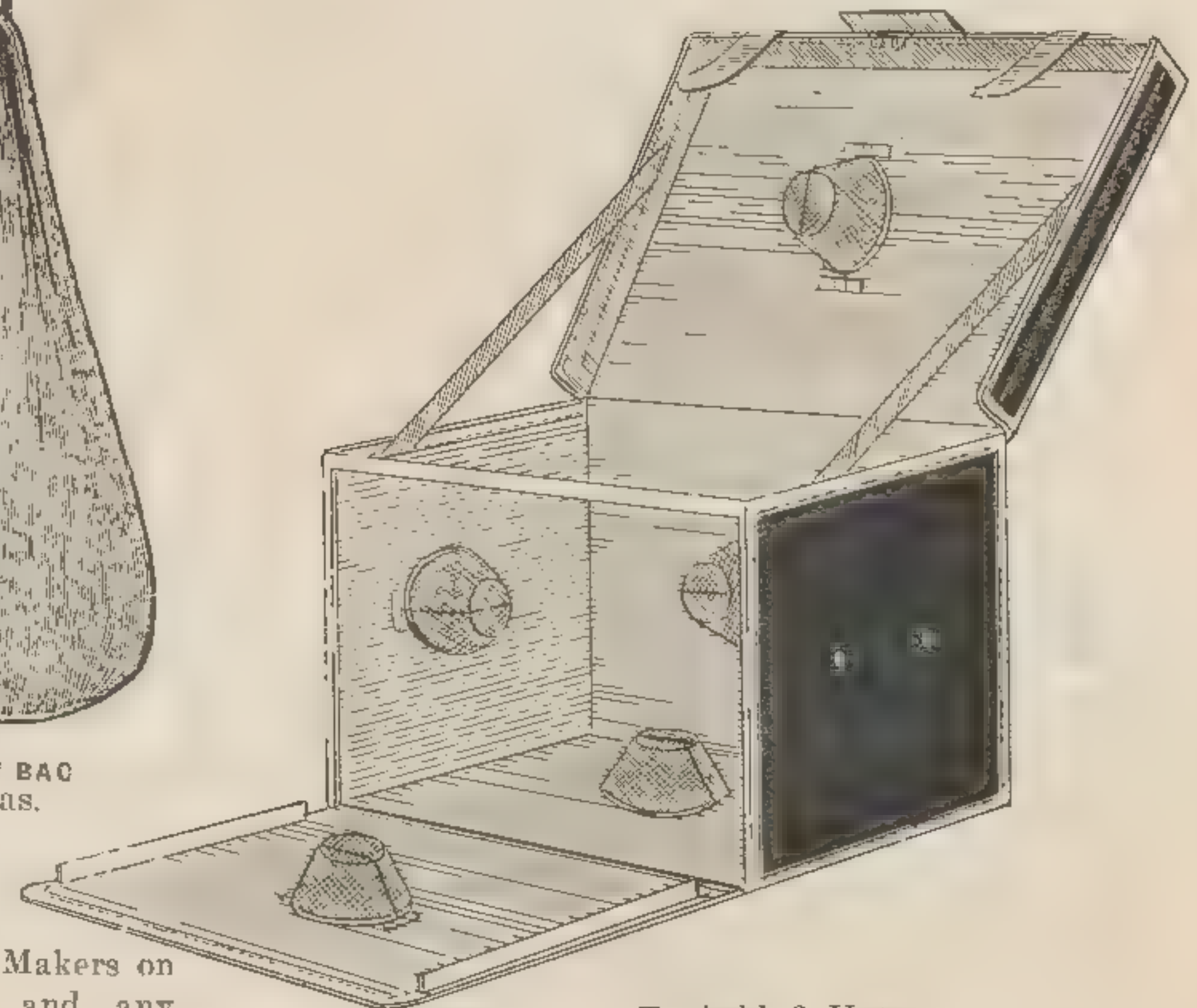
SOLID LEATHER WRITING FOLIO.



GENT'S HAT CASE.
Solid Leather.



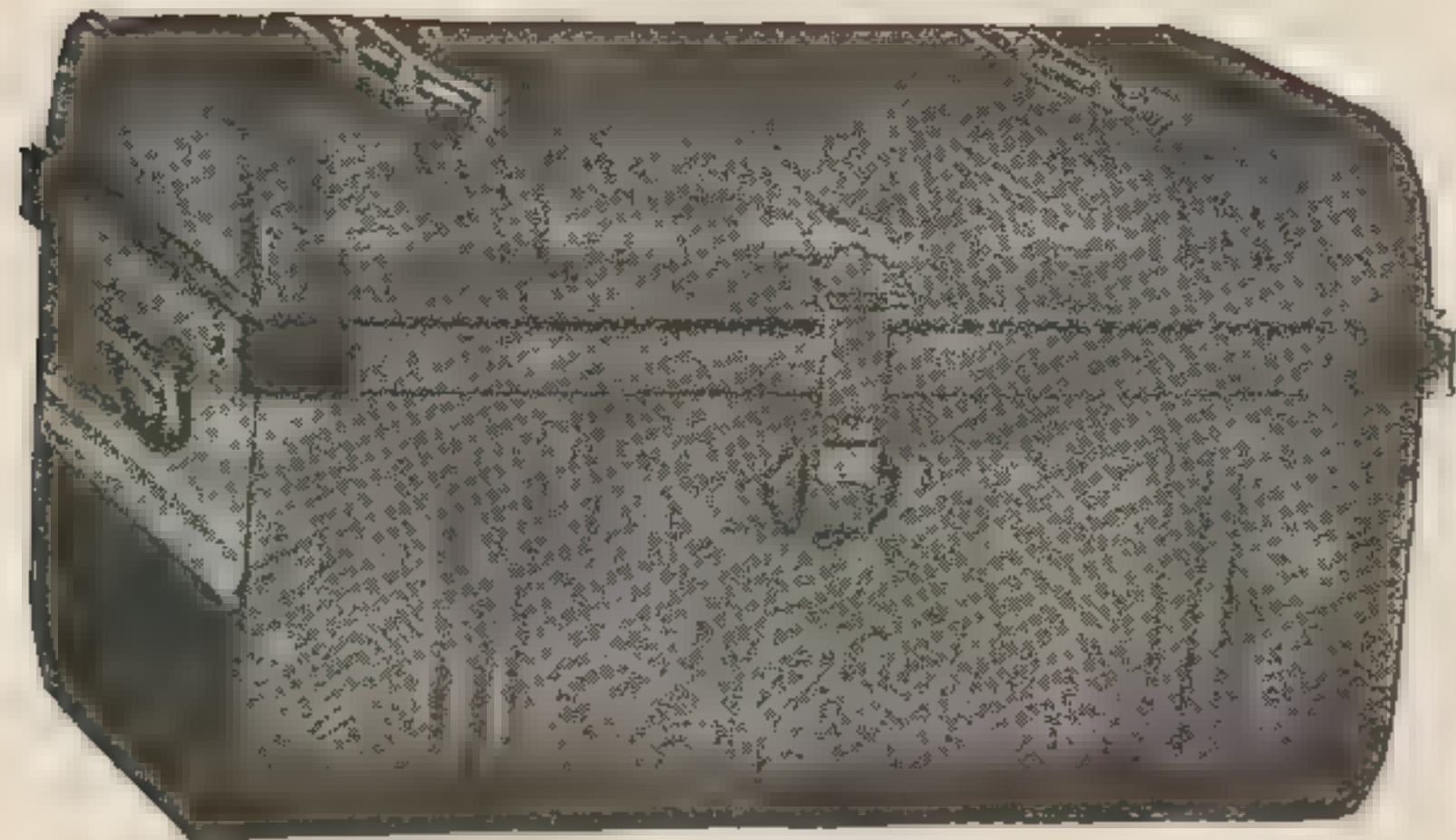
SOILED LINEN BAG
Tan Canvas.



BONNET CASE. To hold 6 Hats.
21 x 16 x 16 inches.
Black or Tan Canvas, and in Solid Leather.

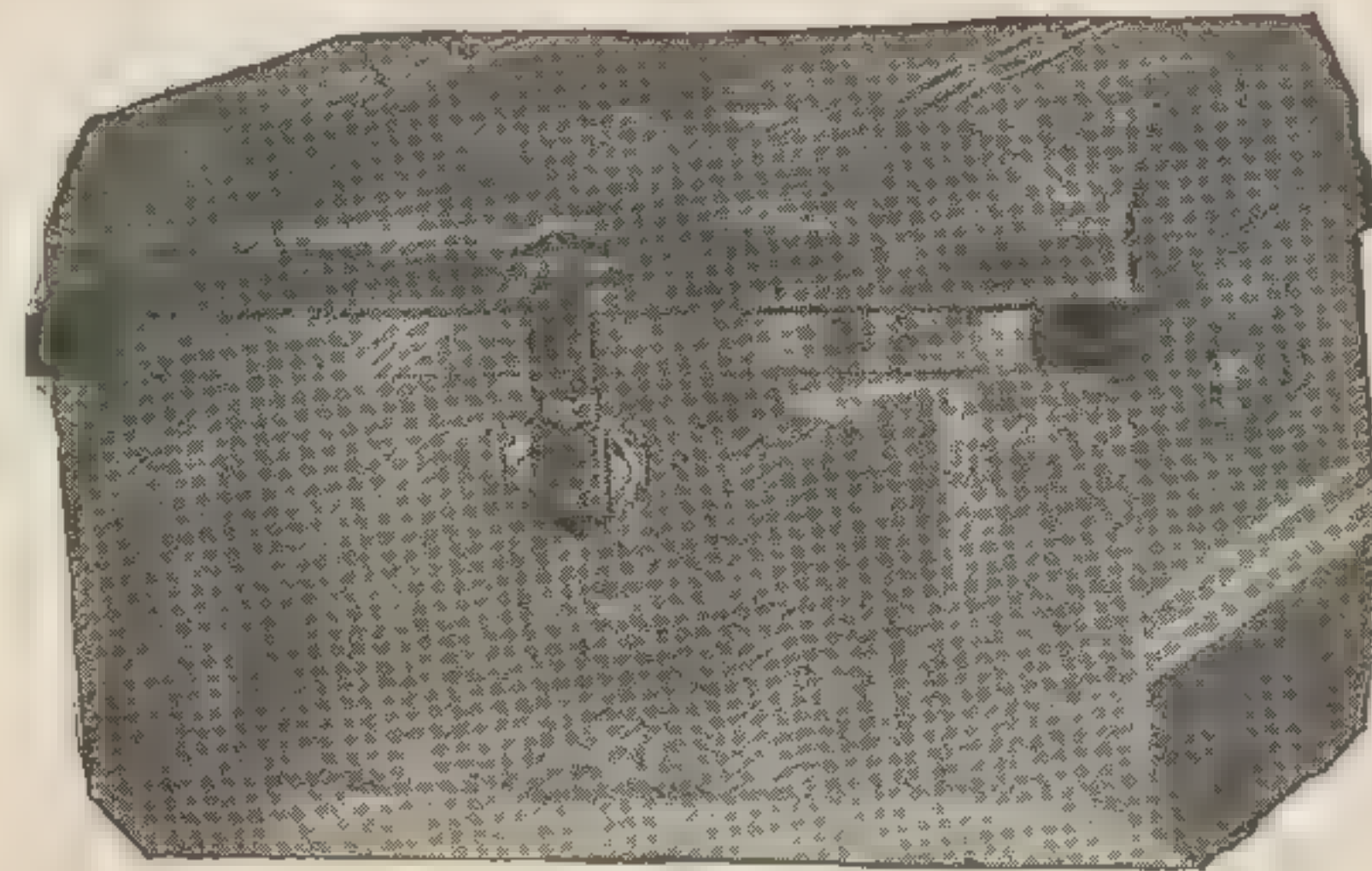
WE EMPLOY Bag Makers on
the PREMISES, and any
Special Bag or Case can be
Made to order.

Steel Travelling Trunks.

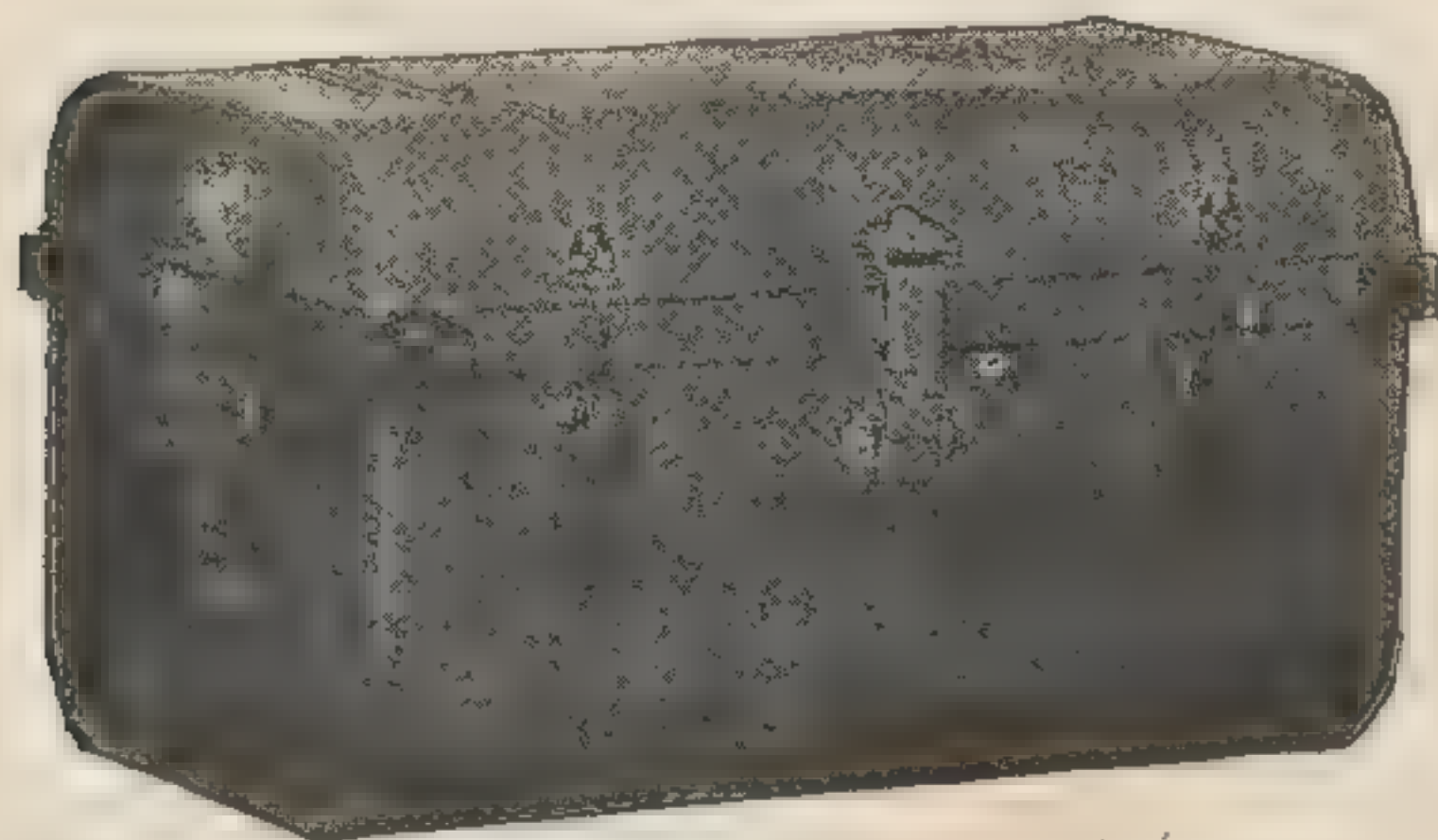


CHALLENGE.
The Cheapest and Best Trunk in the Market.
18 20 22 24 26 28 30 33 inch.

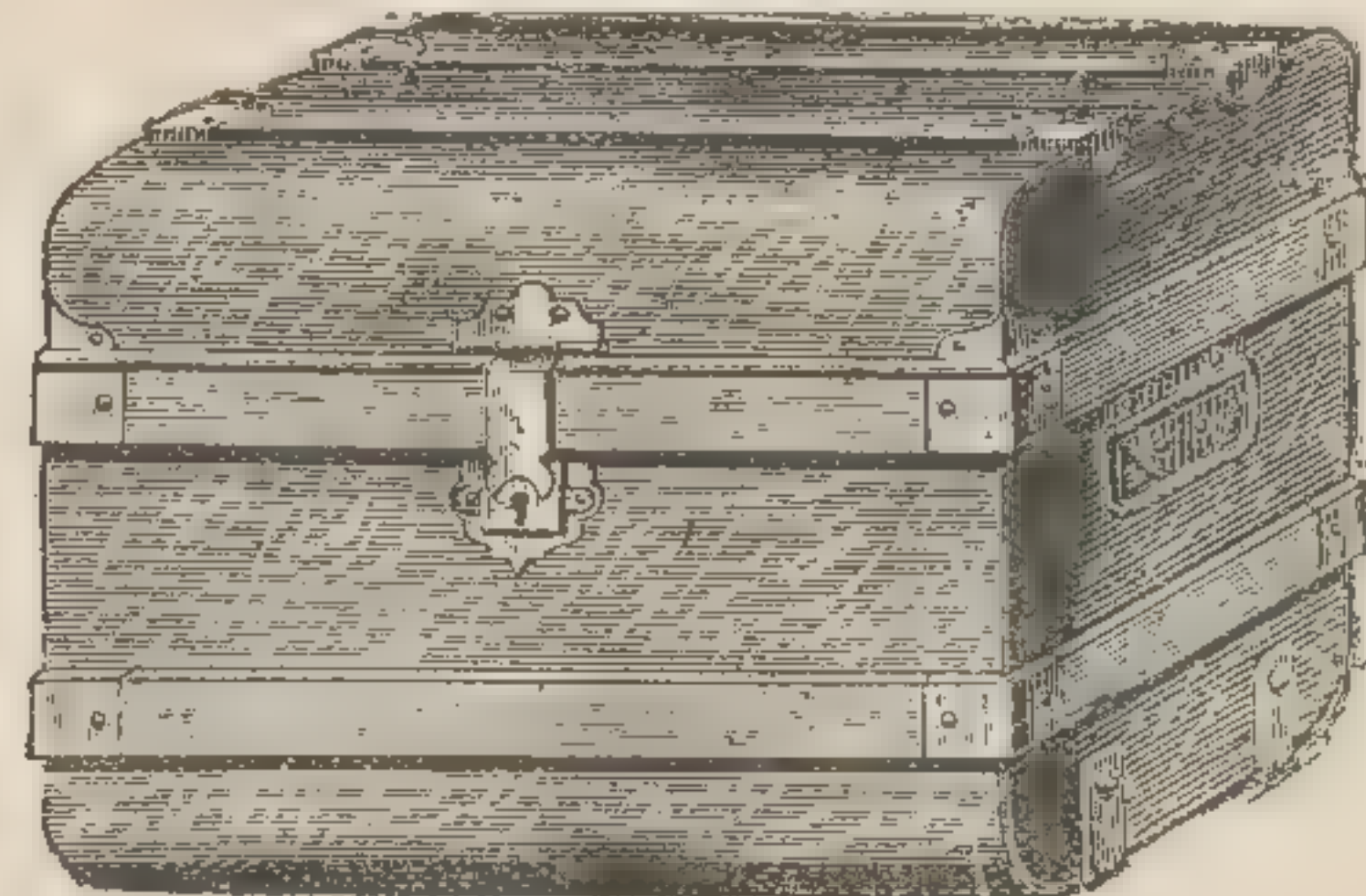
Japanned Oak outside
and
Chocolate inside



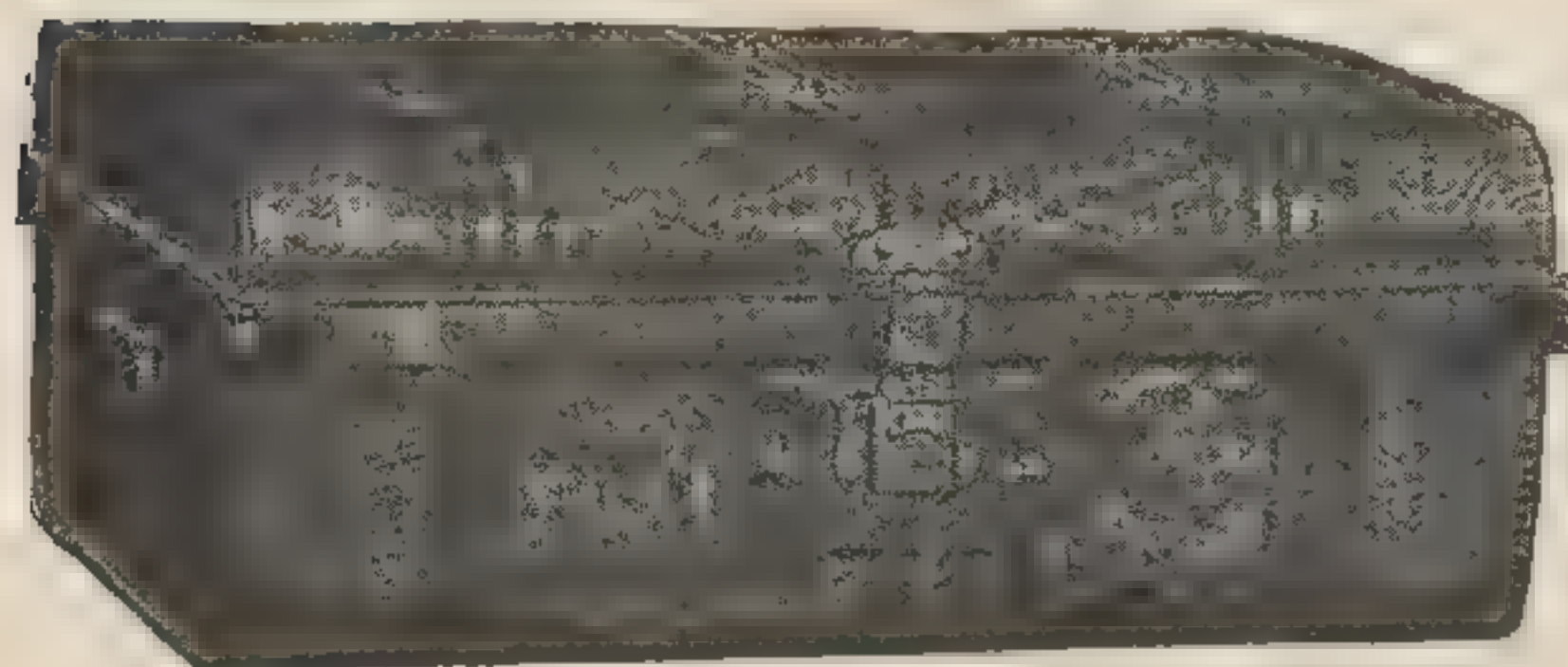
CHICAGO.
A Strong and Well Finished Trunk.
18 20 22 24 26 28 30 33 inch.



CHALLENGE.
With Clips.
18 20 22 24 26 28 30 33 inch.

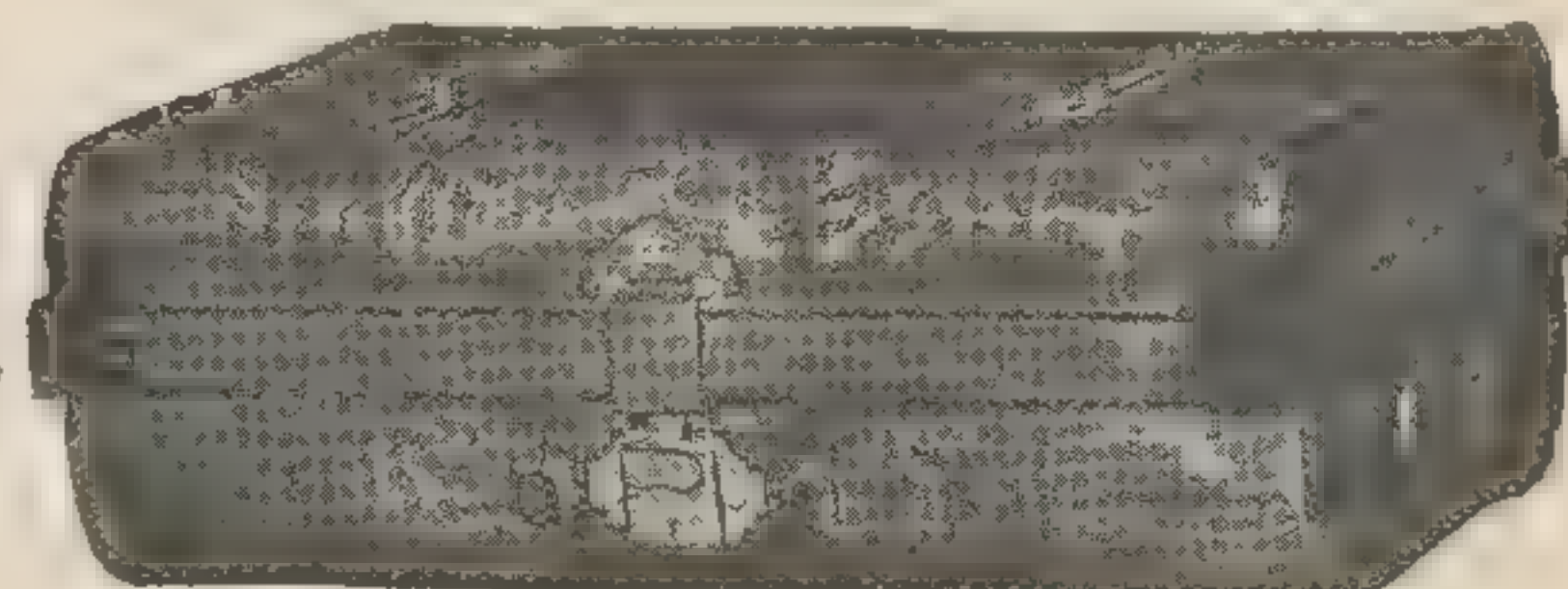


ENTERPRISE.
Strong Quality.
Made with 1 1/4 inch Mould Iron Straps along bottom,
and superior Lever Lock.
22 24 26 28 30 inch.



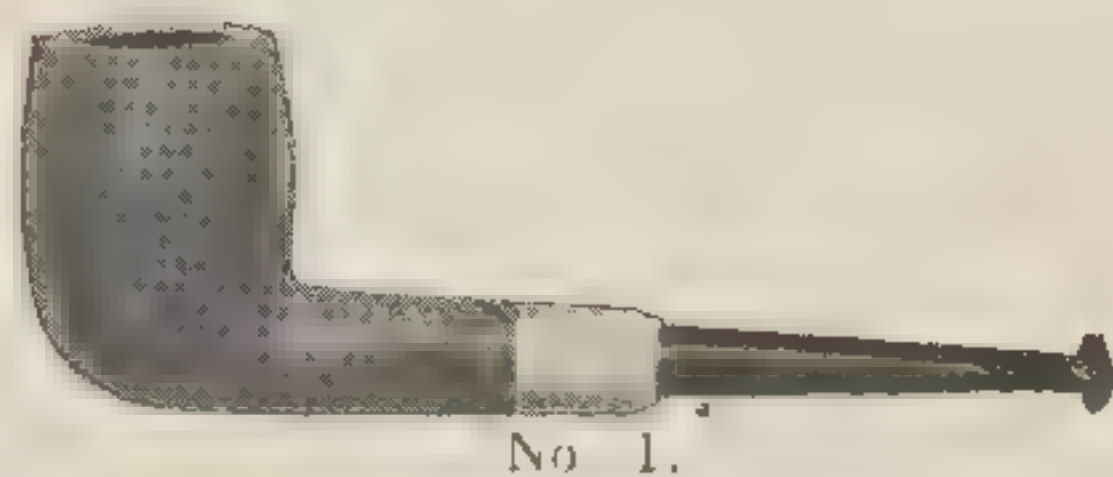
FEDERAL.
20 22 24 26 28 30 inch.

CABIN.
Made to fit under Ship's Berths,
with improved Lever Lock.
Strong and Well Finished.

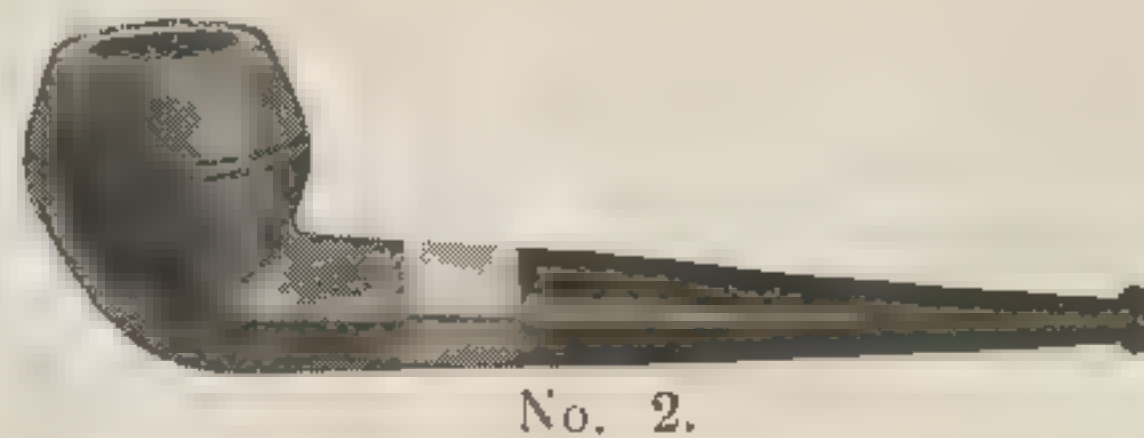


AUSTRALIA.
22 24 27 30 33 inch.

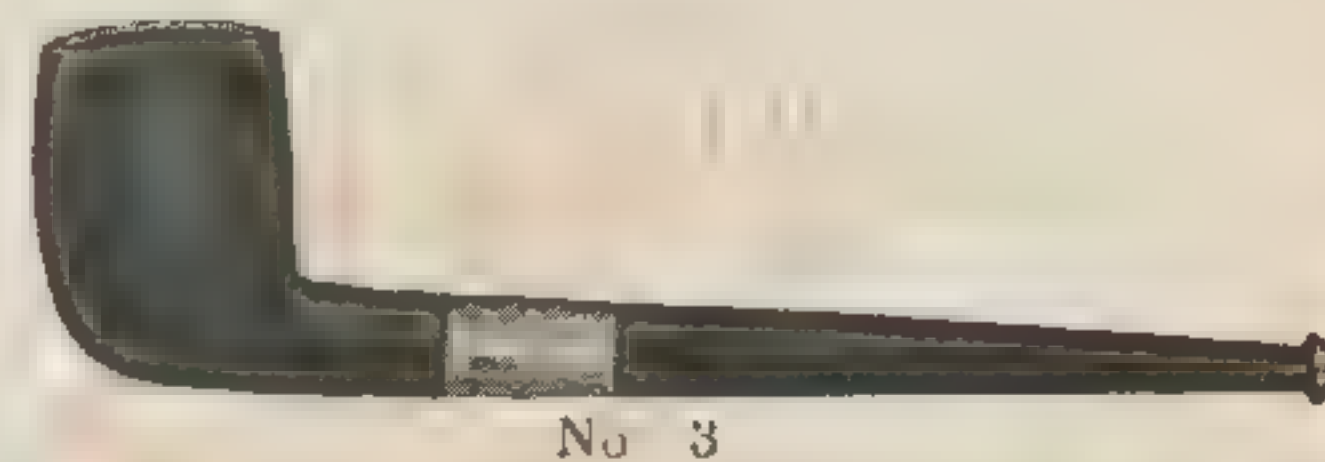
Pipes IN GREAT VARIETY, INCLUDING L. & COY., G.B.D., IDEAL AND OTHERS.



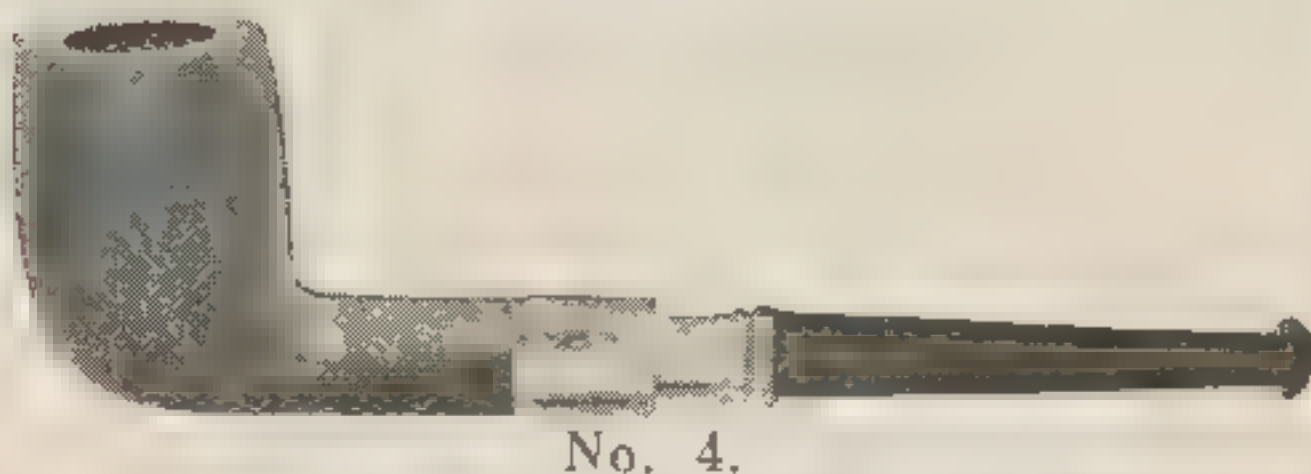
No. 1.



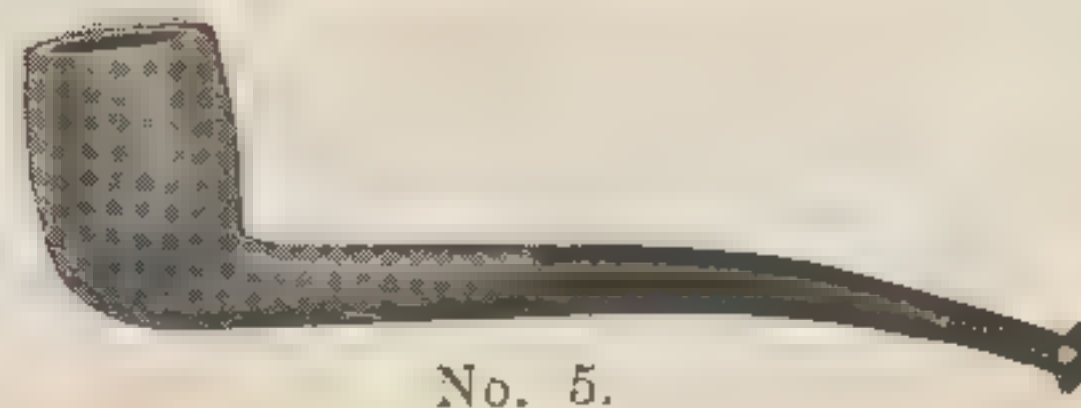
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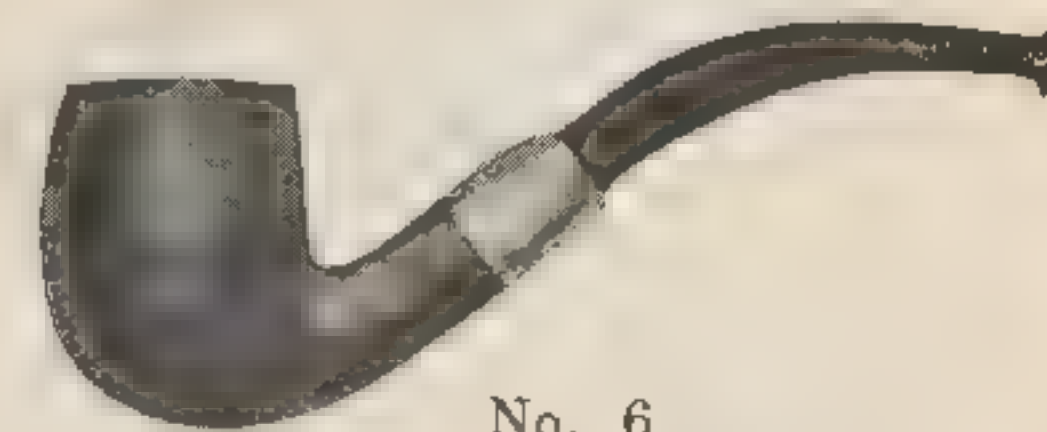
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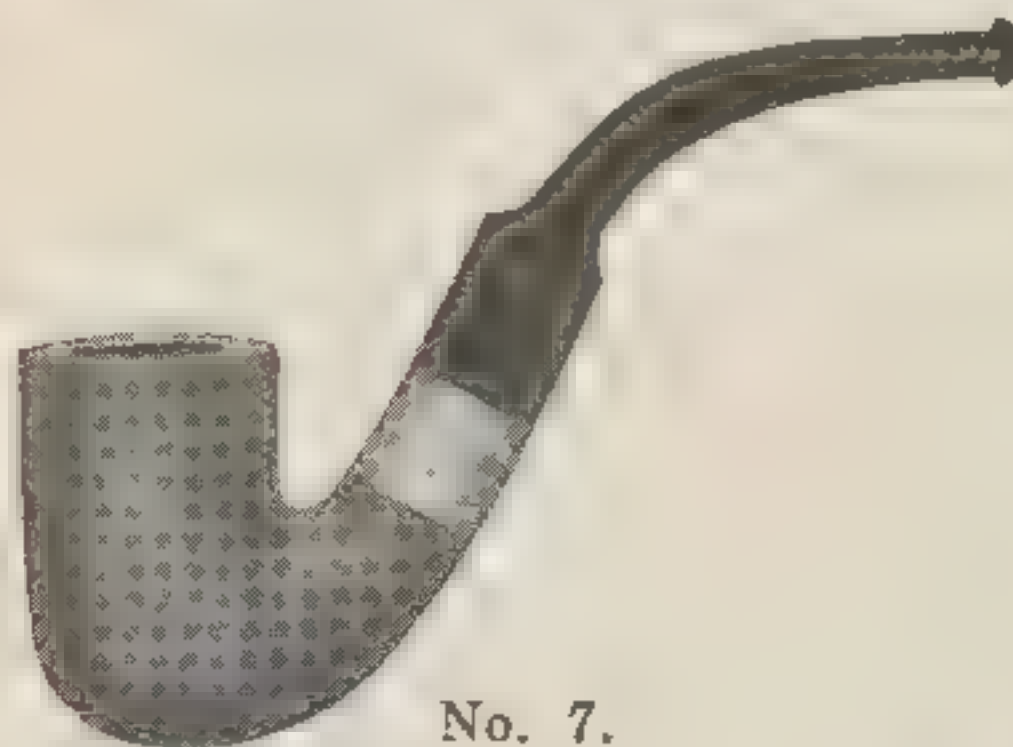
No. 4.



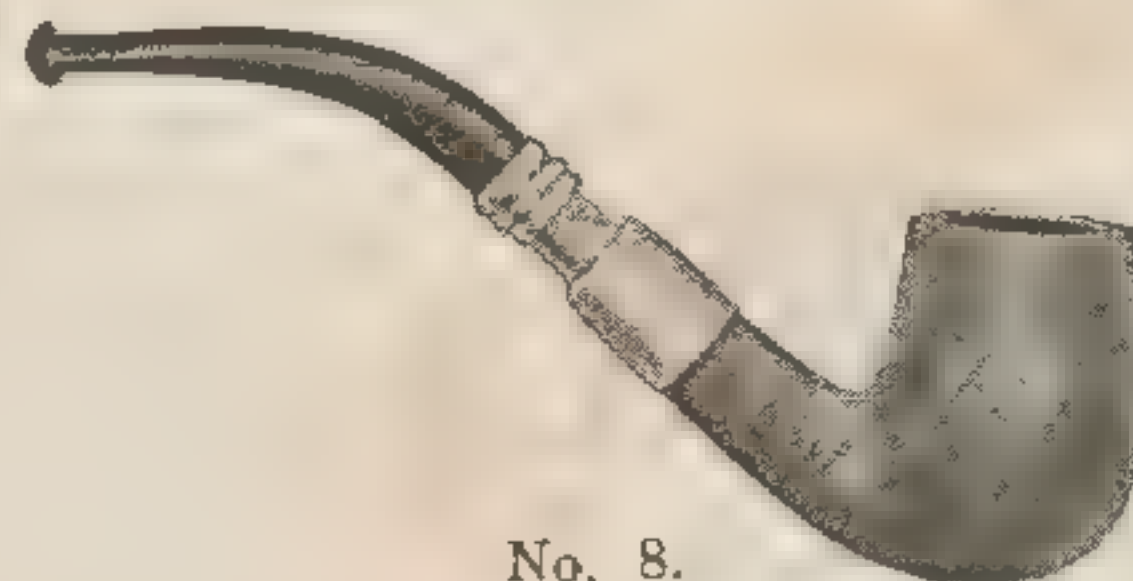
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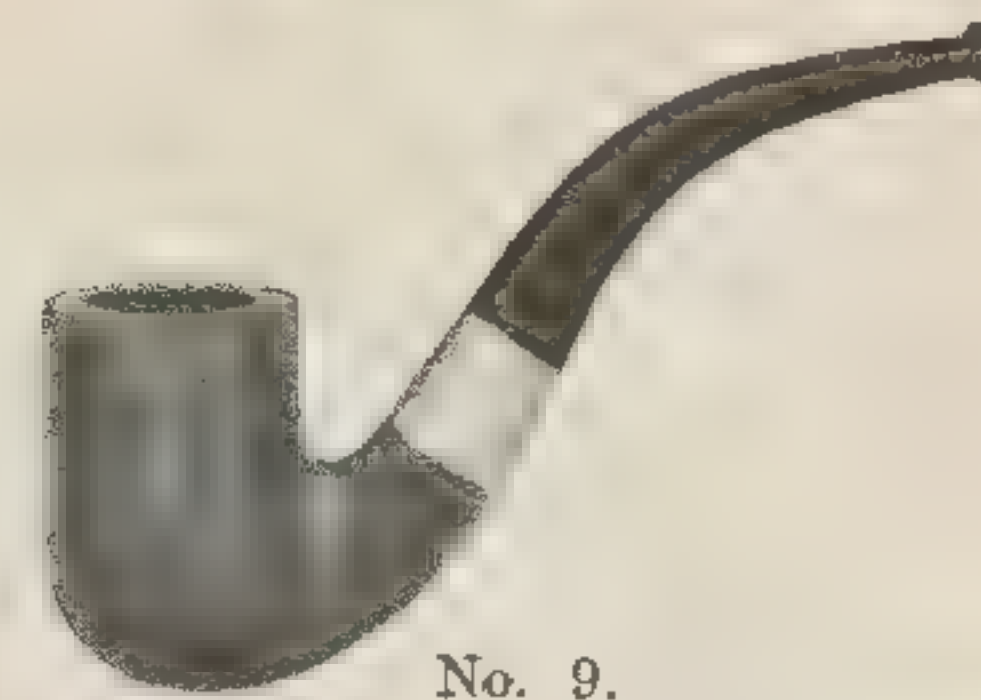
No. 6.



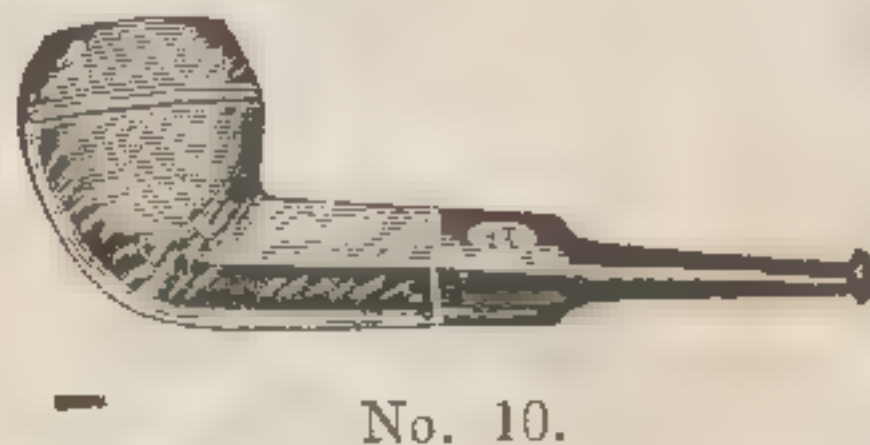
No. 7.



No. 8.



No. 9.



No. 10.



No. 11.



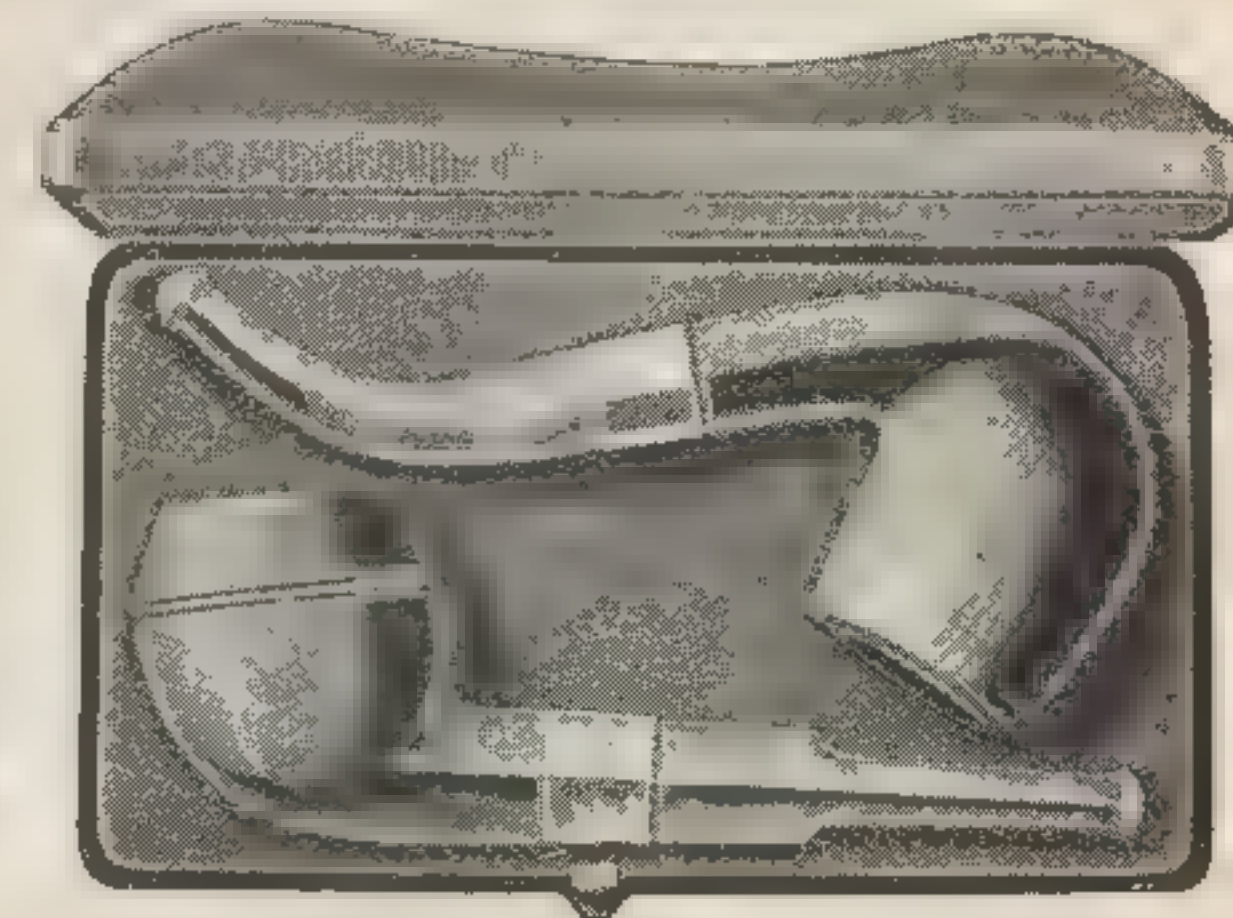
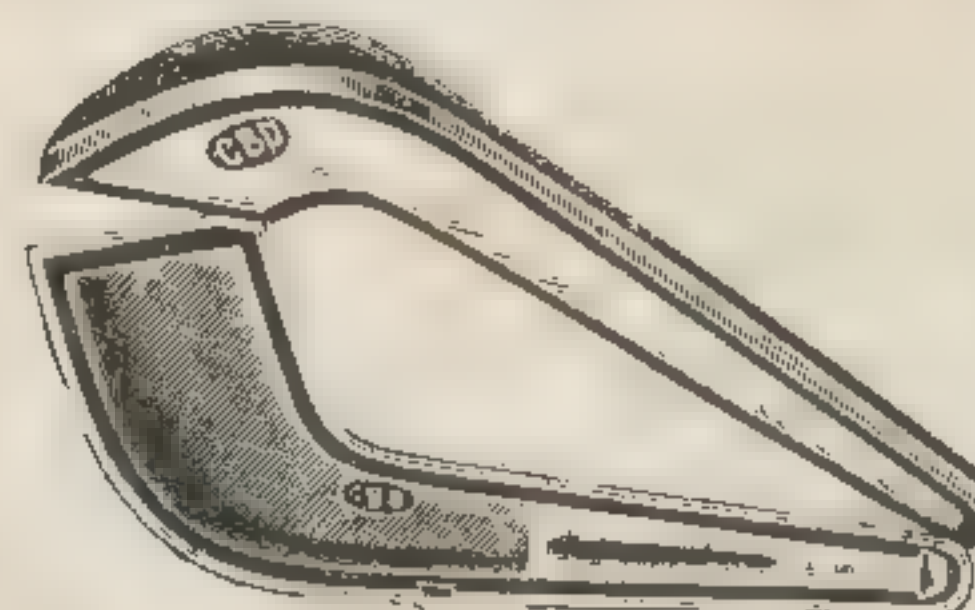
No. 12.



No. 13.



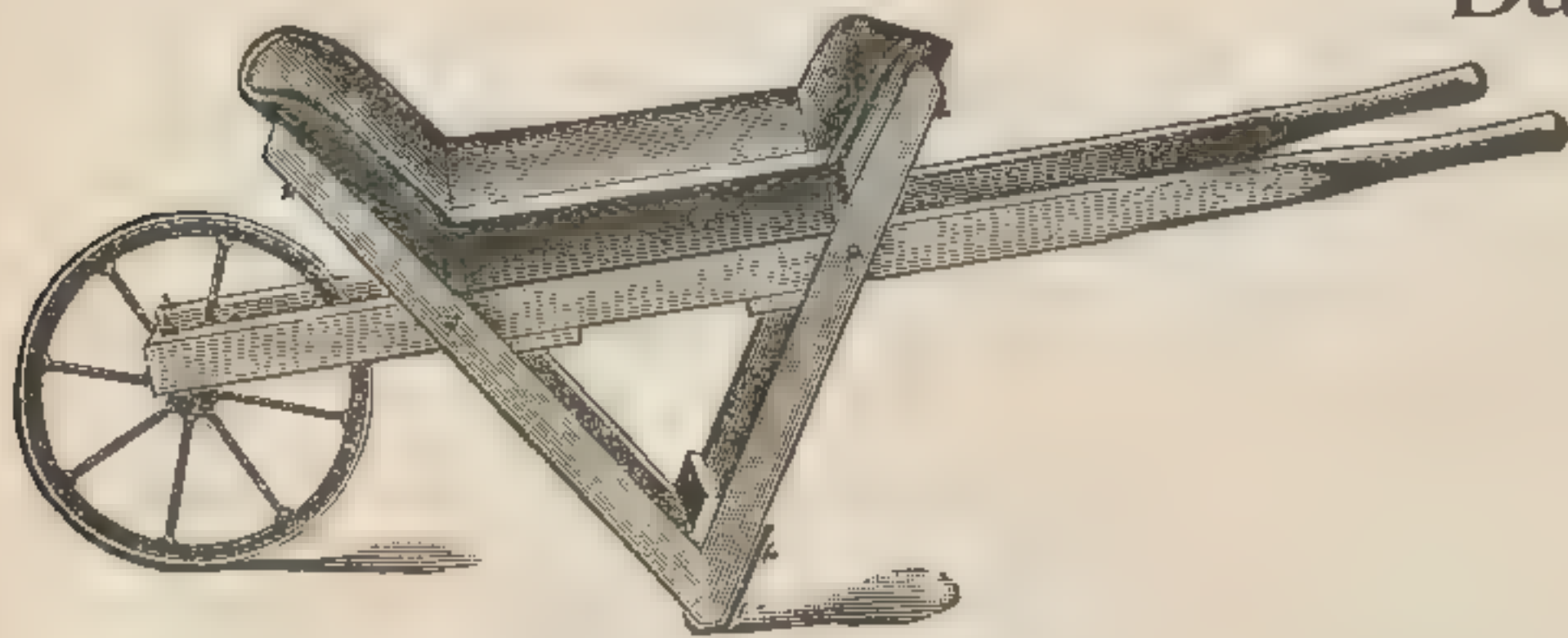
No. 14.



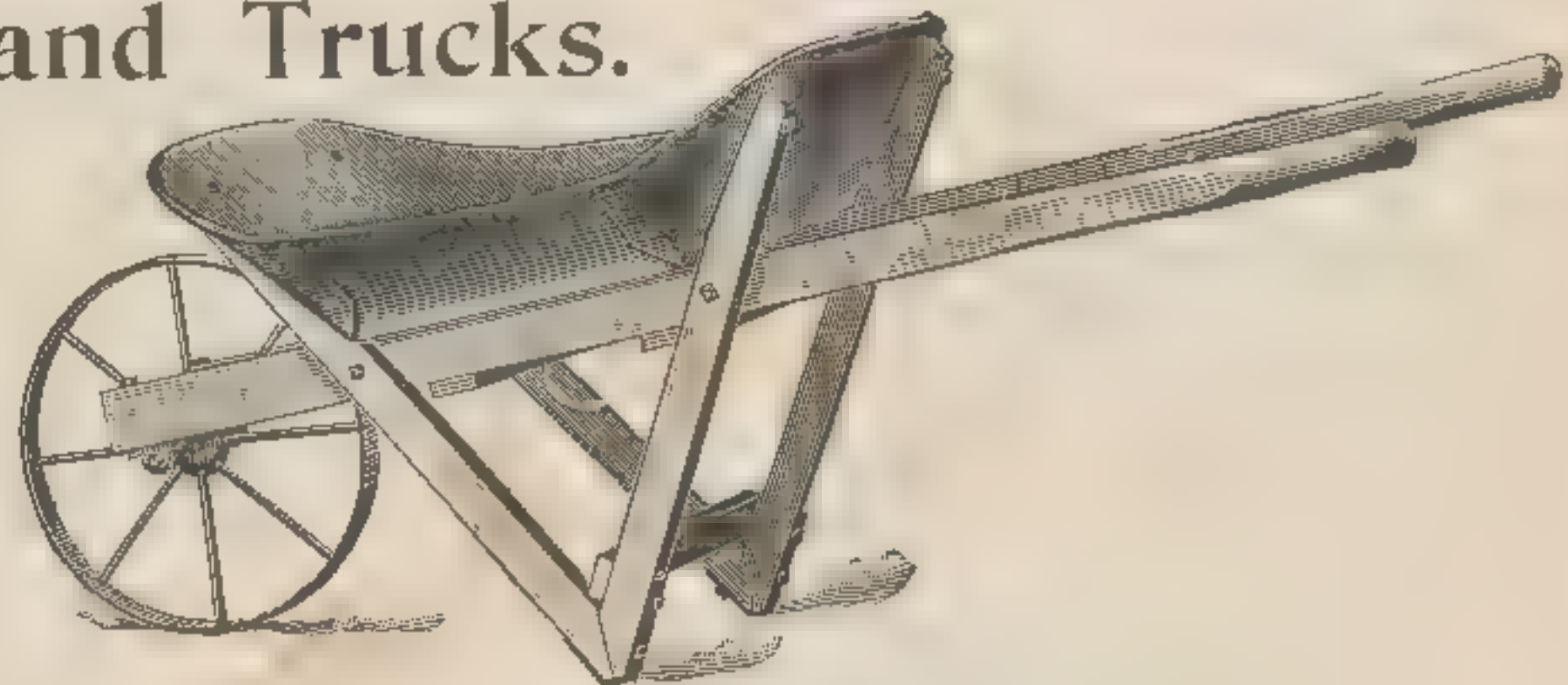
A Large Variety, in cases of 1, 2, 3, or 4.
Suitable for presentation, etc.

MISCELLANEOUS AND GENERAL HARDWARE.

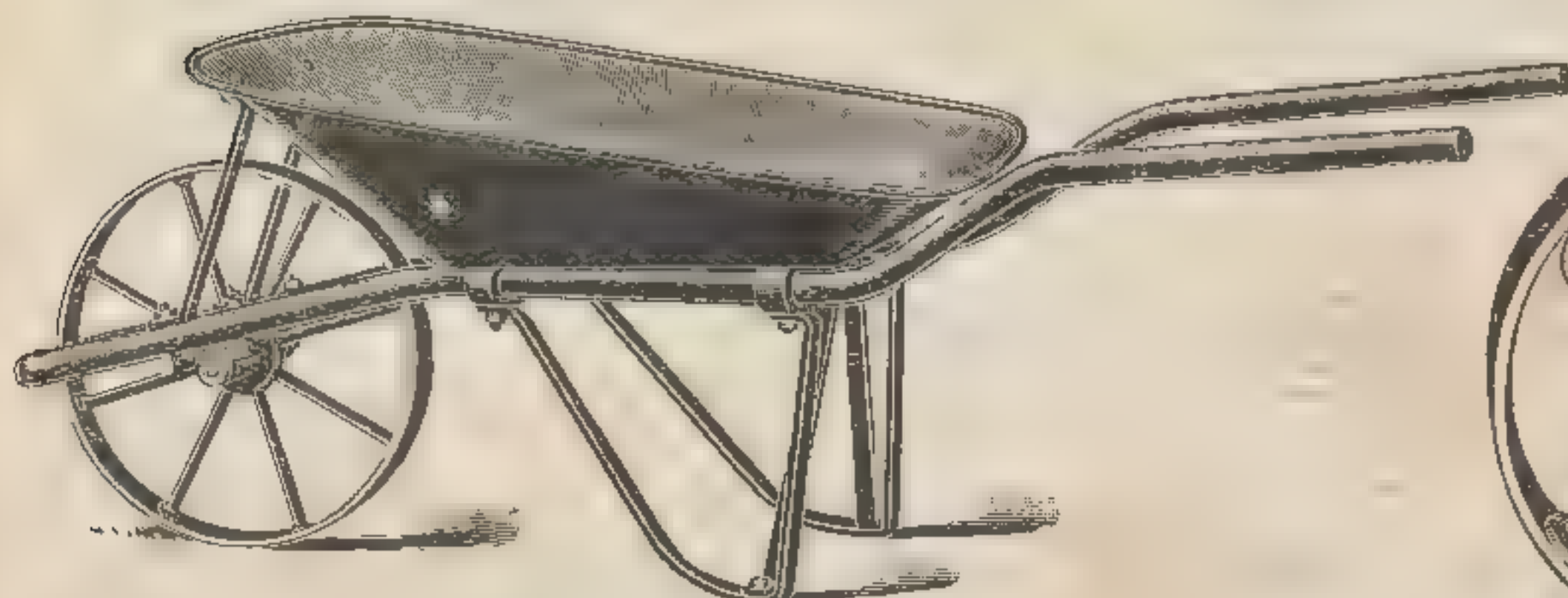
Barrows and Trucks.



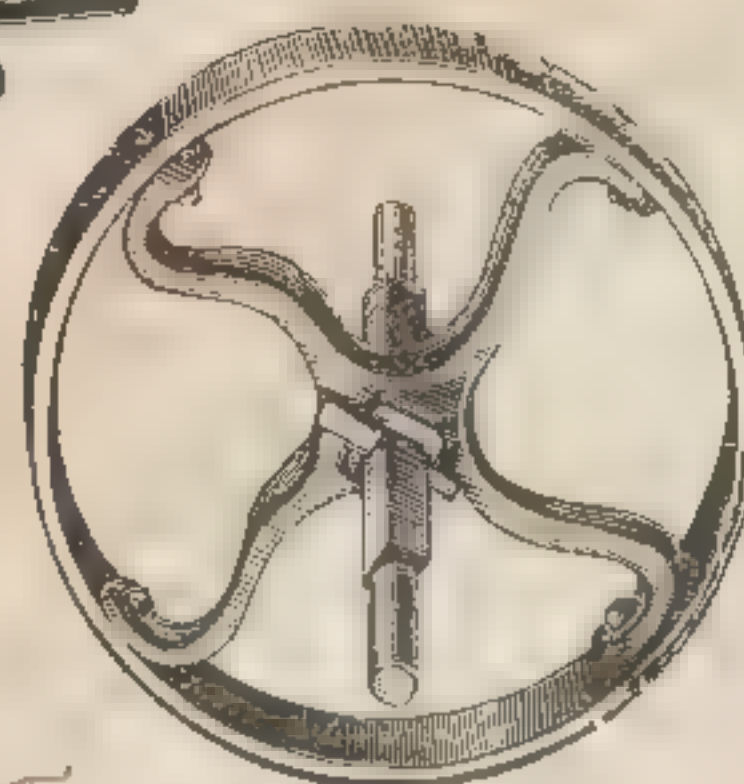
CANAL BARROW. Wood Tray.



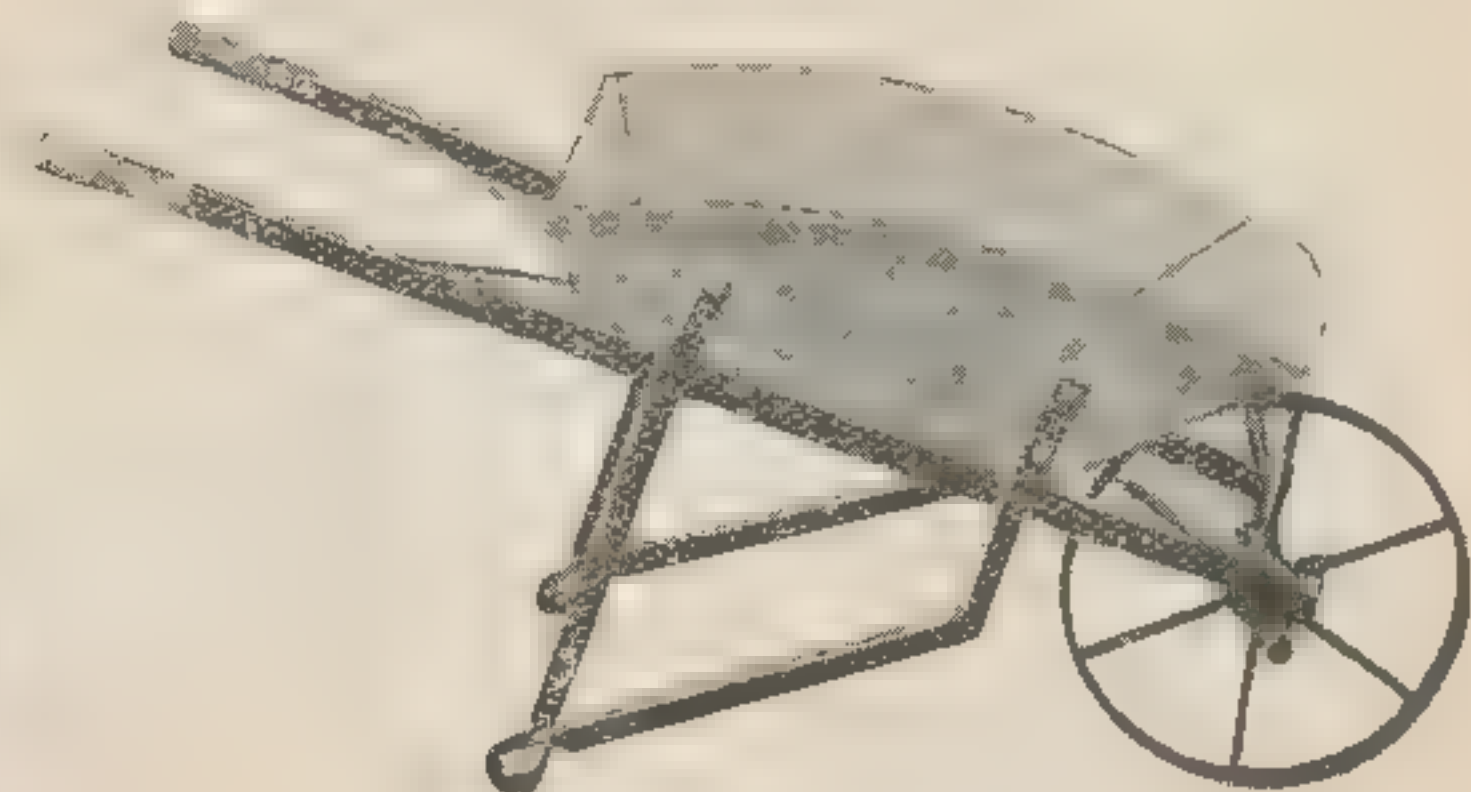
"KLONDYKE" BARROW. Steel Tray.



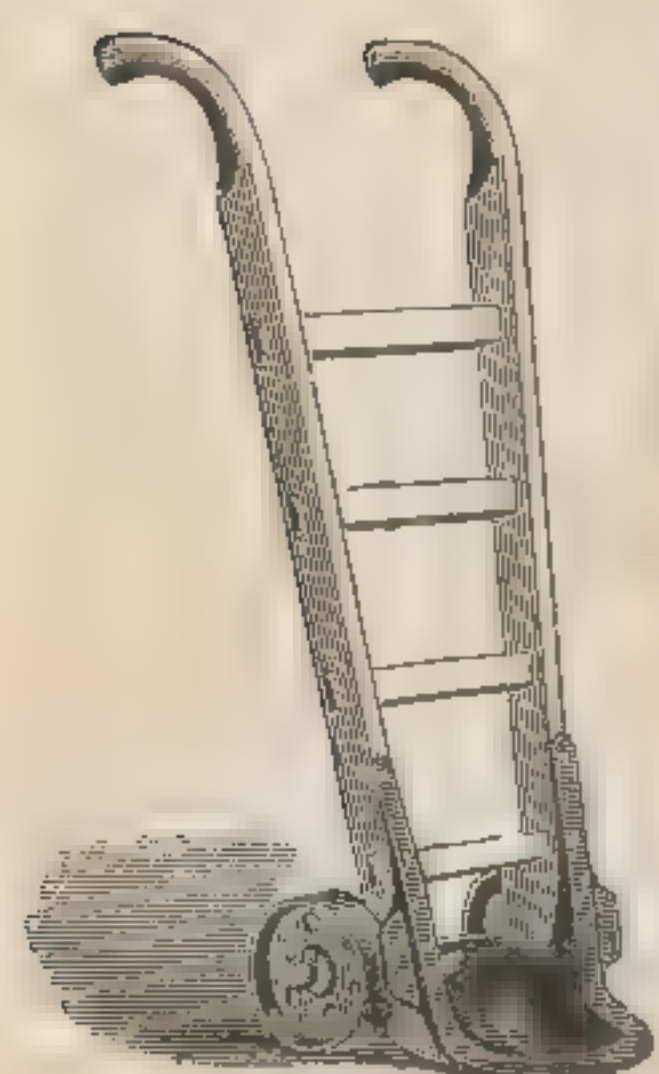
TUBULAR STEEL BARROW.



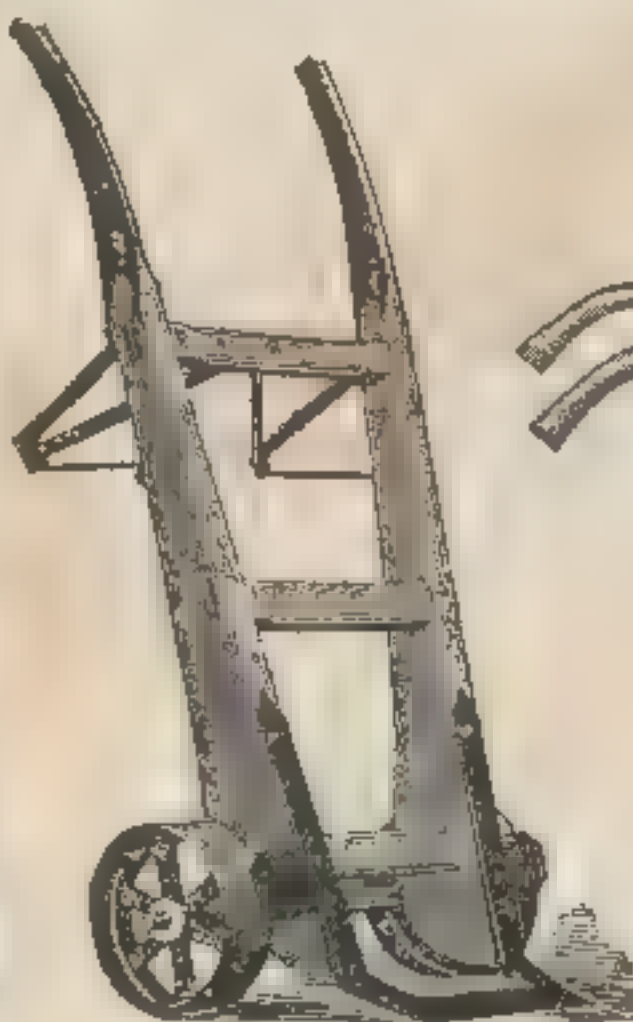
WROUGHT BARROW WHEEL.
Complete, with Mounts,
14, 15, 16, 18 in.



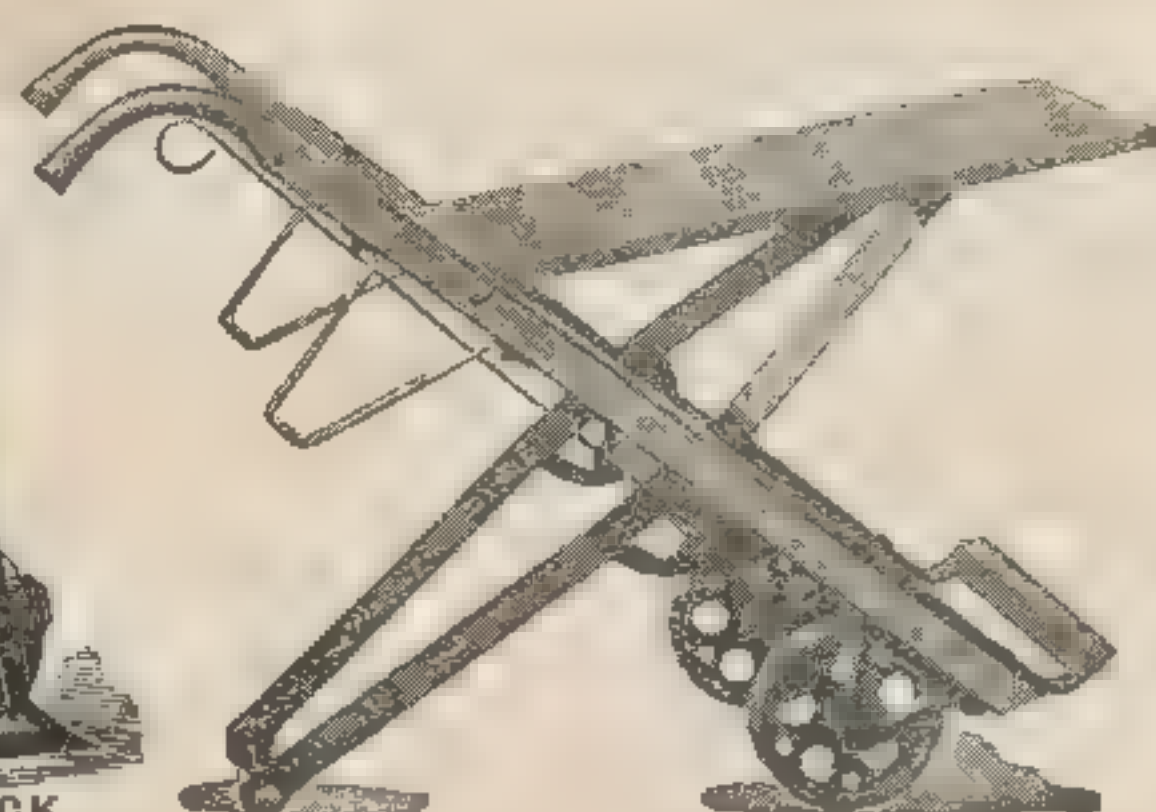
GALVANIZED IRON BARROW.
Beaded or Band Edge.



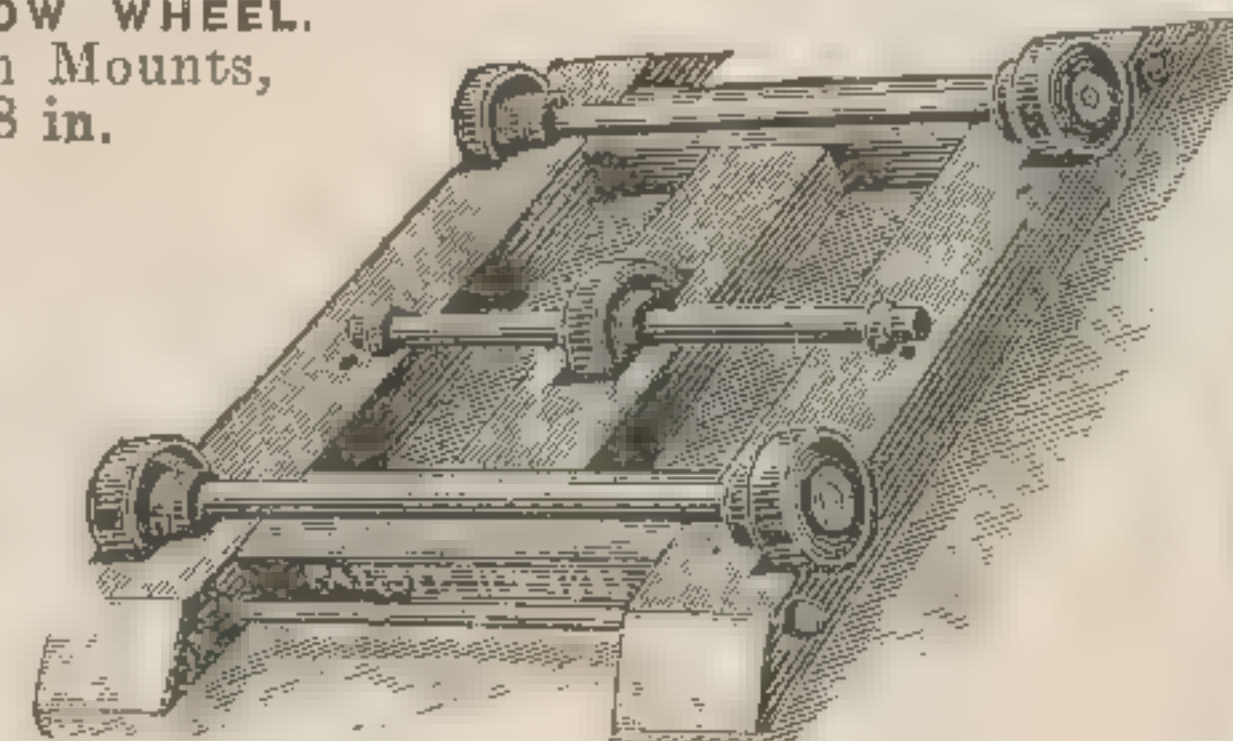
SACK TRUCK.



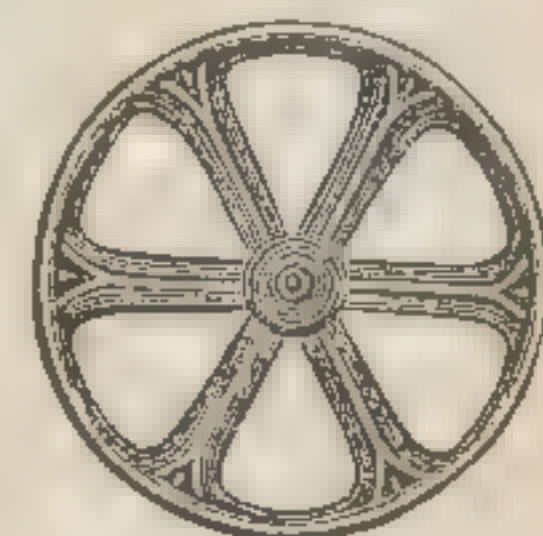
STORE TRUCK.
Nos. 0, 1, 2, 3, 4.



PATENT ELEVATING TRUCK.

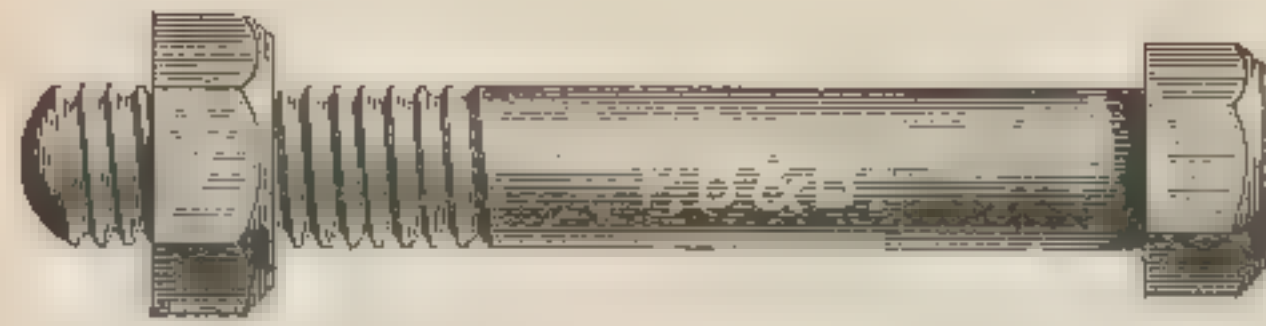


SAMSON 5 WHEEL TRUCK.

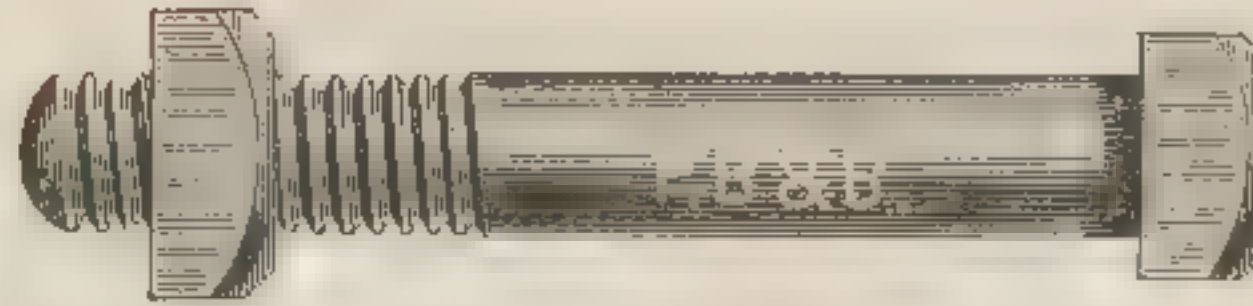


CAST IRON TRUCK WHEELS.
4 to 12 inches.
Axles to order.

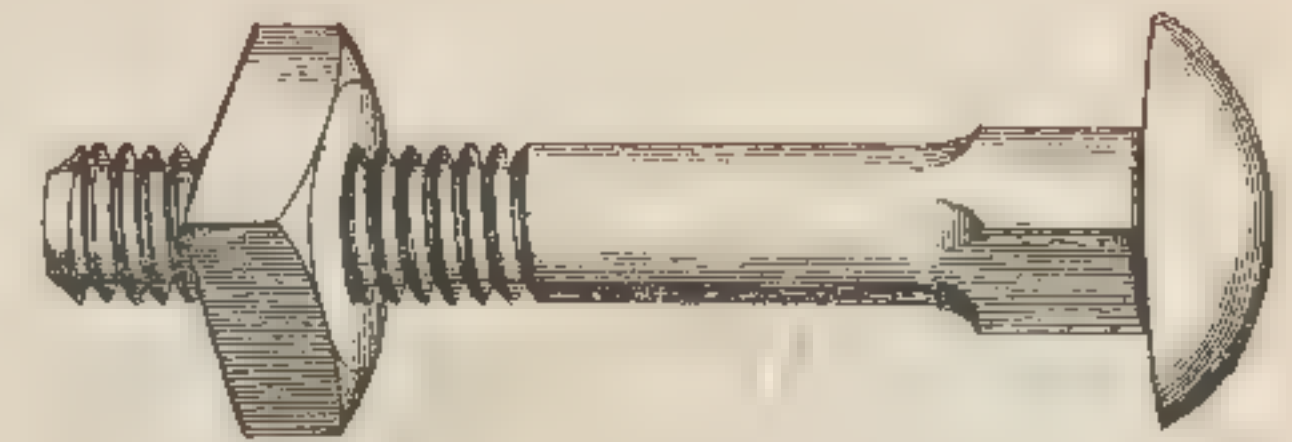
Bolts and Nuts, 'Etc.



HEX. HEAD, ROUND SHOULDER, HEX. NUT.
 $\frac{1}{4}$, 5-16, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch. All lengths.

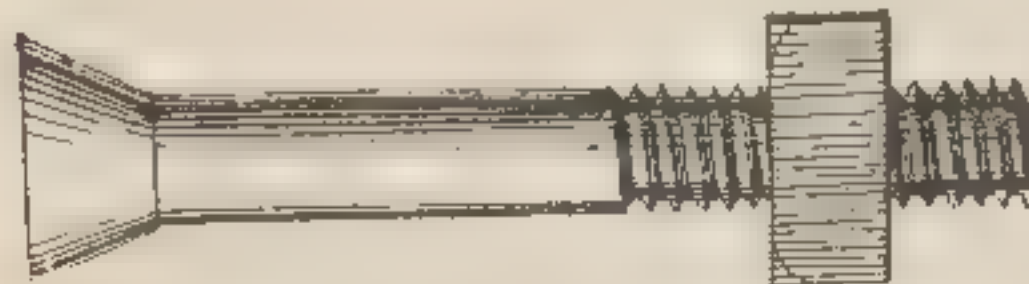


SQUARE HEAD, ROUND SHOULDER, SQUARE NUT.
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch. All lengths.

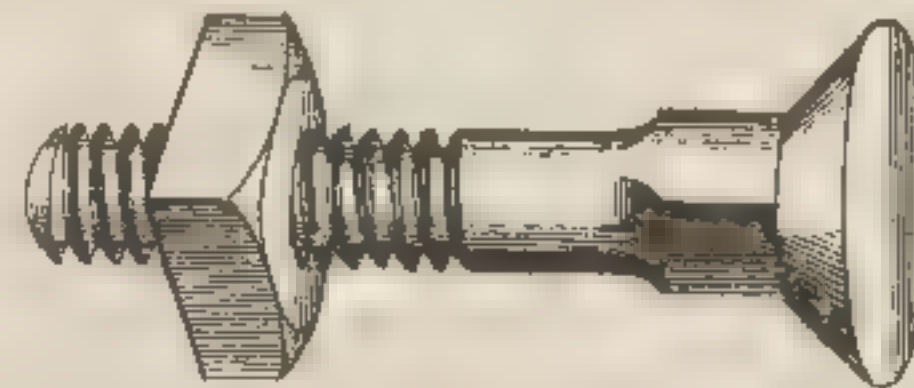


CUP HEAD, SQUARE SHOULDER, SQUARE NUT.
 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch. All lengths.

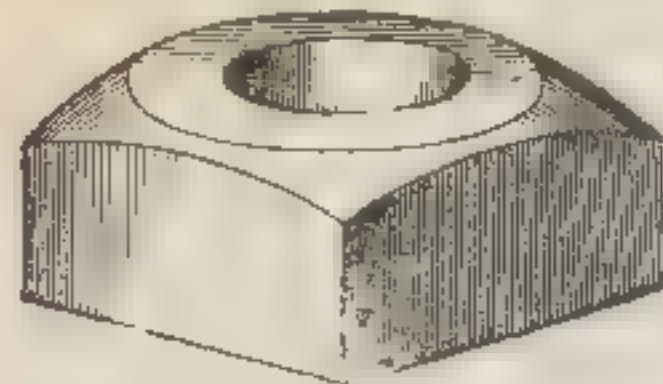
SQUARE BOLT HEADS, $\frac{1}{2}$ to 1 inch. BOLT ENDS WITH HEXAGON OR SQUARE NUTS, $\frac{1}{2}$ to $1\frac{1}{2}$ inch.



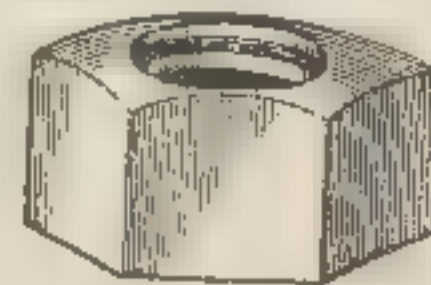
TIRE BOLT.
 3-16, $\frac{1}{4}$, 5-16 inch. All lengths.



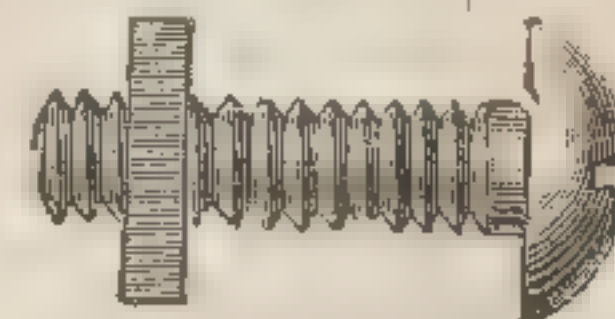
CSK. HEAD, SQUARE SHOULDER, SQUARE NUT, BOLT AND NUT.
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ inch. All lengths.



SQUARE TAPPED NUT.
 3-16 to $1\frac{1}{2}$ inch.



HEXAGON TAPPED NUT.
 $\frac{1}{4}$ to $1\frac{1}{2}$ inch.



GALVANIZED MUSHROOM HEAD BOLT AND NUT.
 $\frac{1}{2}$ to $1\frac{1}{2}$ x 7-32, 9-32 in.



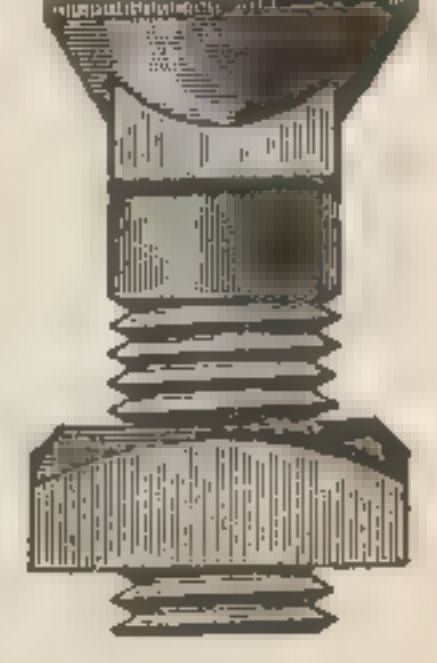
No. 4.



No. 2.

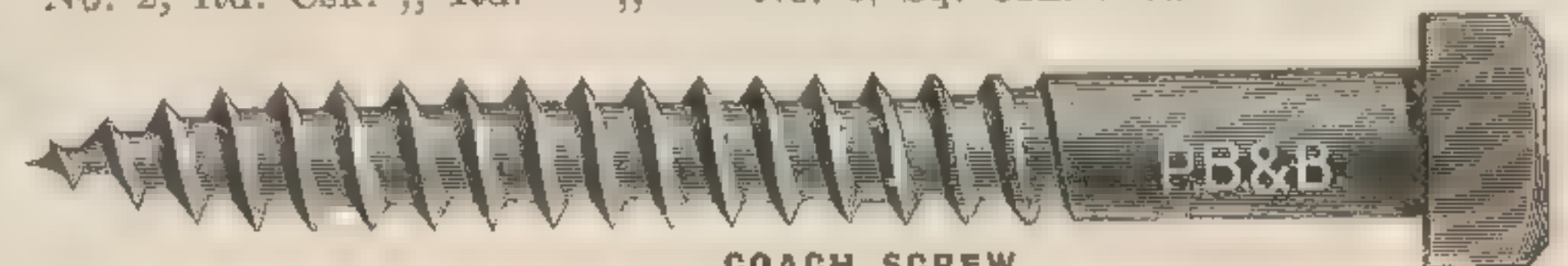


No. 1.



No. 3.

PLOUGH BOLTS AND NUTS. 1 to 2 x $\frac{3}{8}$ and $\frac{1}{2}$ inch.
 No. 1, Key Head, Rd. Shoulder. No. 3, Rd. Csk. Head, Sq. Shoulder.
 No. 2, Rd. Csk. ,, Rd. ,, No. 4, Sq. Csk. Head.



COACH SCREW.
 $\frac{1}{4}$, 5-16, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch. All lengths.



WASHER.
 Black Iron, $\frac{1}{4}$ to 2 inch.
 Galvanized Iron, 3-16 to $\frac{3}{8}$ in.

ANCHORS, BLACK AND GALVANIZED,
 7 lb. up.

BABBIT'S METAL.

BAGS—BRAN, WHEAT, ORE, 23 x 15,
 27 x 19 inch.

BLACK, LAMP. COMPRESSED.

BLUE STONE. BATH BRICKS.

BUNTING, ALL COLORS.

CEMENT.

CHALK.

CANDLE COTTON. Coarse and Oxford. $\frac{1}{4}$

$\frac{1}{2}$ lb. balls.

COTTONWASTE. White, Grey and
 Colored.

CROW BARS.

EARS. Kettle, Nos. A, B,
 C, 0, 1 2, 3, 4, 5, 6.

FLAGS, ENSIGNS, UNION JACKS, CODES,
 etc. All sizes.

FURNITURE, COFFIN. Common, Registered
 and Nickel-plated. Infants',
 Child's, Youths', Adults'.

GREASE. Bidwell's Axle. In tins. 3
 doz. cases.

Anchor Axle. In 28, 56, 112 lb. kegs.

GOGGLES. All wire, and with glass
 centres.

HANDCUFFS.

HANDSPIKES.

HOOKS. Boat.

Galvanized Clip.

INSERTION. India Rubber. 1-32,
 1-16, $\frac{1}{8}$, 3 32, $\frac{1}{4}$ inch.

KNOBS. Pot. Assorted

LASHING. In Balls and Coils

MARLIN SPIKES.

MILLBOARD. Asbestos. 1-16, $\frac{1}{4}$ 3-16 $\frac{1}{2}$

inch.

MUNTZ METAL SHEATHING. All weights.

OARS. 6 to 20 feet.

OAKUM. Navy. Best Navy.

PACKING. Genuine Tucks. Round. $\frac{3}{4}$
 to 1 in. Imitation Tucks. Round
 and Square.

$\frac{3}{8}$ to 1 inch.

Round Asbestos, plaited. $\frac{3}{8}$ to 1 in.

Hemp. X.C.B., I.T.F. $\frac{1}{4}$, $\frac{5}{8}$ in

PAPER, BROWN.

PROTECTORS—BLAKEY'S BOOT, MEN'S
WOMEN'S, CHILDREN'S.

QUICKSILVER.

SCULLS.

WINGS, PLOUGH, 12, 14, 16 inch square
 x $\frac{1}{4}$ inch.

WOOLPACKS.

Blocks Etc., Hose.



DIFFERENTIAL PULLEY.

With 40 ft. Chain.
5, 10, 15, 20, 30, 40,
60 cwt.



WOOD BLOCKS, IRON SHEAVES.
Single, Double and Treble.
2 to 8 inch.

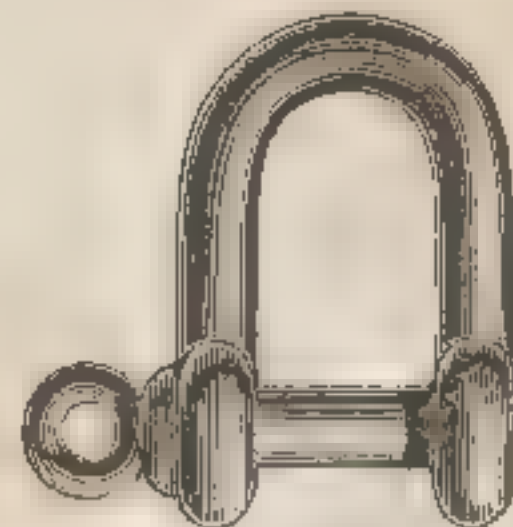


SNATCH BLOCK.
5 to 9 inch.



6in. BLOCK.

IRON BLOCKS.
Single, Double, and Treble.
2½ to 12 inch.
Extra Sheaves for Blocks.



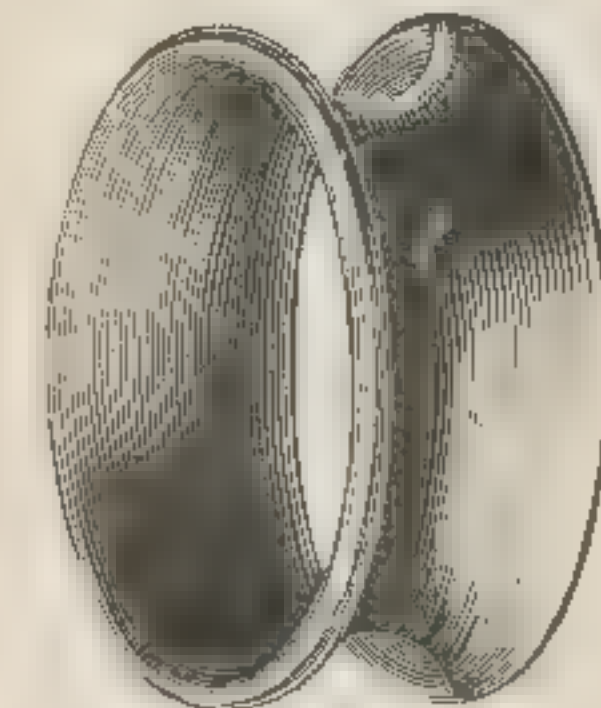
D SCREW SHACKLE.
Black or Galvanized.
¾, 1, 1½, 2 in.



CLIP OR SISTER HOOK.
1½ to 4 in.



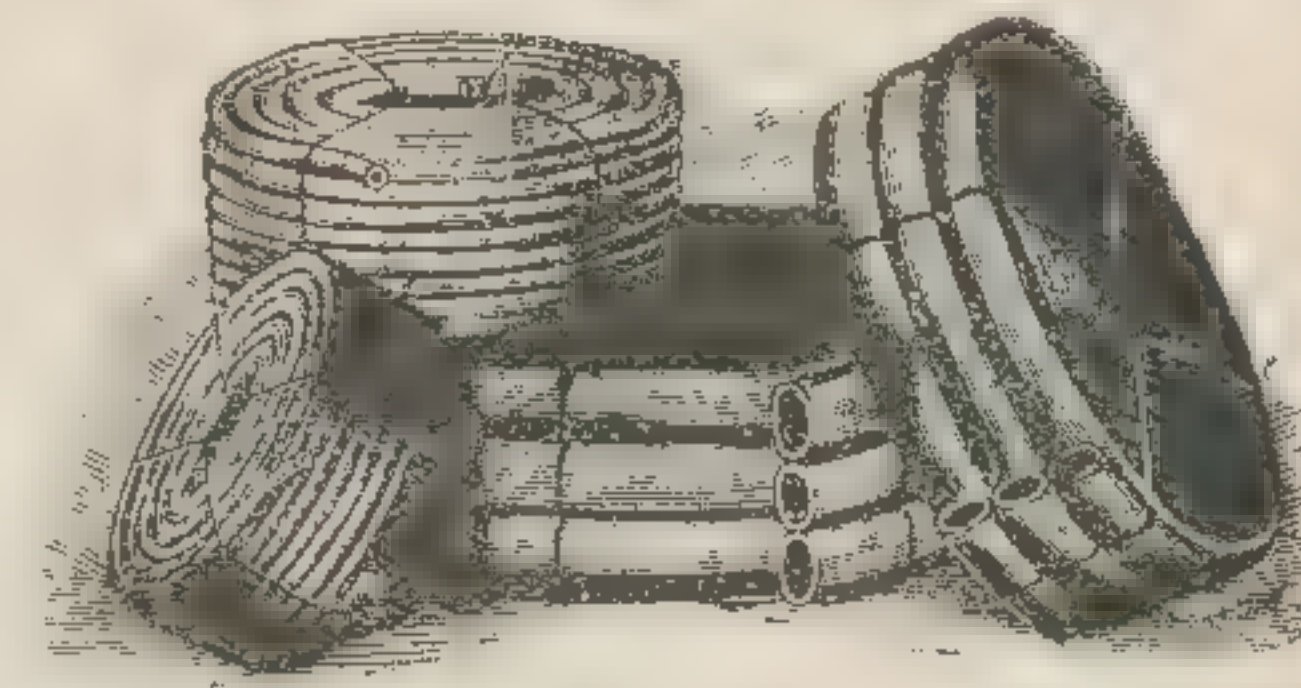
HEART THIMBLE.
Galvanized. All Sizes.
1 to 5 inch.



ROUND THIMBLE.
Galvanized. All Sizes.
1 to 5 inch.



WIRE TUBE BRUSH.
2 to 4 inch.



HOSE, — 1 to 3 inch.

ROWLOCKS—Galvanized, 5 16 to ¾ inch.

RUDDER GEAR MOUNTS—Galvanized, in Sets.

SPELTER.

STUDS, ENGINEERS', All Sizes.

SAW SPINDLES. 1, 1½, 1¾, 2, 2½.

PLUMMER BLOCKS, All Sizes.

KLINGENT HIGH PRESSURE JOINTING.

LUBRICATORS. Glass Needle.

Brass Syphon.

„ Sight Feed.

CANVAS.

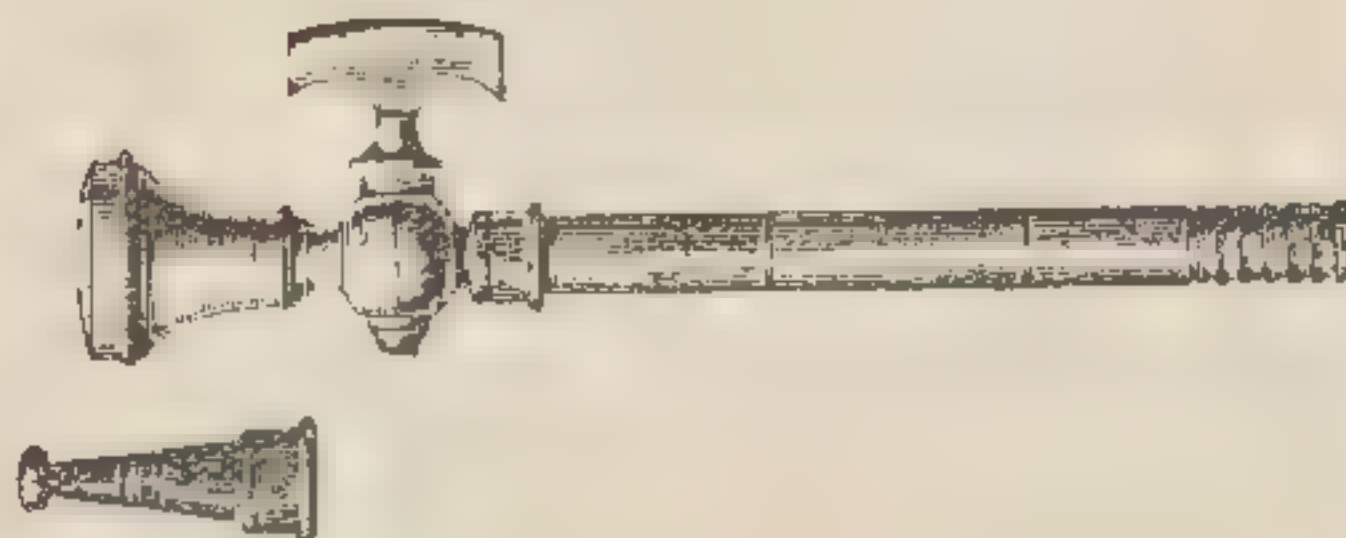
RUBBER. North British and other makers in all qualities.

Garden, Delivery, Suction, Armoured, Steam, Air, Eureka, Im. Eureka.

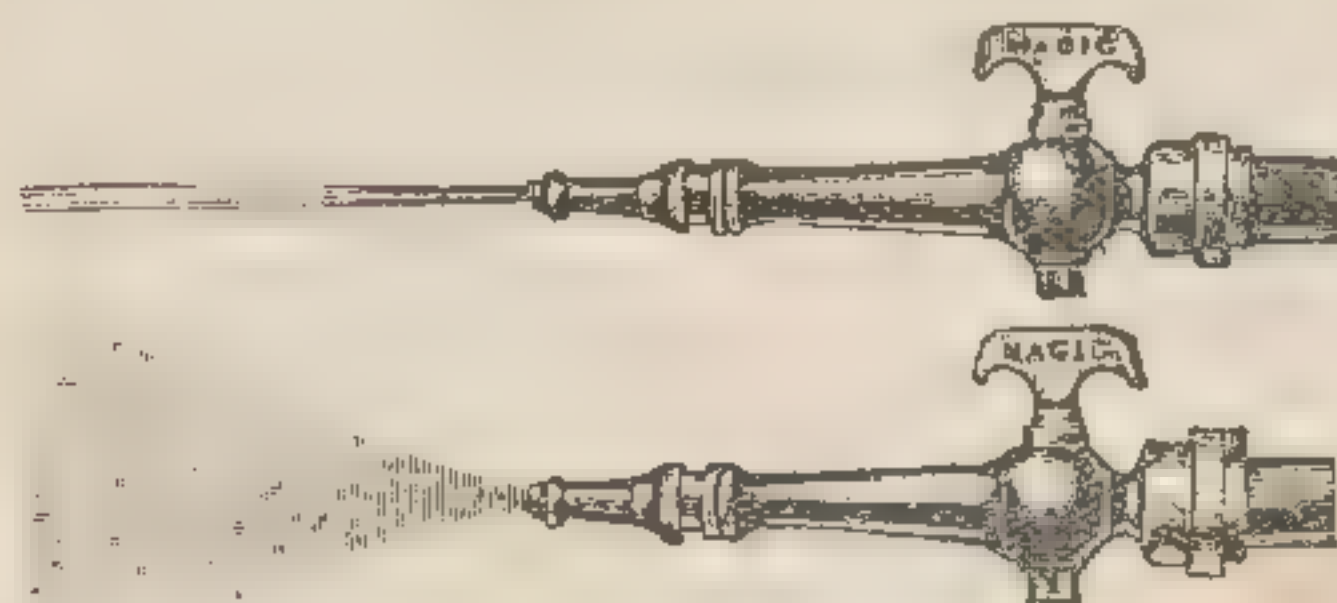
Hose Fittings and Syringes.



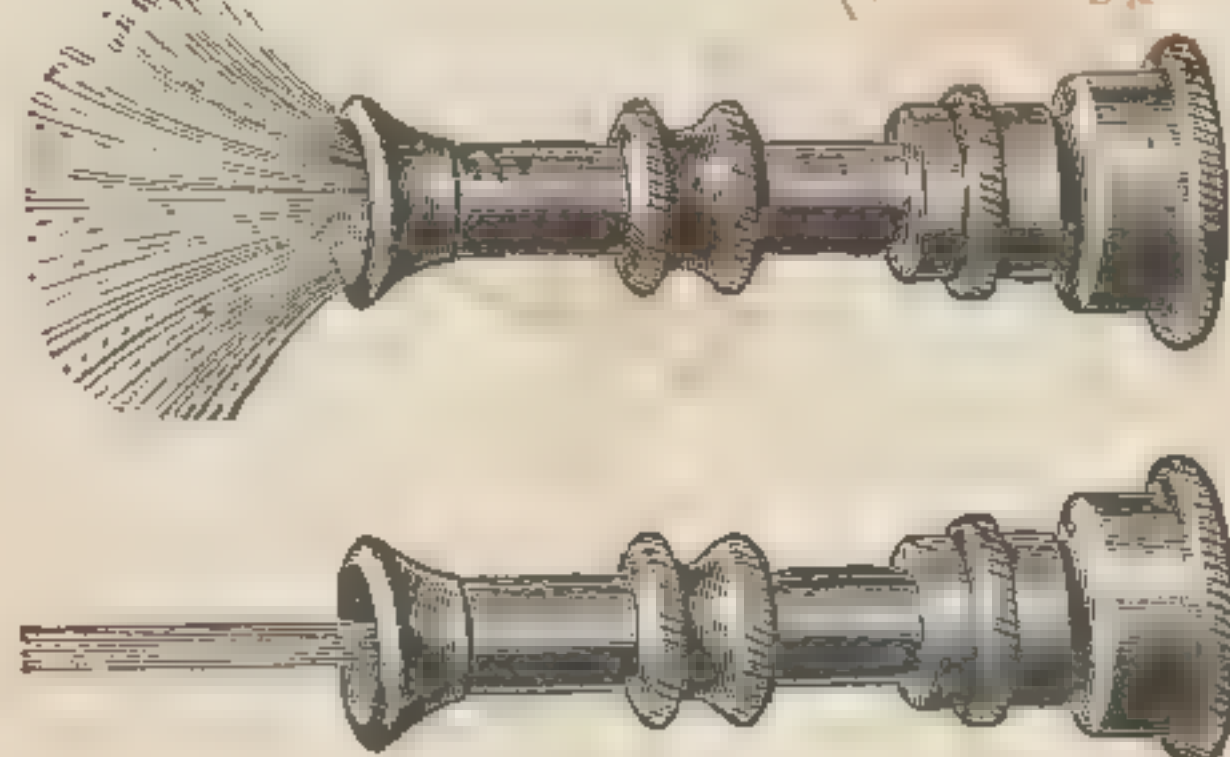
ROSE AND JET DIRECTOR.
Also, JET only.



COCK, ROSE, AND JET DIRECTOR.
Various qualities.



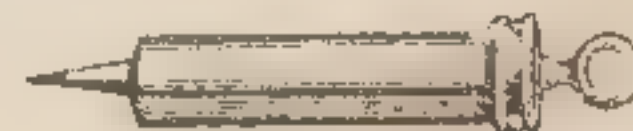
IMPROVED "MAGIC" DIRECTOR.



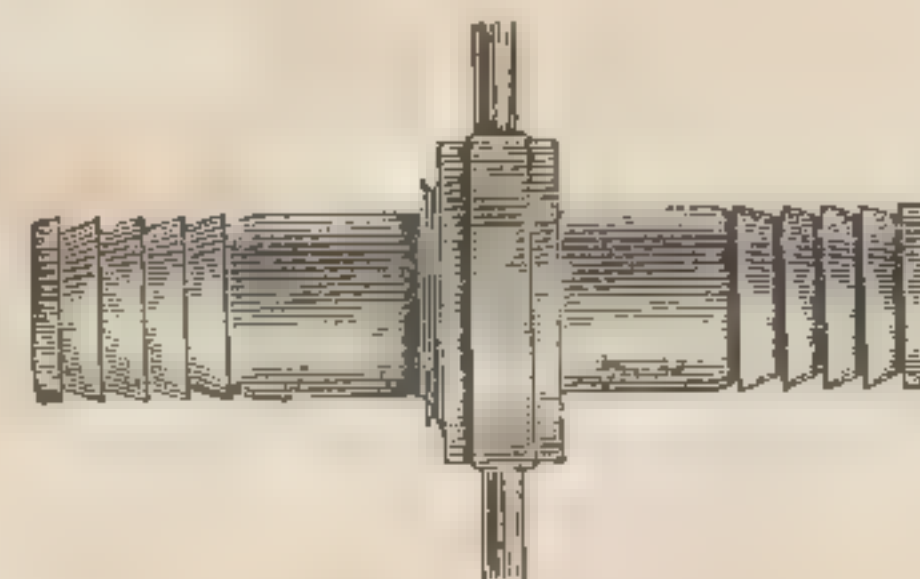
GENUINE GEM DIRECTOR.
IMITATION DO.



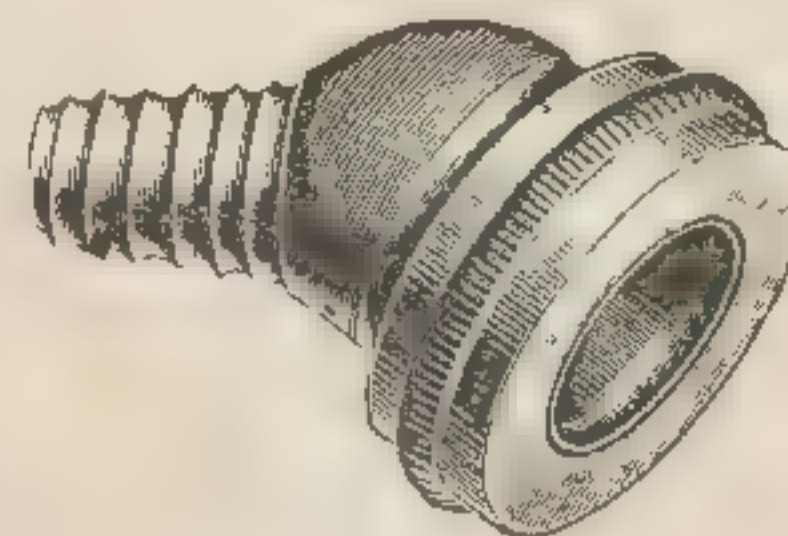
BRASS FERN
SYRINGE.
14 x 1 in.



PEWTER SYRINGE,
4, 5, 6-in.



HOSE UNION OR CONNECTION.



ROYLE'S UNION.
HOSE FITTINGS STOCKED IN ALL SIZES.



BRASS ROSE AND JET SYRINGE. 14, 16, 18 in. x 1 1/4; 16, 18 x 1 1/2.



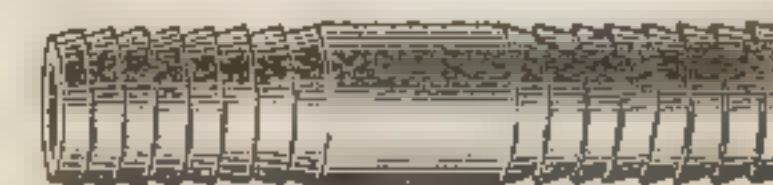
BRASS 2 ROSE AND JET DIRECTOR. 16, 18 x 1 1/2; 16, 18 x 1 3/4.



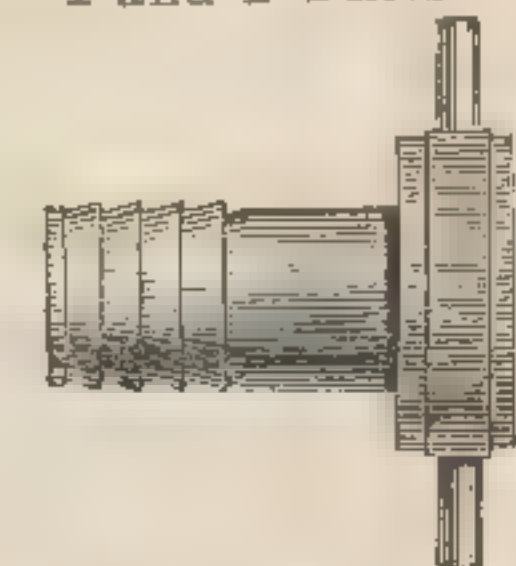
ZINC SYRINGE. 18 x 1 1/4.



PEWTER CATTLE SYRINGE. 1 and 2 Pints.



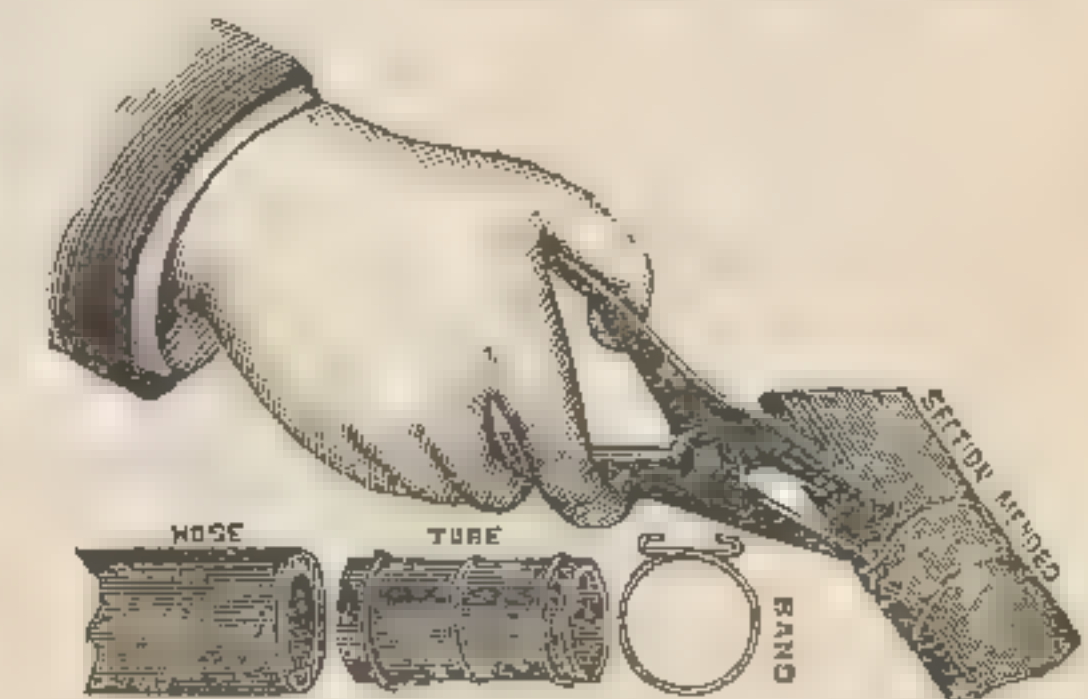
BRASS HOSE
MENDER OR
FERRULE.



HOSE CAP AND LINING.

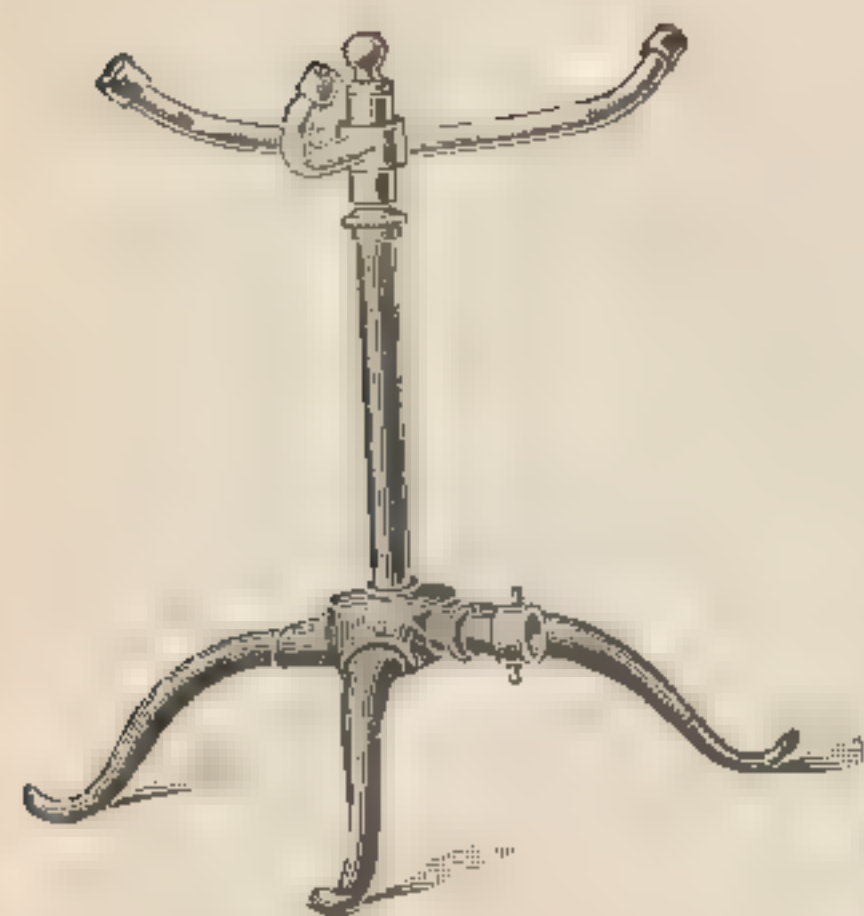


GALVANIZED IRON OR BRASS
HOSE CLAMP OR BAND.

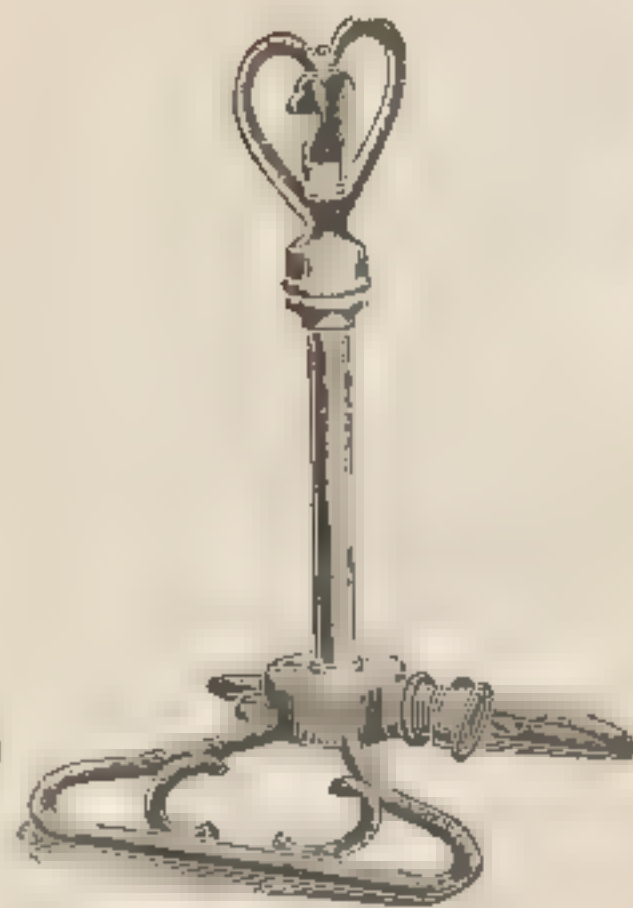


SIMPLEX HOSE MENDER
AND PLIERS.

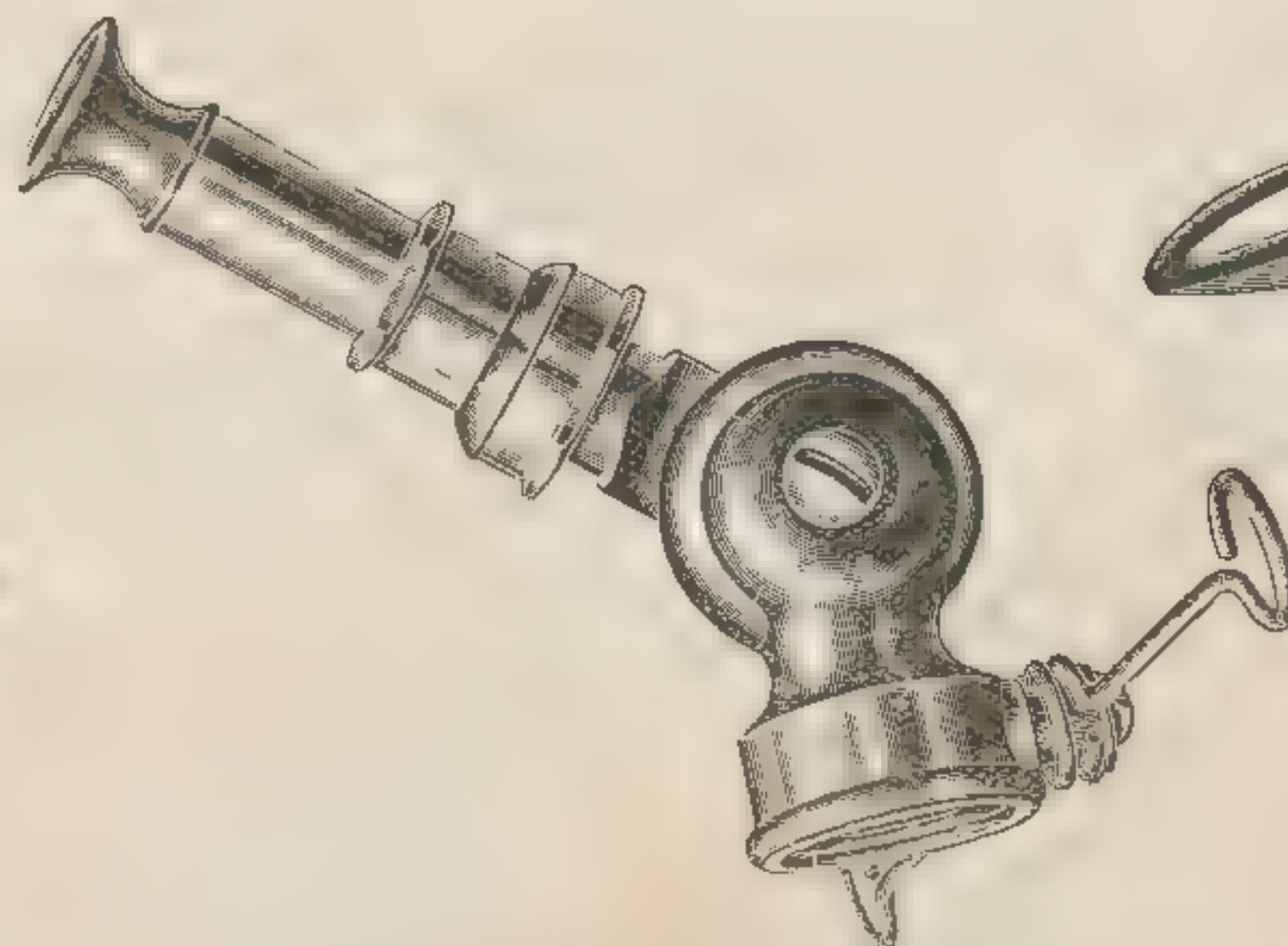
Lawn Sprinklers and Hose Reels.



"SUNSHINE" LAWN SPRINKLER.



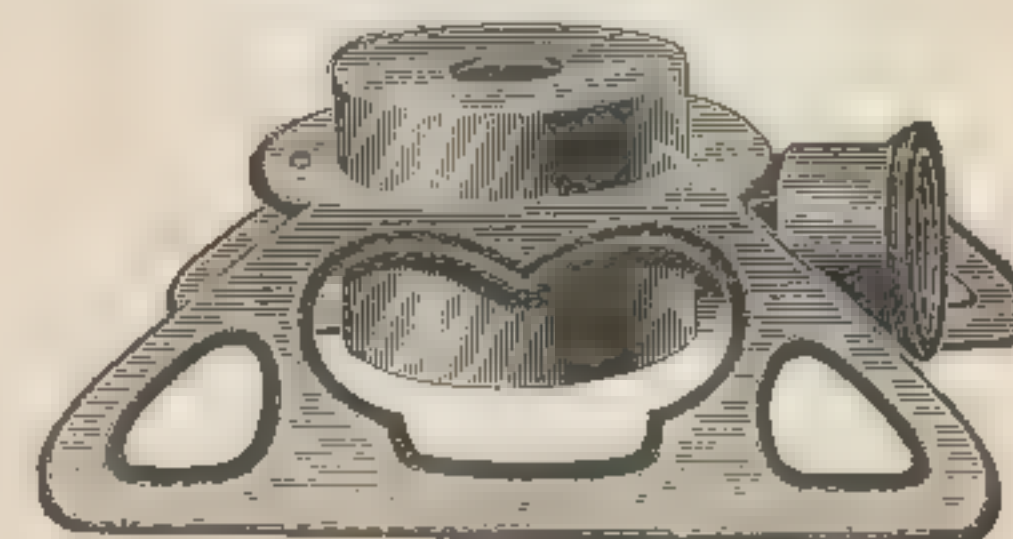
GARDEN CITY
LAWN SPRINKLER.



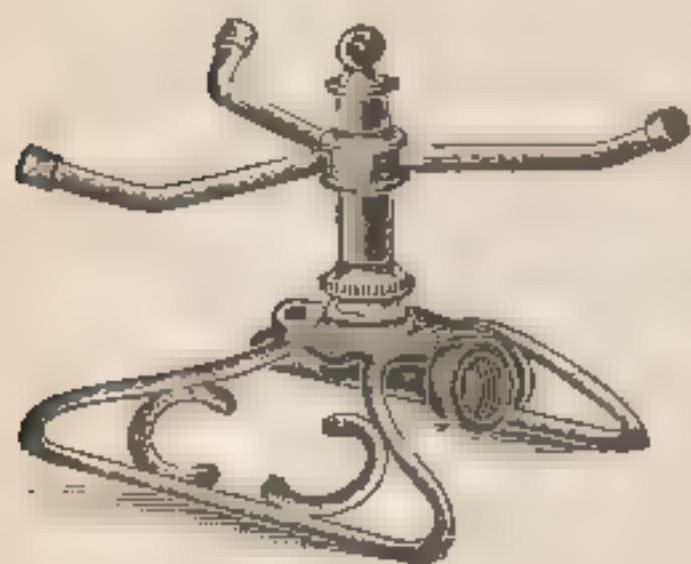
COMBINATION ADJUSTABLE DIRECTOR
AND SPRINKLER.



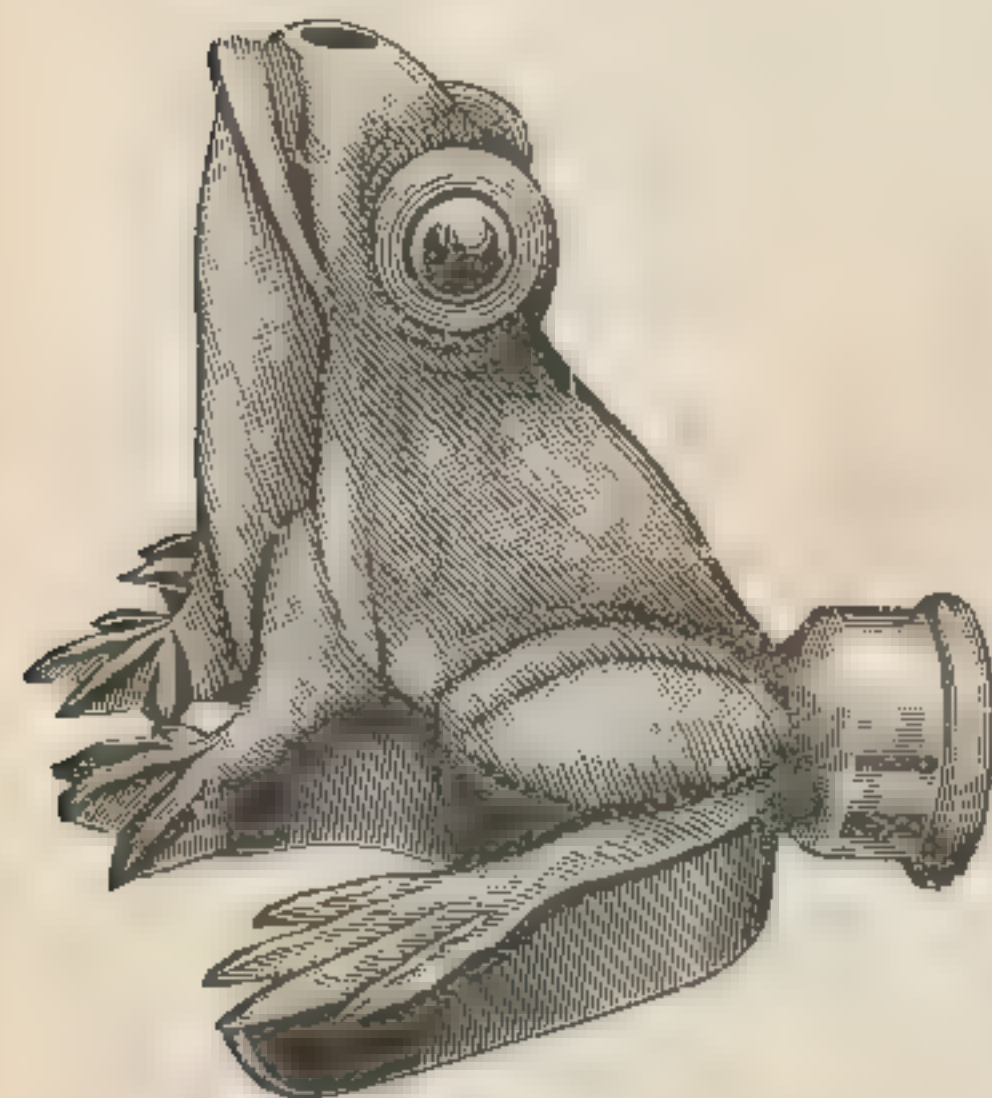
THE "GIANT."



EVANSTON.



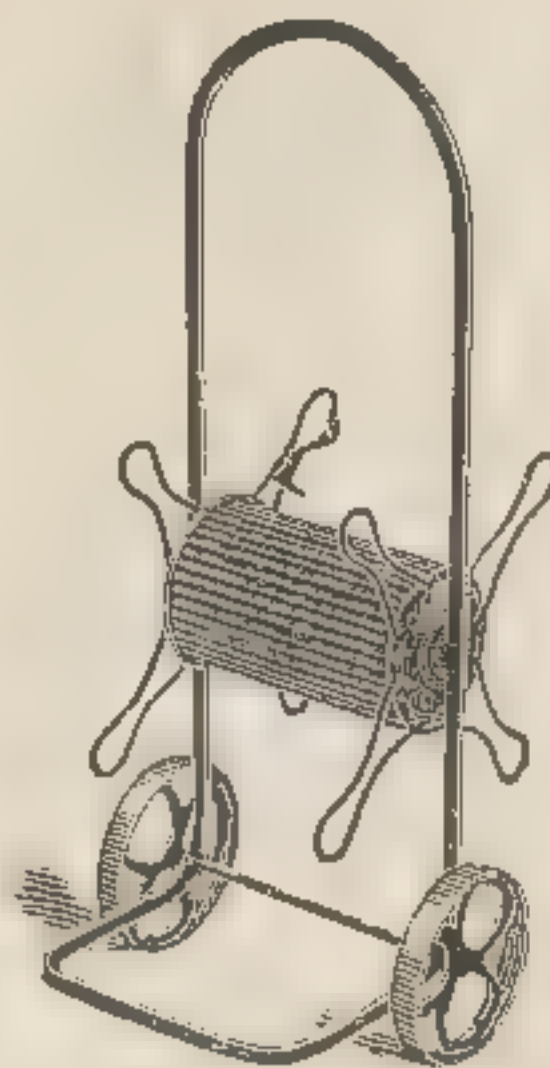
PRESTON.



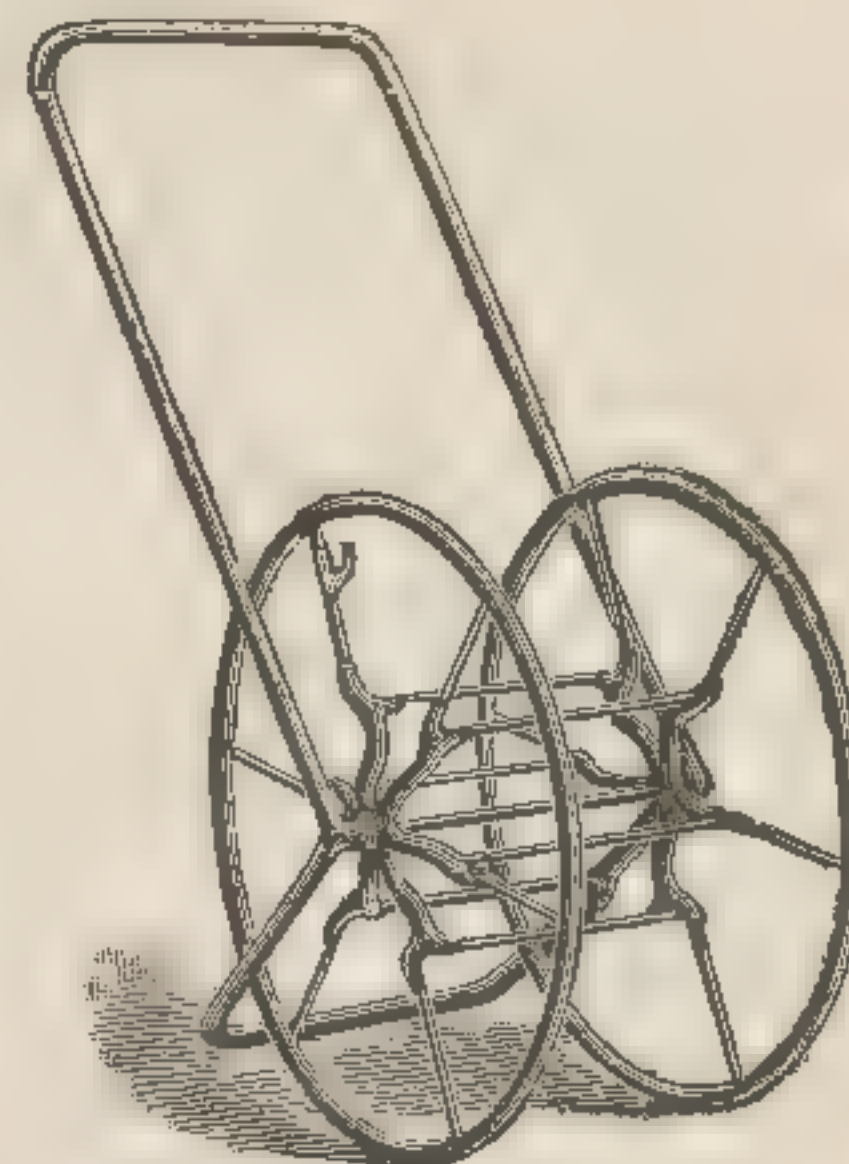
FROG SPRINKLER.



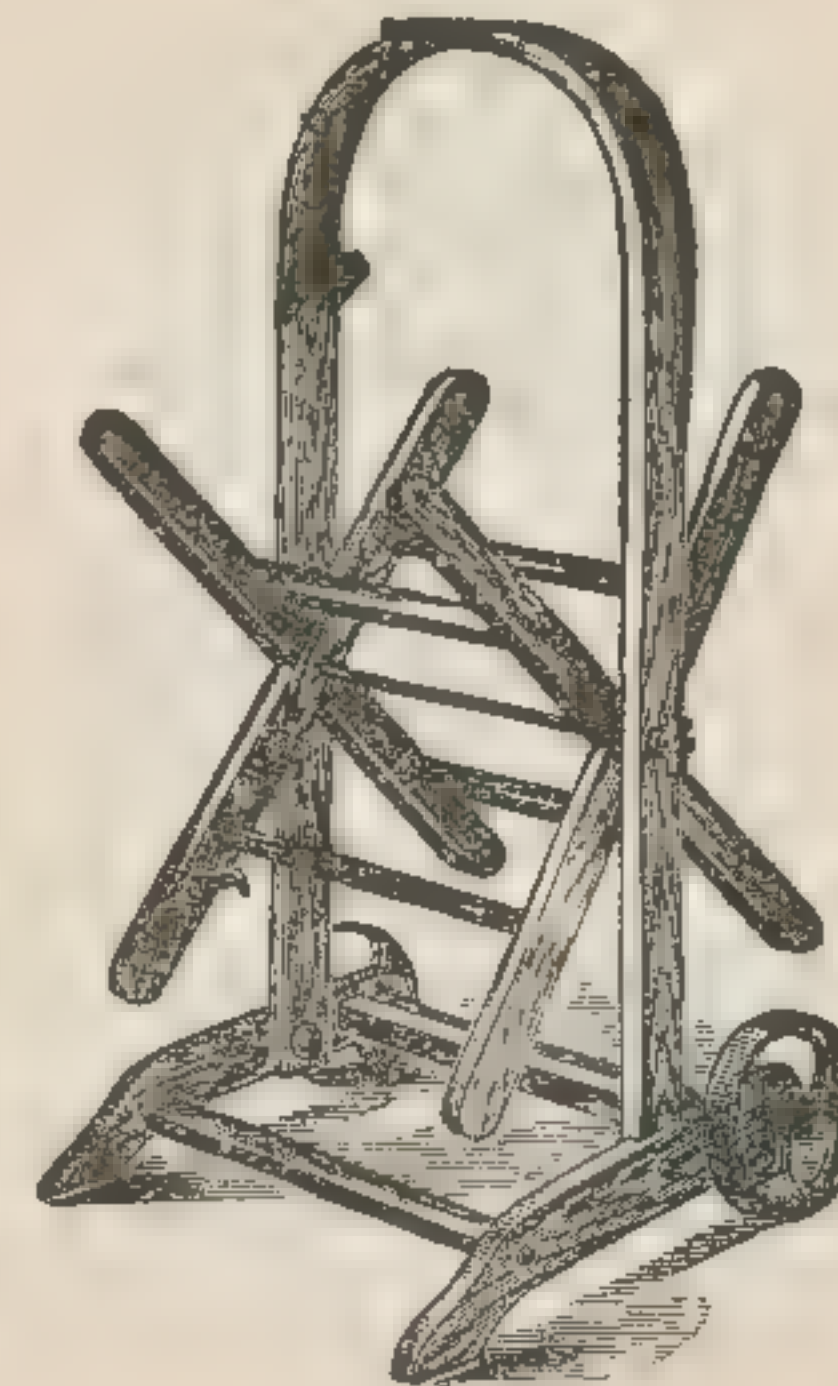
NEPTUNE
HOSE HOLDER.



TOLEDO HOSE REEL.



TUBULAR IRON HOSE REEL.



WOODEN HOSE REEL.

Bells, Chains, Gauges, Etc.

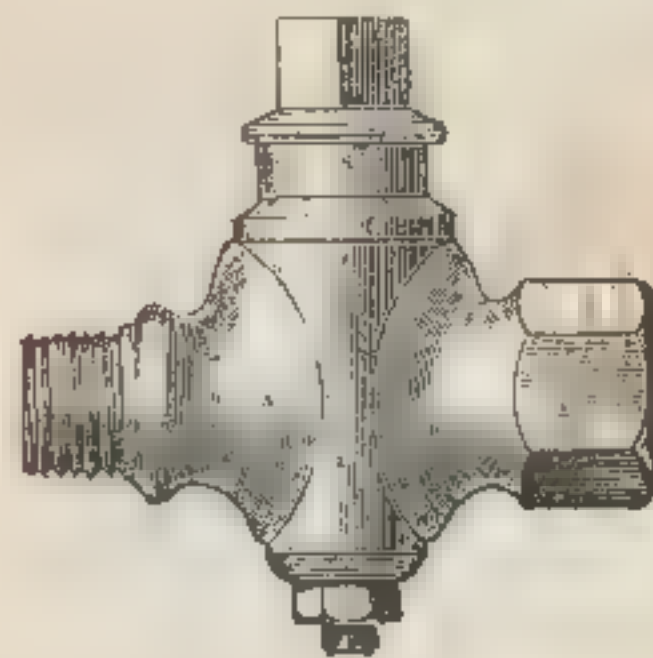


KENTUCKY BELL,
Nos. 0, 1, 2, 3, 4,
5, 6, 7.

CONDAMINE BELLS.
1 to 6 lbs.



STEAM WHEEL VALVE
(Female ends), $\frac{1}{4}$ to 3 in.



STEAM COCK,
M. and F. Ends.
 $\frac{1}{4}$ to 2 inch.



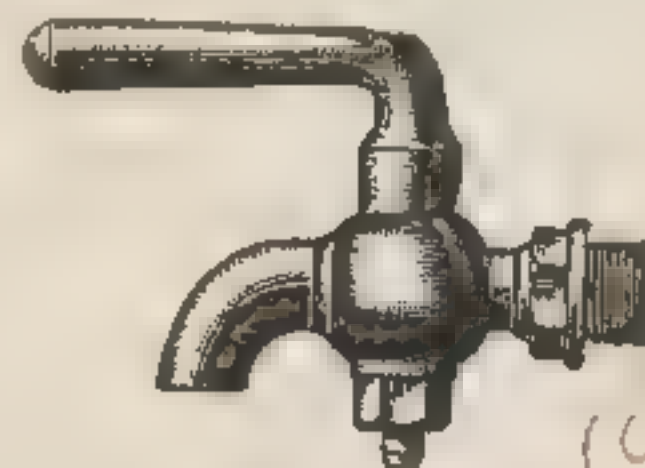
TEXAS BELL.
Nos. 00, 0, 1, 2, 3, 4,
5, 6, 7, 8.



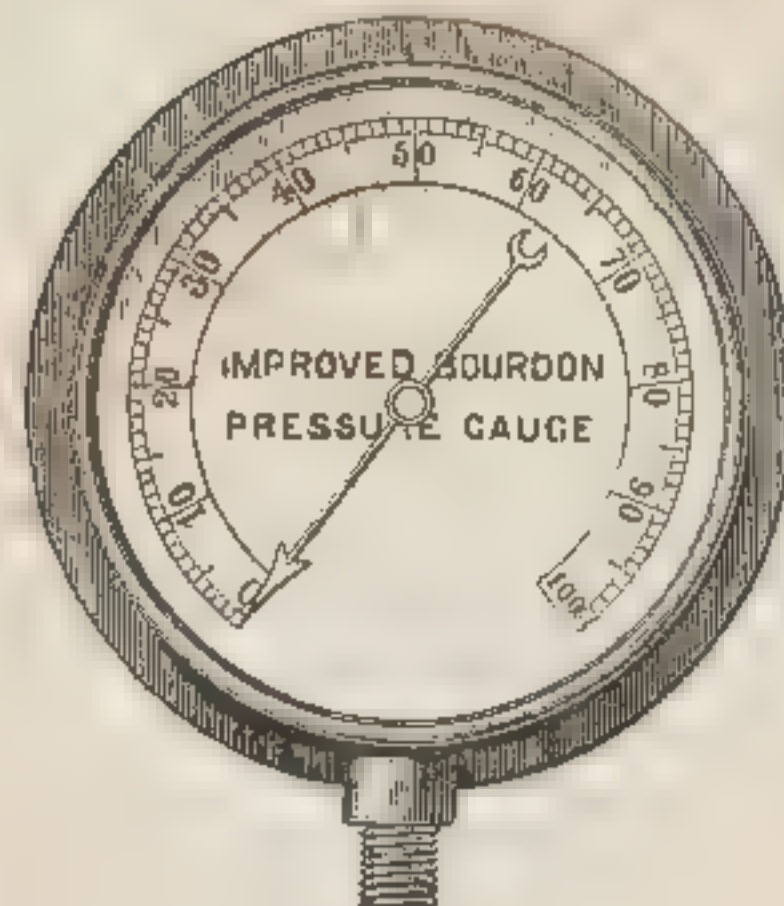
**CAST HORSE
BELL.**
 $2\frac{1}{2}$, 3, $3\frac{1}{2}$ inch.



**CAST SHEEP
BELL.**
2, $2\frac{1}{4}$, $2\frac{1}{2}$ inch.

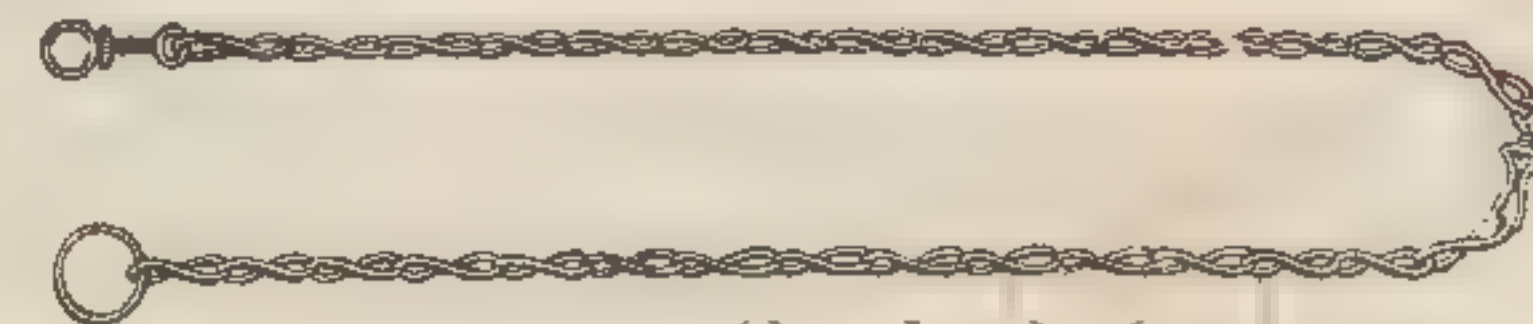


PET COCK.
Straight and Bib Nose,
 $\frac{1}{4}$ in. upwards.



STEAM GAUGE,
4, 5, 6 inch.

PARAGON GAUGE GLASS CUTTERS.
RUBBER GAUGE GLASS RINGS.



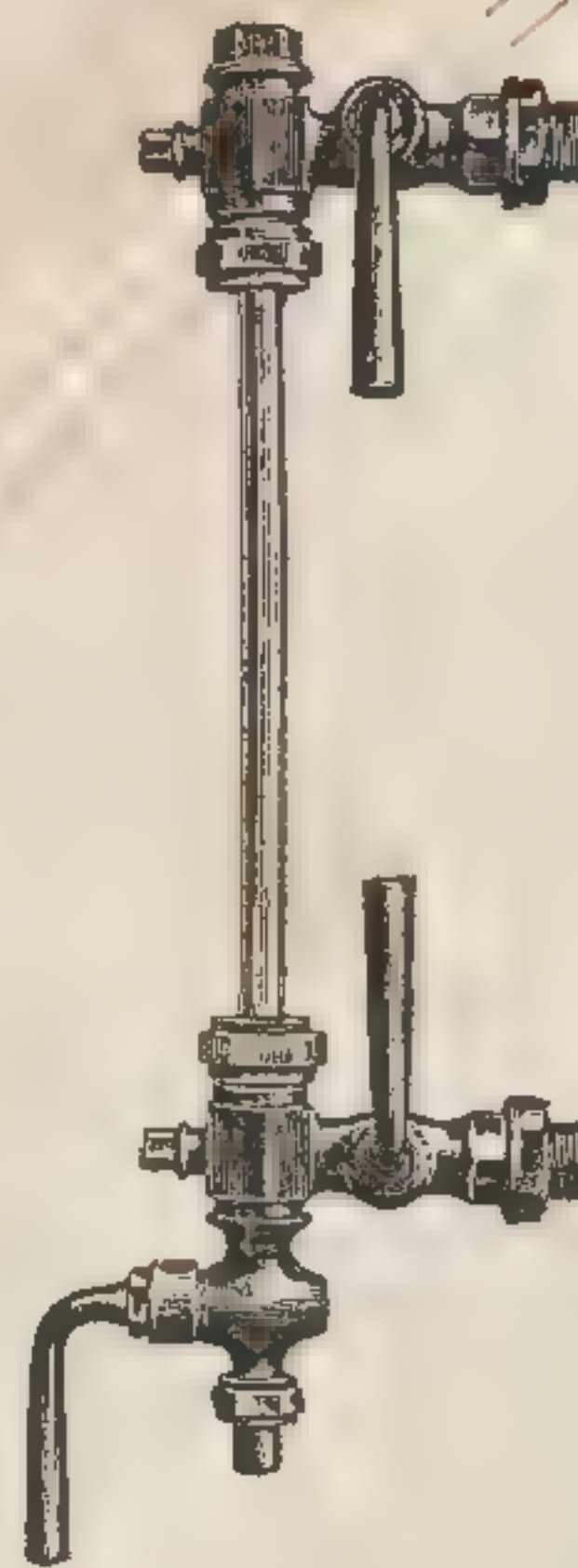
COCKATOO CHAINS, Assorted.



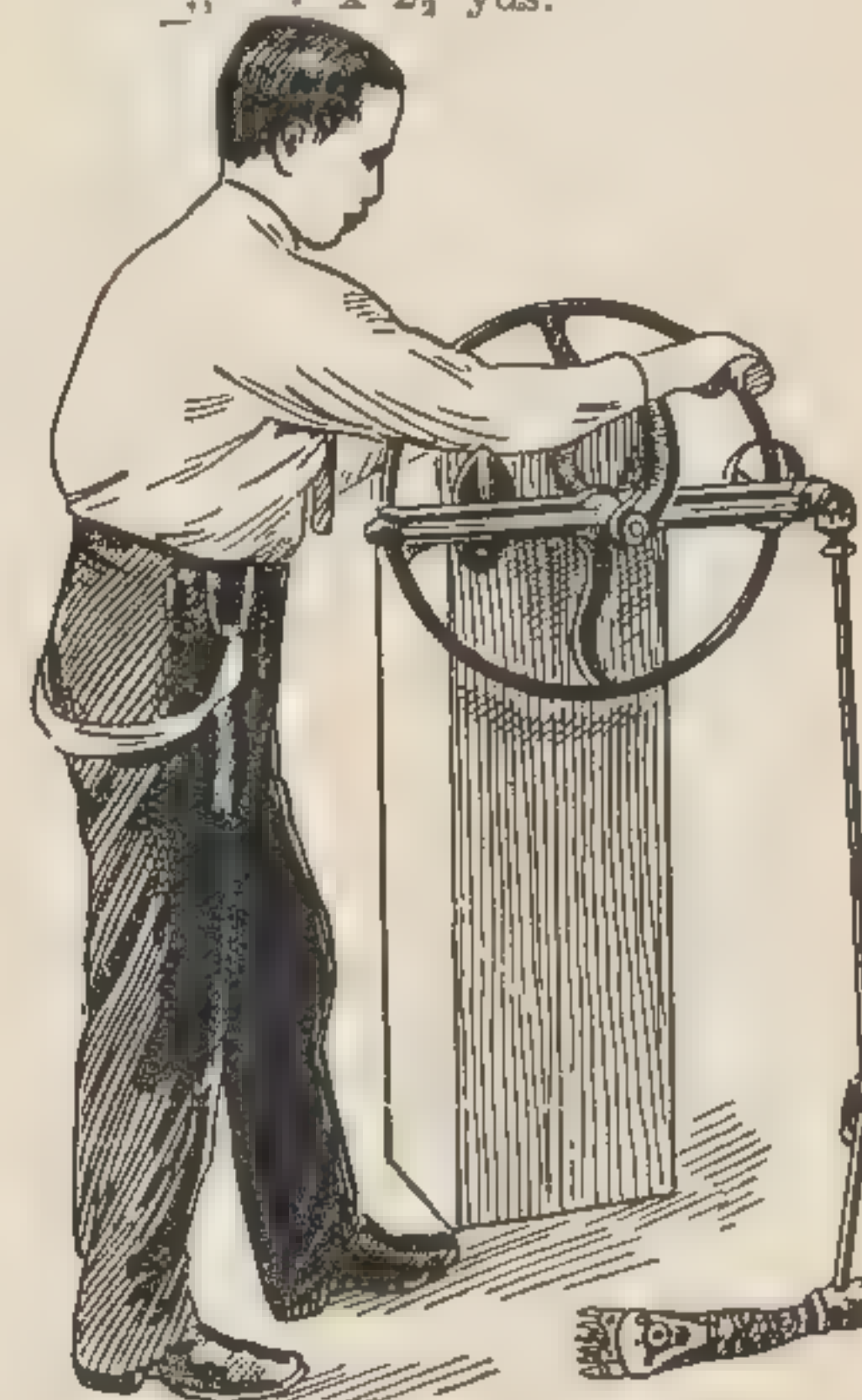
BRIGHT WELDLESS DOG CHAIN.
Nos. 8, 6, 5, 4, 3, 2 x $1\frac{1}{2}$ yds. Nos. 4, 3, 2, 1, 0, 00 x 2 yds.
Nos. 1, 0, 00 x $2\frac{1}{2}$ yds.



DOG CHAIN WITH SPRING HOOK.
Japanned, Nos. 9 x $1\frac{1}{2}$ yds.
" 9, 8 x 2 yds.
" 7 x $2\frac{1}{2}$ yds.

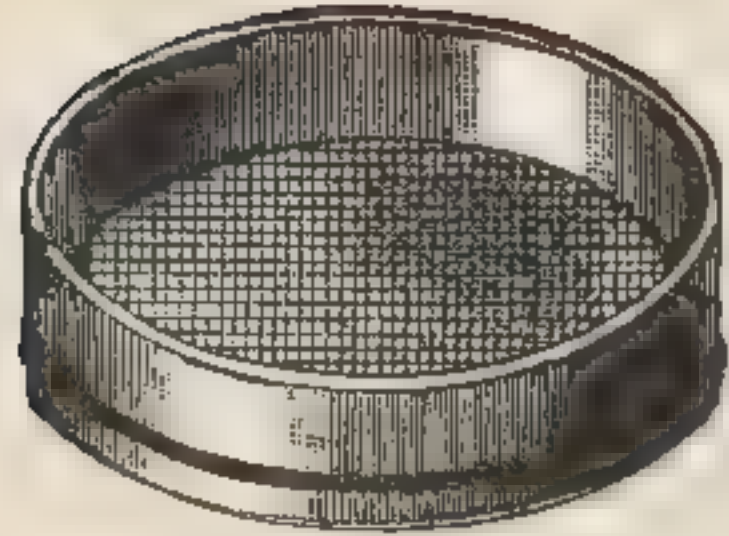


WATER GAUGE,
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 inch.
Glasses for do. All sizes



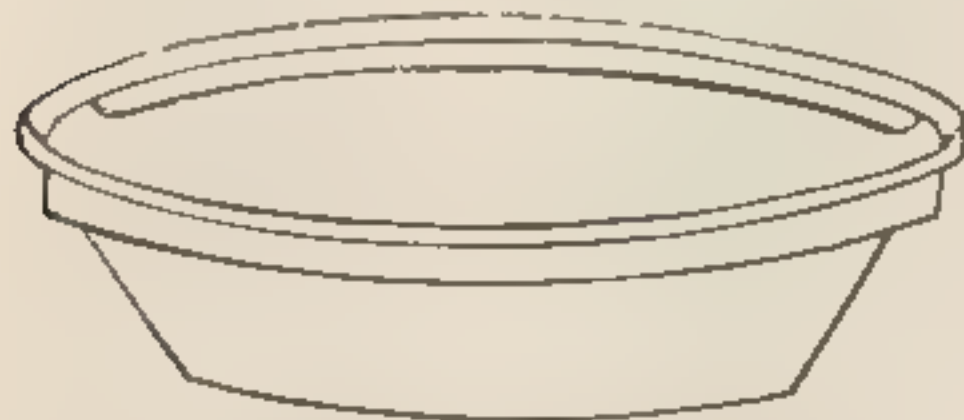
CHICAGO HAND POWER SHEEP SHEARING MACHINE.

Rollers, Etc.



SIEVE.

Black and Galvanized, 18, 20, 22in x 1-16,
 $\frac{1}{8}$, 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, mesh.



PROSPECTING PAN.

Black ... 15 $\frac{1}{2}$ 17 $\frac{1}{2}$ inch.
 Tinned ... " " "
 Also Plates 9 $\frac{1}{2}$ inch.



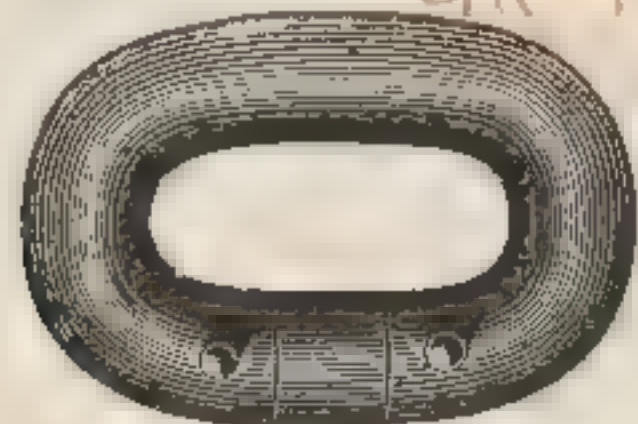
**BENNETT'S
 NETTING
 FASTENER.**

PLYERS for do.



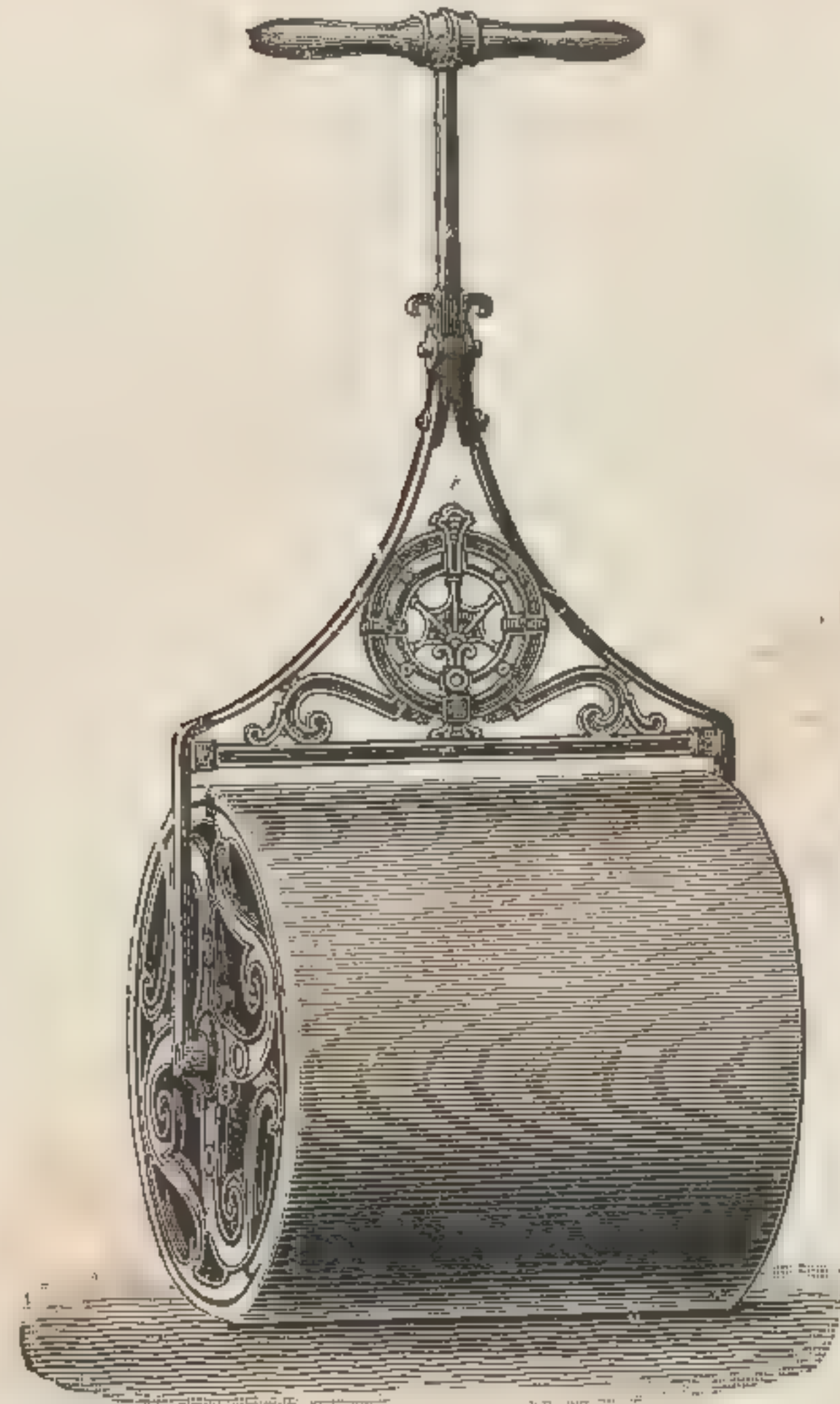
JAPPANED SPLIT LINK.

3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, 9-16, $\frac{5}{8}$ in.



PATENT MENDING LINK.

3-16 $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, 9-16, $\frac{5}{8}$ in.



GARDEN ROLLER.

Single Cylinder.

Size Inches.					Approximate Weight.		
					Cwt.	qrs.	lbs.
18	x	18	...	...	1	3	10
20	x	20	...	...	2	1	0
22	x	22	...	...	3	0	0
24	x	24	...	...	3	2	0

Double Cylinder.

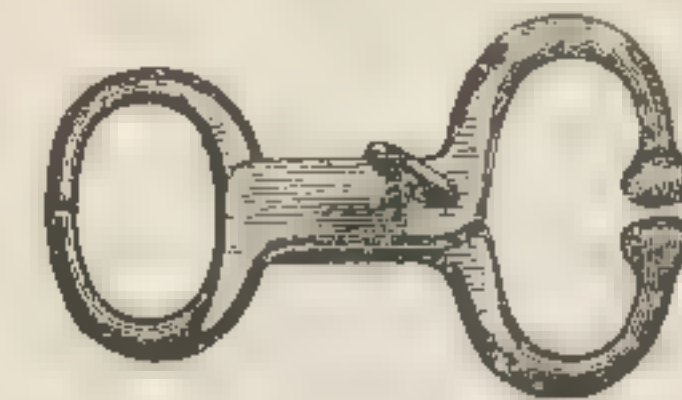
20	x	18	...	...	2	1	8
22	x	20	...	...	2	3	0
24	x	22	...	...	3	1	14
26	x	24	...	...	4	0	0
30	x	28	...	...	5	3	0



DIXON'S PLUMBAGO CRUCIBLES. Nos. 1 to 60.
CLAY CRUCIBLES. Nos. F. G.



SOCKET BULL LEADER. Bright Finish. Polished do



BULL LEADER.
 Also other kinds.



BULL RING.
 Aluminium and Copper,
 Small, medium, and large sizes.

Horse Nails and Shoes.

Nos. 4
Ap. No. to lb. 297

5
185

6
145

7
117

8
100

9
83

10
66

11
51



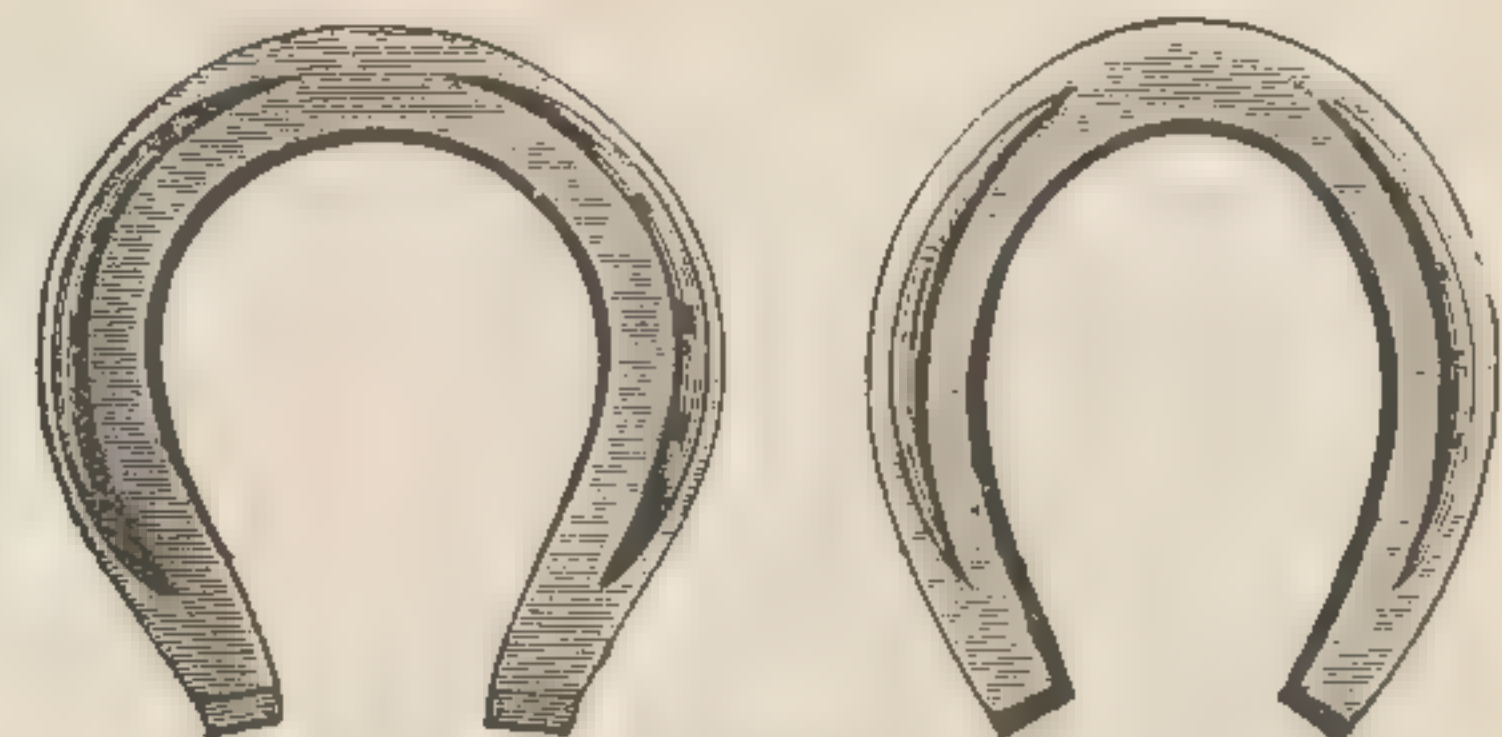
HAMILTON HORSE NAILS.

These Nails are **undoubtedly the best**, they are **very tough**, and **will clinch well**.

They are **now used** by **most** of the **leading farriers**, in the **Metropolis**, and give **entire satisfaction**.

Put up in 5 and 25 lb. Boxes.

	34/-	26/-	23/-	21/-	18/9	17/9	16/9	List.
GLOBE HORSE NAILS.—Nos. 4	5	6	7	8	9	10		
N	"	"	"	"	"	"	"	"
	In 25 lb. Boxes,							



Fore.

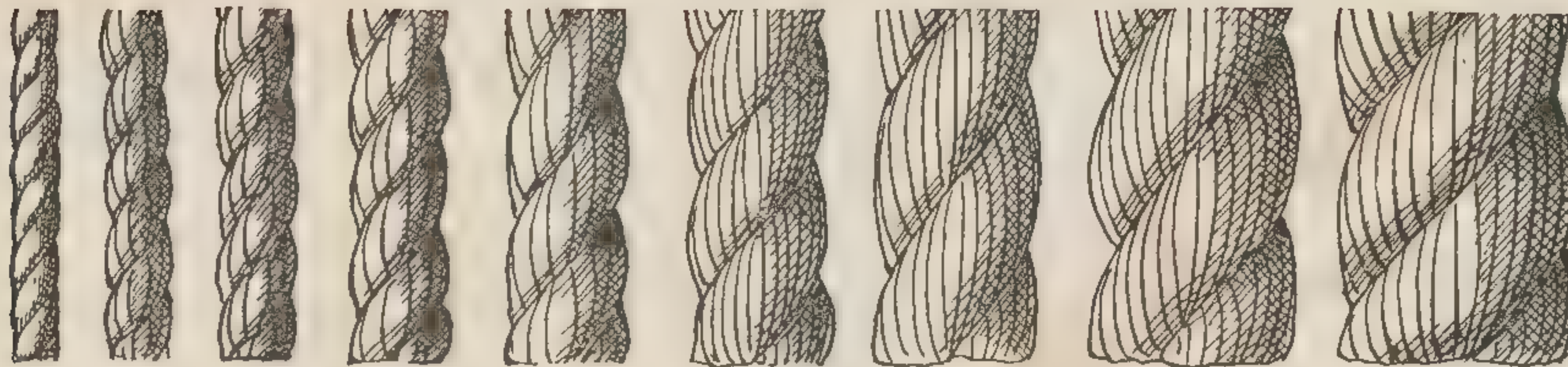
HORSE SHOES.

Hind.

ENGLISH AND COLONIAL.

Plain Hack	Nos. 1, 2, 3, 4, 5, 6, 7, 8.
Clipped "	" " " " " " " "
Plain Draught	" 2, 3, 4, 5.
Cocked "	" " " " "

Rope, &c.



$\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{2}$ 3 inches. CIRCUMFERENCE.

MANILLA (FIRST AND SECOND QUALITIES), NEW ZEALAND FLAX, EUROPE AND COIR ROPE.

APPROXIMATE WEIGHT PER COIL OF MANILLA AND NEW ZEALAND ROPES.

180 Fathoms.					125 Fathoms.				120 Fathoms.					
$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	6 inch.
cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.	cwt. qr. lb.
0 0 12	0 0 20	0 1 14	0 1 20	0 2 24	0 2 24	0 3 14	1 0 7	1 1 7	1 3 18	2 2 14	3 2 0	4 1 14	5 1 0	7 2 14

BEST FLEXIBLE STEEL WIRE ROPE.
BLACK OR GALVANIZED.

Circum- ference	12 Wires—6 Strands.		19 Wires—6 Strands.		24 Wires—6 Strands.	
	Weight per Fathom	Breaking Strain.	Weight per Fathom.	Breaking Strain.	Weight per Fathom.	Breaking Strain.
	Lbs.	Tons.	Lbs.	Tons.	Lbs.	Tons.
Inches.						
1	$\frac{3}{4}$	2	1	$2\frac{3}{4}$	—	—
$1\frac{1}{4}$	1	$3\frac{1}{2}$	$1\frac{1}{2}$	4	—	—
$1\frac{1}{2}$	$1\frac{1}{2}$	5	$2\frac{1}{2}$	$6\frac{1}{2}$	$2\frac{1}{4}$	6
$1\frac{3}{4}$	2	6	3	8	3	7
2	$2\frac{1}{2}$	8	4	12	$3\frac{1}{2}$	10
$2\frac{1}{4}$	$3\frac{1}{4}$	10	5	14	$4\frac{1}{2}$	13
$2\frac{1}{2}$	$4\frac{1}{4}$	13	6	18	$5\frac{1}{2}$	17
$2\frac{3}{4}$	$5\frac{1}{4}$	16	$7\frac{1}{2}$	22	6	20
3	6	$18\frac{1}{4}$	9	26	$7\frac{1}{2}$	24



TWINE.

SEAMING AND ROPING, 3 and 6 ply.
Dutch. White.
Fine, Medium, Heavy.

GALVANIZED FLEXIBLE WIRE CORDS,
 $\frac{1}{8}$, $\frac{5}{16}$, $\frac{3}{8}$ in. CIRCUMFERENCE.

GALVANIZED FLEXIBLE WIRE KNOCKER
LINES. $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in. circumference.

TAGS.

All Sizes— $2\frac{1}{2}$ to $5\frac{1}{2}$ inch.

LINES.

Scotch Plough in Coils. $\frac{1}{2}$, 1, $1\frac{1}{2}$
inch circumference.

Bolt Rope.

Coir „

Marline.

Houseline.

Hambroline.

Spunyarn.

Log Lines.

Lead „

Signal Halyards.

LASHING.

In Balls and Coils.

Pots, Rivets, Staples, Etc.



COOPERS' RIVETS, 3 to 20 lbs.



TINMEN'S RIVETS, Nos. 4 to 18.



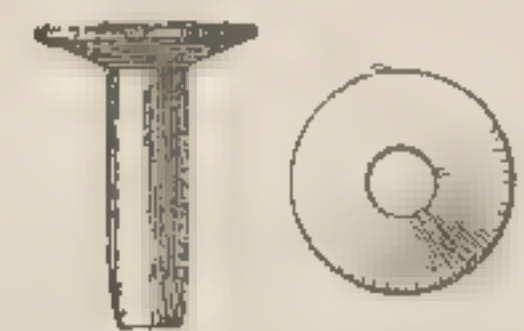
HUNGARIAN NAIL.
 $\frac{1}{8}$ x 13, 14.
 $\frac{1}{4}$ x 12, 13.
 $\frac{3}{8}$ x 12.



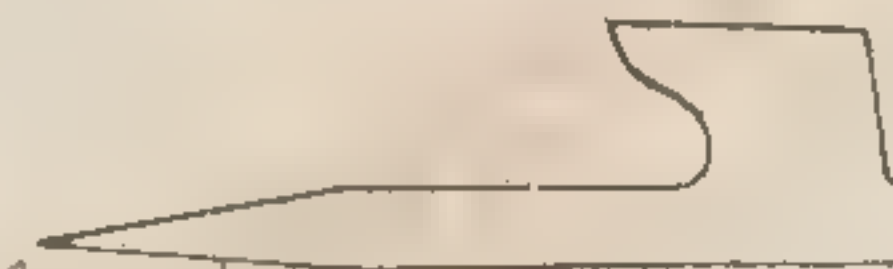
PAN HEAD RIVET.
 $\frac{1}{4}$, 5-16, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch
 All Lengths.



GALVANIZED CONE HEAD RIVET.
 $\frac{1}{4}$, 5-16, $\frac{3}{8}$ x 3-16 inch; 5-16, $\frac{3}{8}$ x $\frac{1}{2}$ inch;
 $\frac{1}{2}$ x 5-16 inch.
 Washers for do—3-16 x 11-16 in. x 16 gauge.
 $\frac{1}{4}$ x 13-16 „ x 14 „
 5-16 x $\frac{3}{8}$ „ x 14 „



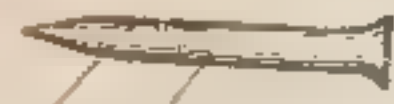
COPPER RIVET AND WASHER.
 6 to 10 Gauge. $\frac{1}{4}$ to $1\frac{1}{2}$ in.
 And in 1lb. Assorted Boxes.



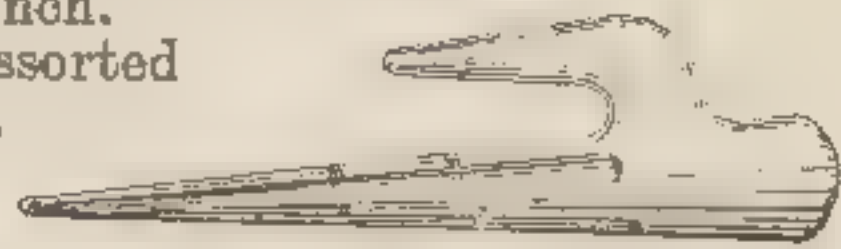
GOVERNMENT PATTERN FENCING STAPLE.



BIFURCATED COPPERED RIVET.
 6 to 9 Gauge.
 $\frac{3}{8}$ to 1 inch.
 And in Assorted Boxes.



BOOT RIVET. Brass and Iron, and Brassed.
 $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch.



GALVANIZED BARBED WIRE HOOK OR STAPLE.

REAPER KNIFE RIVETS.
 O. SUNK HEADS.
 7-16 to $1\frac{1}{2}$ x 6 gauge, or 3-16 diam.



SIDE CUT STAPLE. Bright or Galvanized.
 $\frac{1}{4}$ x 11, $\frac{1}{2}$ x 10, $1\frac{1}{2}$ x 9, $1\frac{1}{2}$ x 8, $1\frac{1}{2}$ x 7.
 And in 1lb. Packets $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 in.



FAMILY GLUE POT.



GLUE POT.
 Nos. 5/0 4/0 3/0 2/0 0 1 2 3 4 5 6
 OT E D C B A



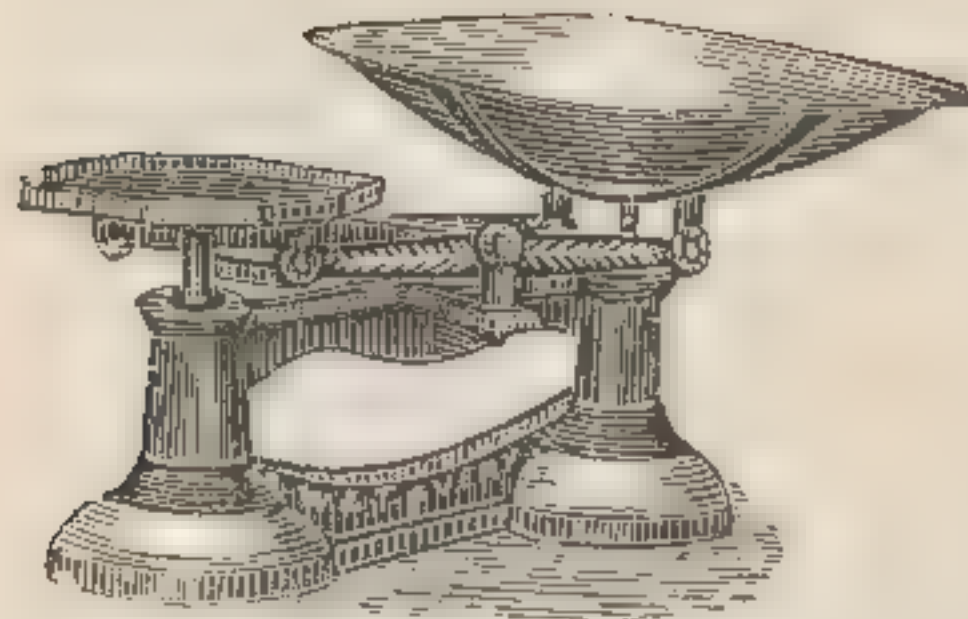
PLUMBER'S POT.
 6, 8, 10, 12, 14 inch.



PESTLE AND MORTAR.
 Nos. 2 3 4 5 6 7 8 9 10 11 12
 $4\frac{1}{2}$ 5 $5\frac{1}{2}$ 6 $6\frac{1}{2}$ 7 8 9 10 11 12 inch.

Scales.

SCALES, WEIGHING MACHINES AND WEIGHTS TESTED AND STAMPED IF REQUIRED.



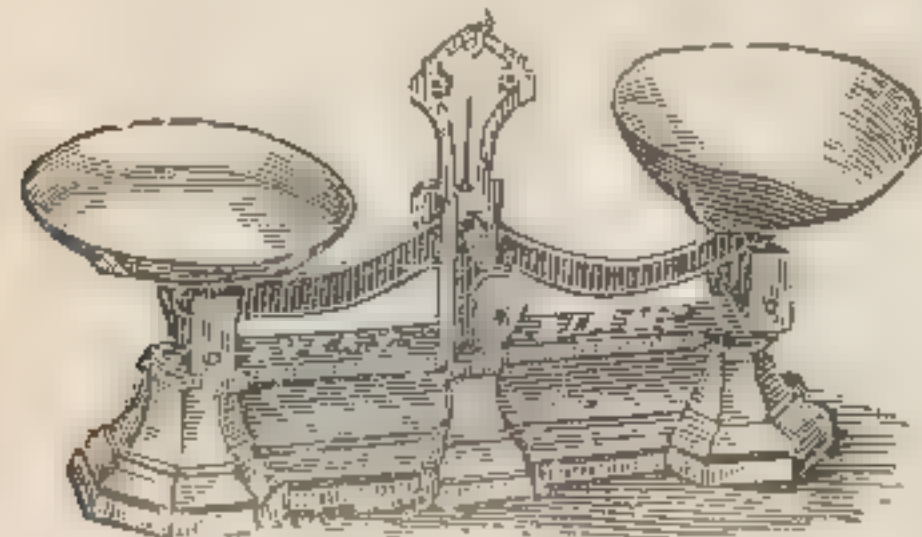
EVERY'S No. 883 G, Oblong Tin Dish, 7, 14, 28lbs.
ROGERS', similar to above, but cheaper.

R23, Oblong Tin Dish, 7, 14, 28lbs.

Ditto, for Household or rough use, will not pass Test.

R2, Oblong Tin Dish, 7, 14, 28lbs.

R2, Round China Plate, 7, 14, 28lbs.



EVERY'S Lolly or Tobacconist Scale.

No. 638, 2, 4, 7 lbs.

Fairbank's, 2 and 4lbs.

German, similar pattern, 4lbs. only.

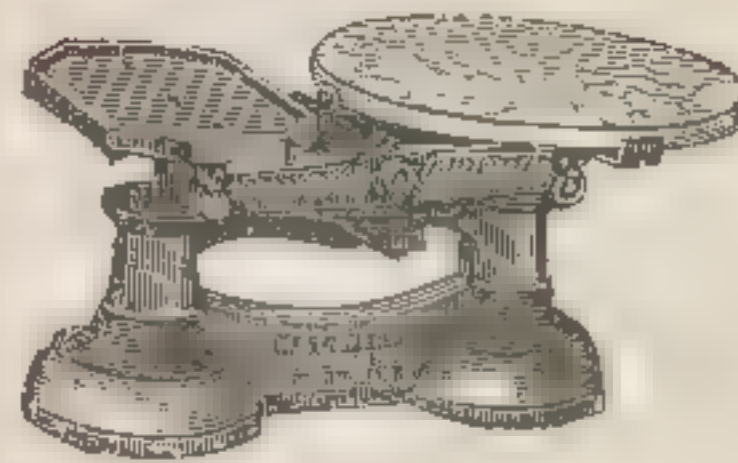


EVERY'S Grocers' Scale. No. 923,
Gilt Pillar, Brass Beam, Agate
Bearings.

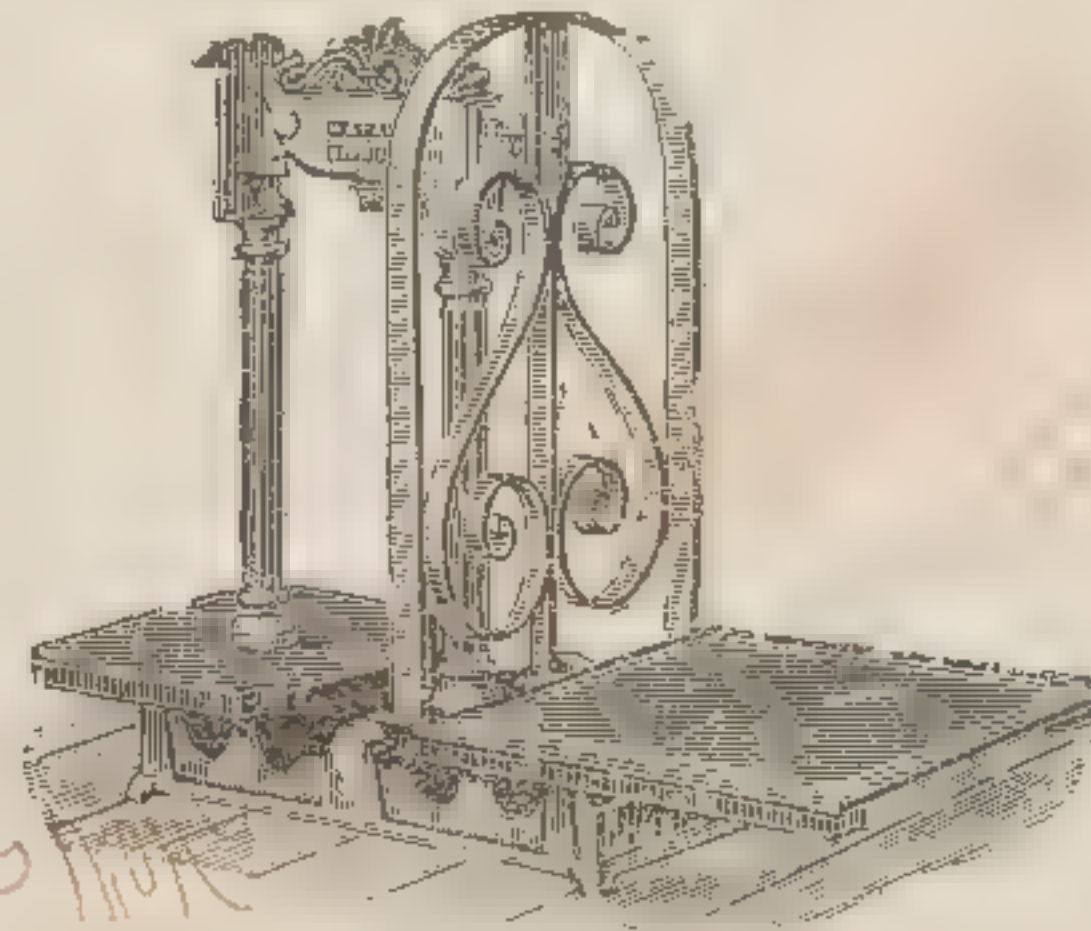
Brass or China Plates, 16, 18 inch.

EXTRA CHINA PLATES, ROUND, 10, 11, 12,
13 inch.

OBLONG. 10 x 11, 11 x 12 inch.



EVERY'S
No. 883M, Round China Plate.
7, 14, 28lbs.

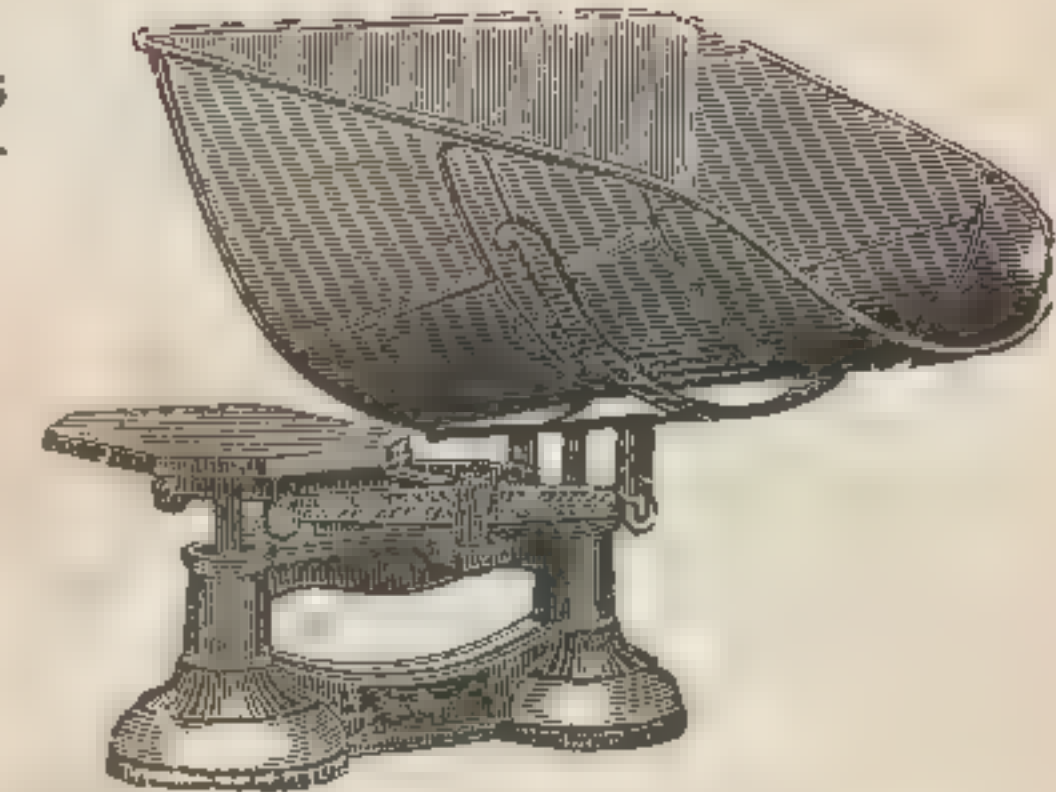


EVERY'S IMPERIAL MACHINE. No. 849J.
China or Brass Plates, 14, 28, 56lbs.



EVERY'S BEAM SCALE. No. 172.
Gilt Beam and Pillar, Brass
or China Plates.
16, 18 inch.

EVERY'S AND FAIRBANKS' WILL PASS THE GOVERNMENT TEST.



R2, Tin Flour Scoop, 28, 56lbs.

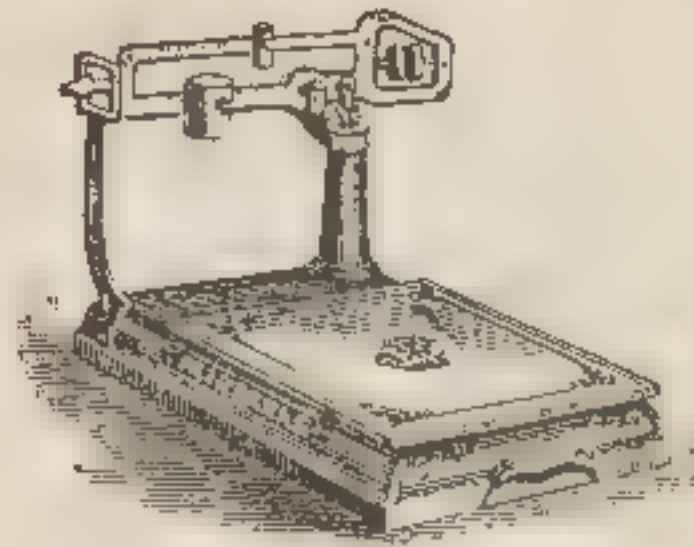


EVERY'S Gold Scale in Oak Box.
2, 4, 6, 8, 10, 12, 14, 16 ozs.

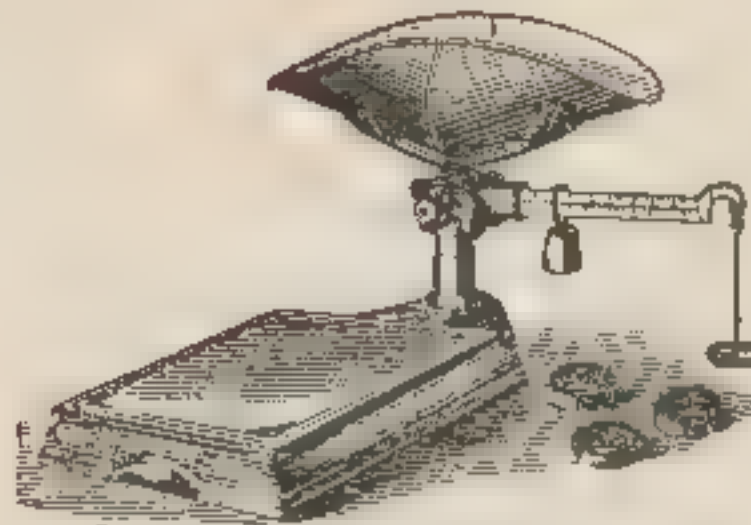


EVERY'S Butchers' Scales. No. 942
Gilt Beam and Pillar, Agate
Bearings, China
Plate, 18, 20 inch.

Scales Continued. and Weights.



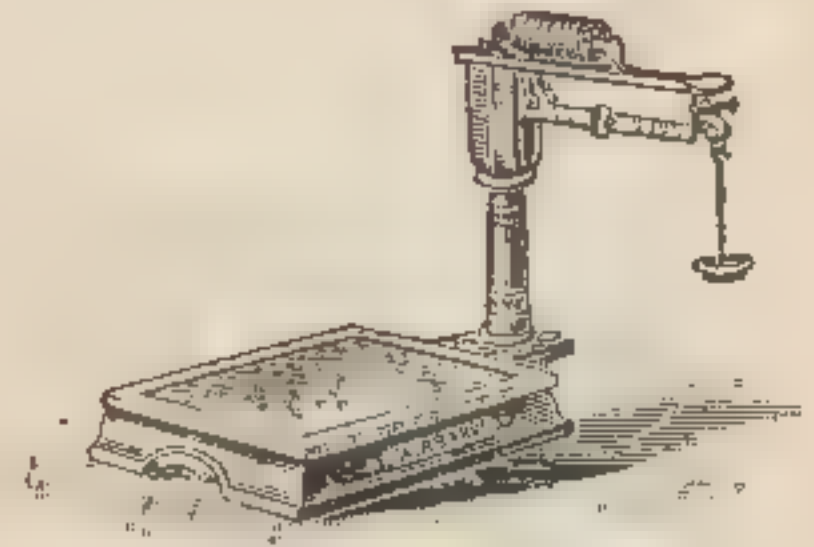
FAIRBANK'S EXPRESS PACKAGE SCALE.
Double Beam, Platform $10\frac{1}{2} \times 12$ in.
1oz. to 70lbs.



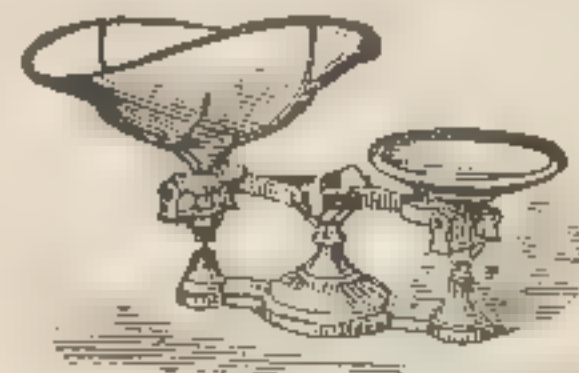
FAIRBANK'S UNION SCALE.
No. 500, Tin Scoop, $\frac{1}{2}$ to 240lb.
No. 502, Brass Scoop, $\frac{1}{2}$ to 240lb.
Platform, $10\frac{1}{2} \times 13\frac{1}{2}$. Also,
AVERY'S UNION, $\frac{1}{2}$ to 240.
THE CHAMPION UNION SCALE.
 $\frac{1}{2}$ to 240 lbs. Tin Scoop.



FAIRBANK'S TEA SCALE.
With Funnel Scoop, No. 720, 2lbs.



FAIRBANK'S COUNTER SCALE.
No. 1212.
Platform, $13\frac{1}{2} \times 19$ in.
2 ozs. to 3 cwt.
Also 2 ozs. to 300 lbs.
Avery's do., 2ozs. to 300lb.



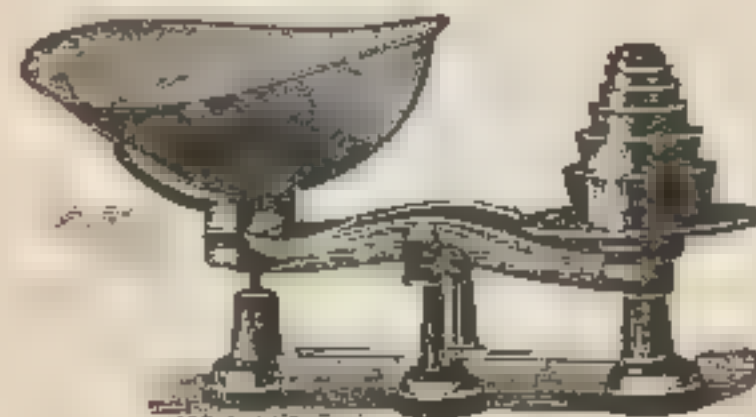
FAIRBANK'S GROCERS' SCALE.
With Tin Scoop.
No. 703. 6 lbs.



FAIRBANK'S BUTCHERS OR GROCERS' SCALE.
Square China Plate, No. 855.
6lbs.



FAIRBANK'S BUTTER SCALE.
Round China Concave Plate.
No. 823. 6lbs.



AMERICAN TEA SCALE.
With Weights 2lb. down.



BRASS FLAT WEIGHTS.
1, 2, and 4lbs. down.



IRON WEIGHTS.
4lbs. down to $\frac{1}{2}$ oz.



BRASS BELL WEIGHT.
14 lbs. down.



CHINA WEIGHTS.
7 lbs. down.

TROY WEIGHTS.

Extra Weights for Weighing Machines
can be supplied.

Extra Odd Weights—Brass and China.



IRON BAR WEIGHT.
7, 14, 28, 56lbs.

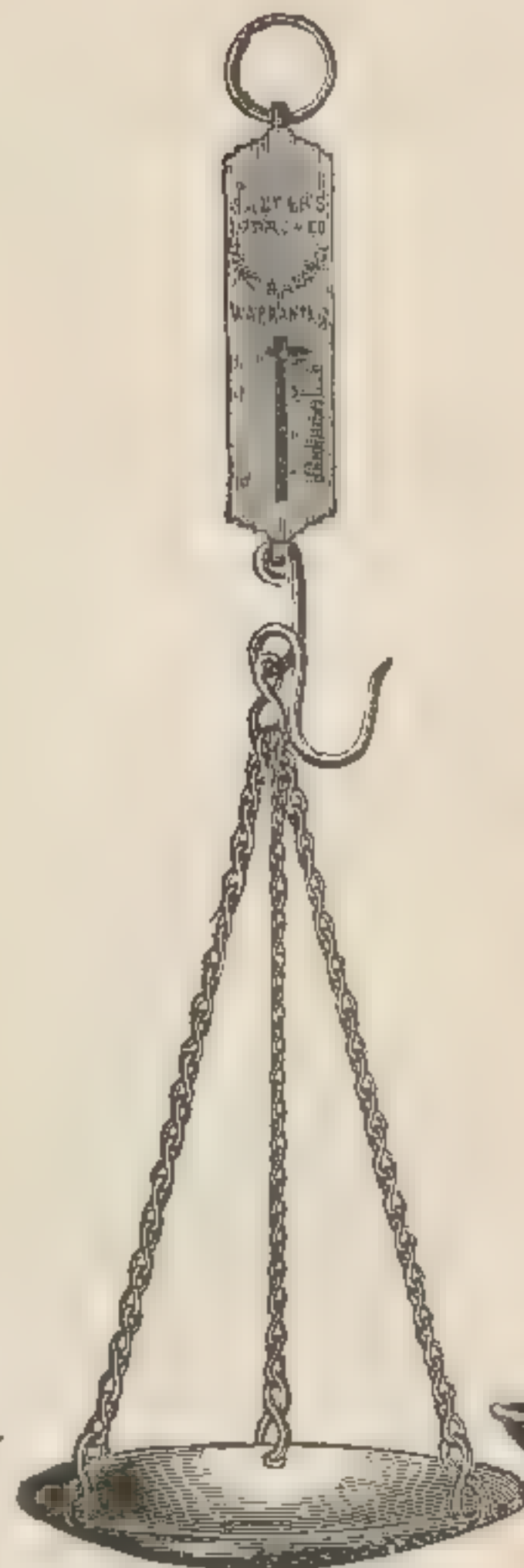
Balances.



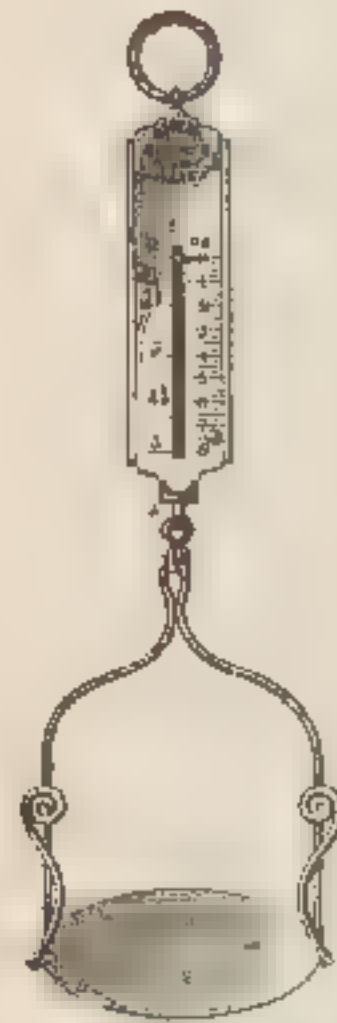
HOOK ONLY, BALANCE.
SALTER'S Pocket Quality.
 25, 30, 40, 50 lbs.
 „ 2nd „ „ „ „
 „ No. 6 „ „ „ „
 American, 25, 30 lbs.



POSTAL BALANCE.
 No. 11, $\frac{1}{4}$ to 24ozs.



HOOK & SCALE BALANCE.
SALTER'S Pocket Quality
 25, 30, 40, 50 lbs.
 „ 2nd „ „ „ „
 „ No. 6 „ „ „ „
 American, 25, 30 lbs.



LETTER BALANCE.
 No. 9. $\frac{1}{4}$ to 8oz.



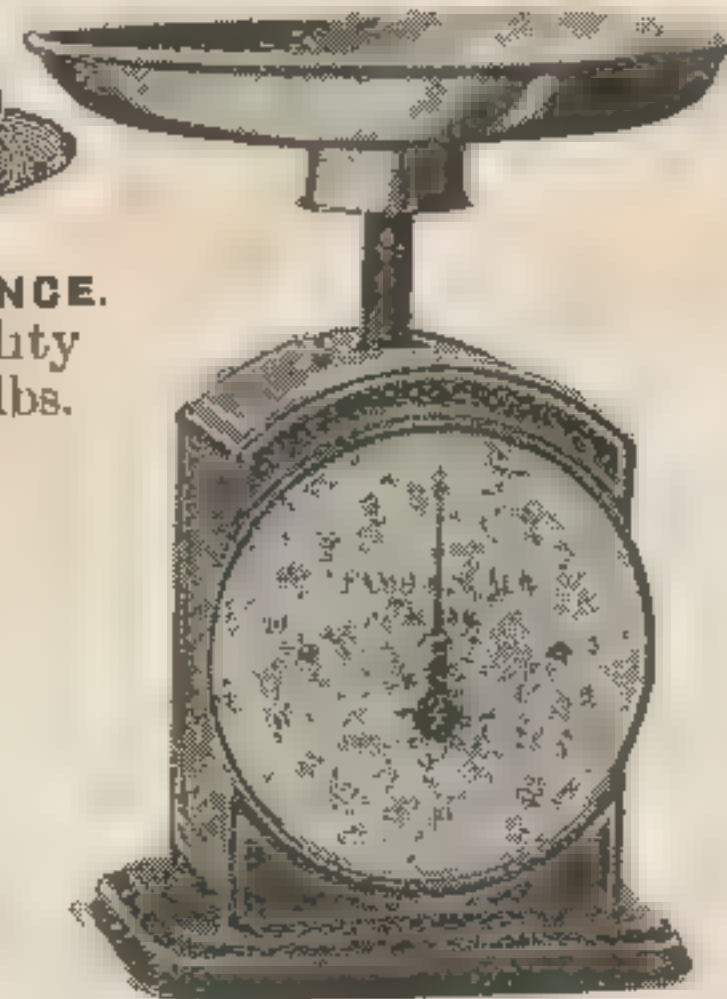
LETTER BALANCE.
 No. 7 $\frac{1}{4}$ oz. to 2 oz.
 No. 8 $\frac{1}{4}$ oz to 4 oz.



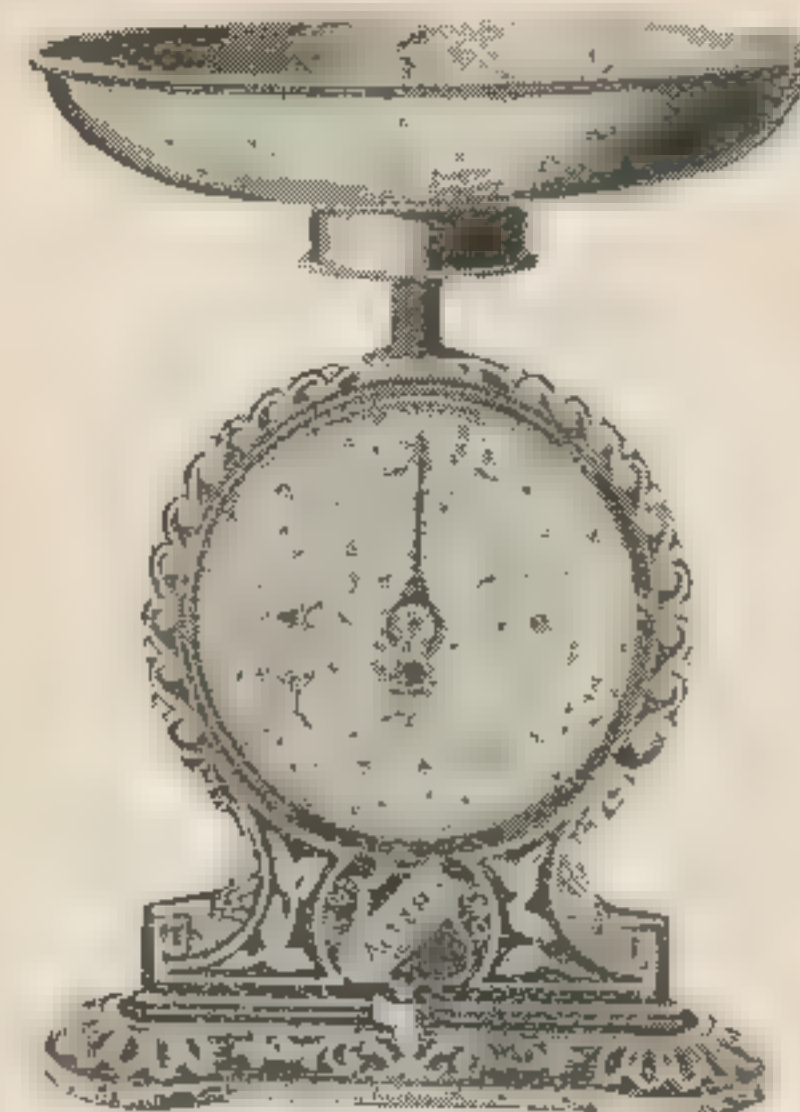
SALTER'S CIRCULAR BALANCE.
 100 x $\frac{1}{2}$, 200, 300, 400 x 1 lb.



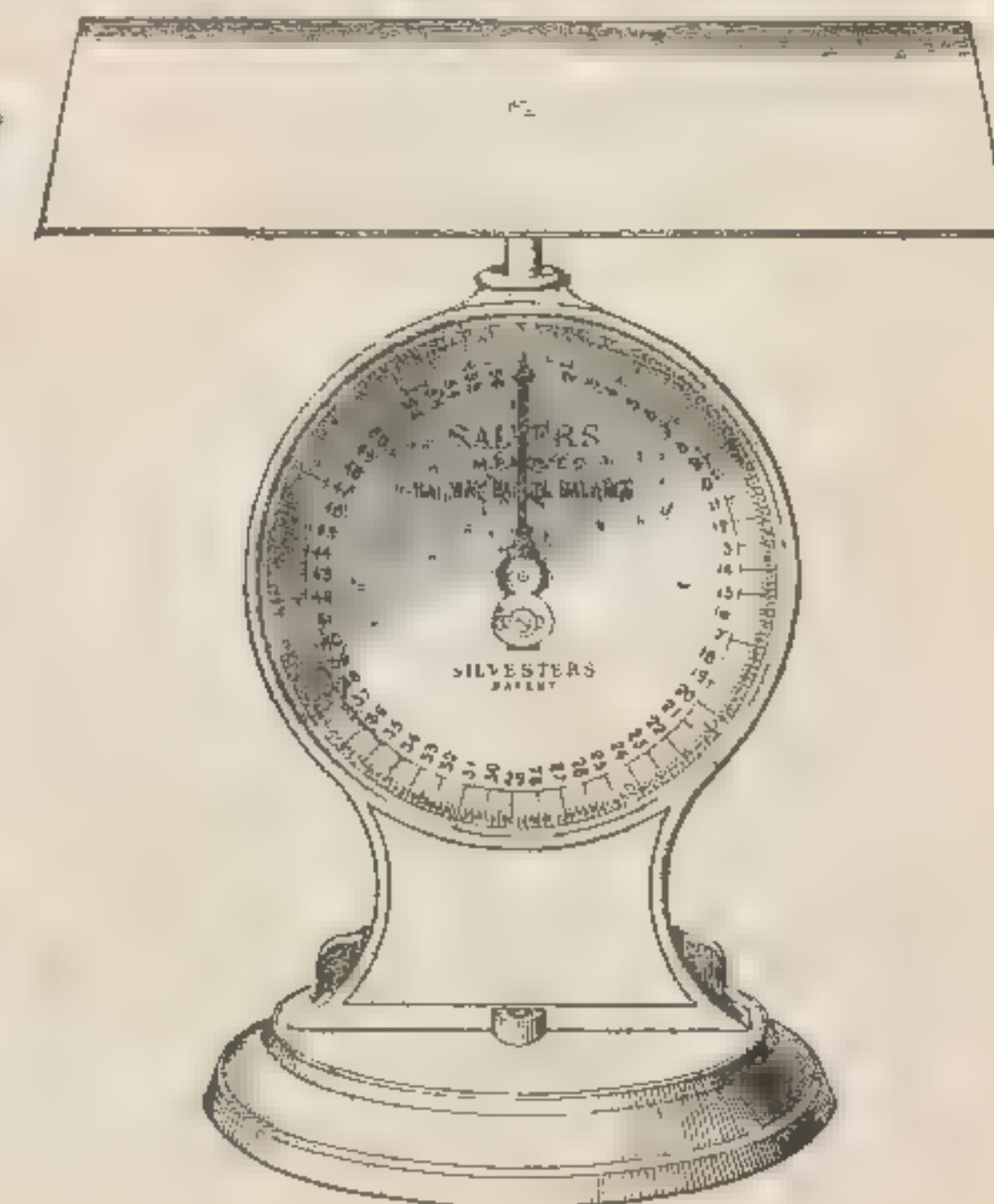
QUADRANT BALANCES.
 56, 112, 200 lbs.



HUGHES' FAMILY BALANCE.
 To weigh 20lbs. by ozs.
 Made of Steel, Unbreakable,
 Finished in Black Enamel,
 Decorated in Gilt.
 Regulated by the Brass Screw on
 Top.



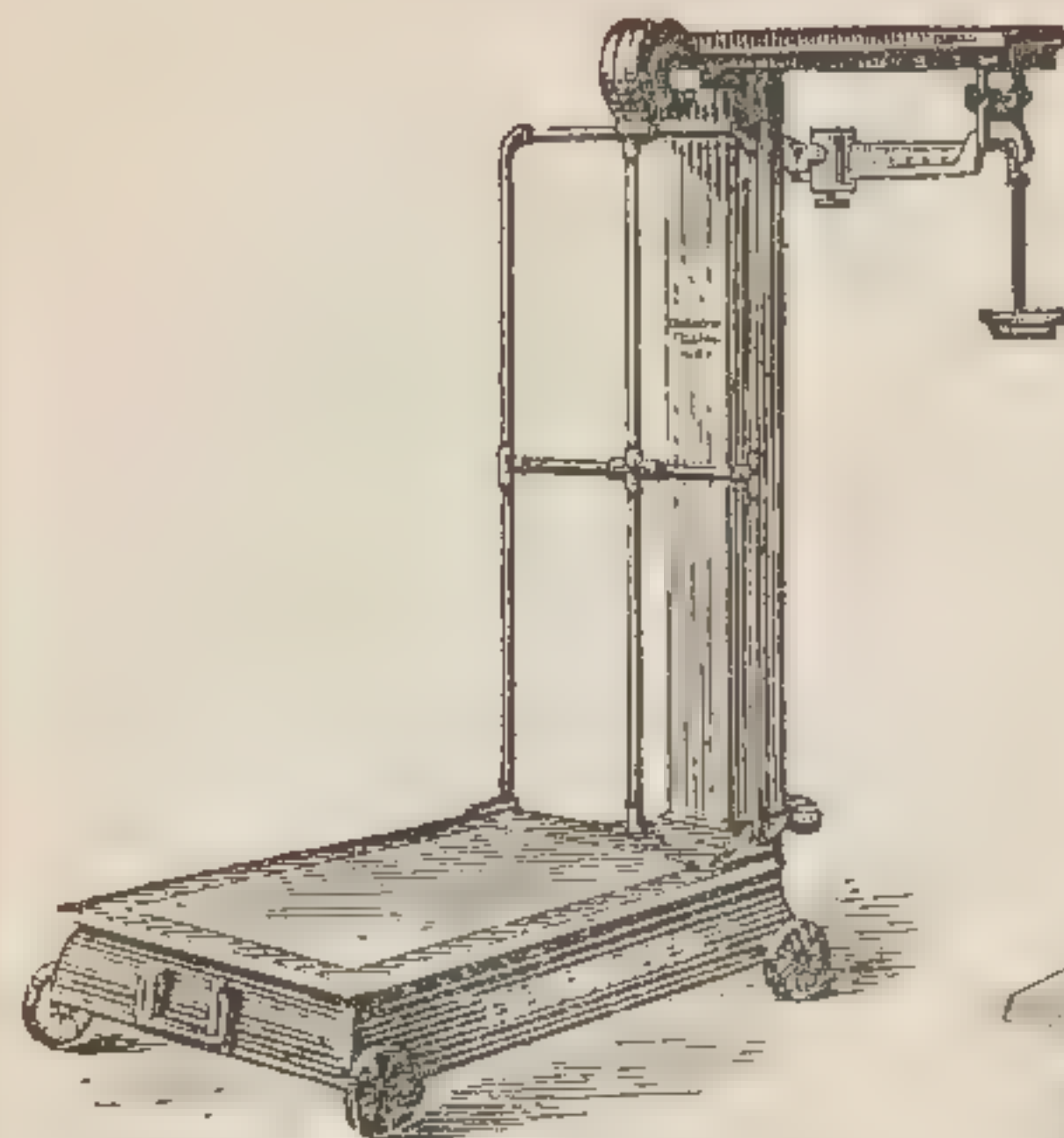
SALTER'S FAMILY BALANCE.
 Oblong or Round Tin Dish,
 14, 28lbs.
 Oblong or Round Enamelled
 Dish, 14lbs.



RAILWAY BALANCE. No. 55, 56lbs.

Weighing

Machines.



FAIRBANK'S WEIGHING MACHINE.

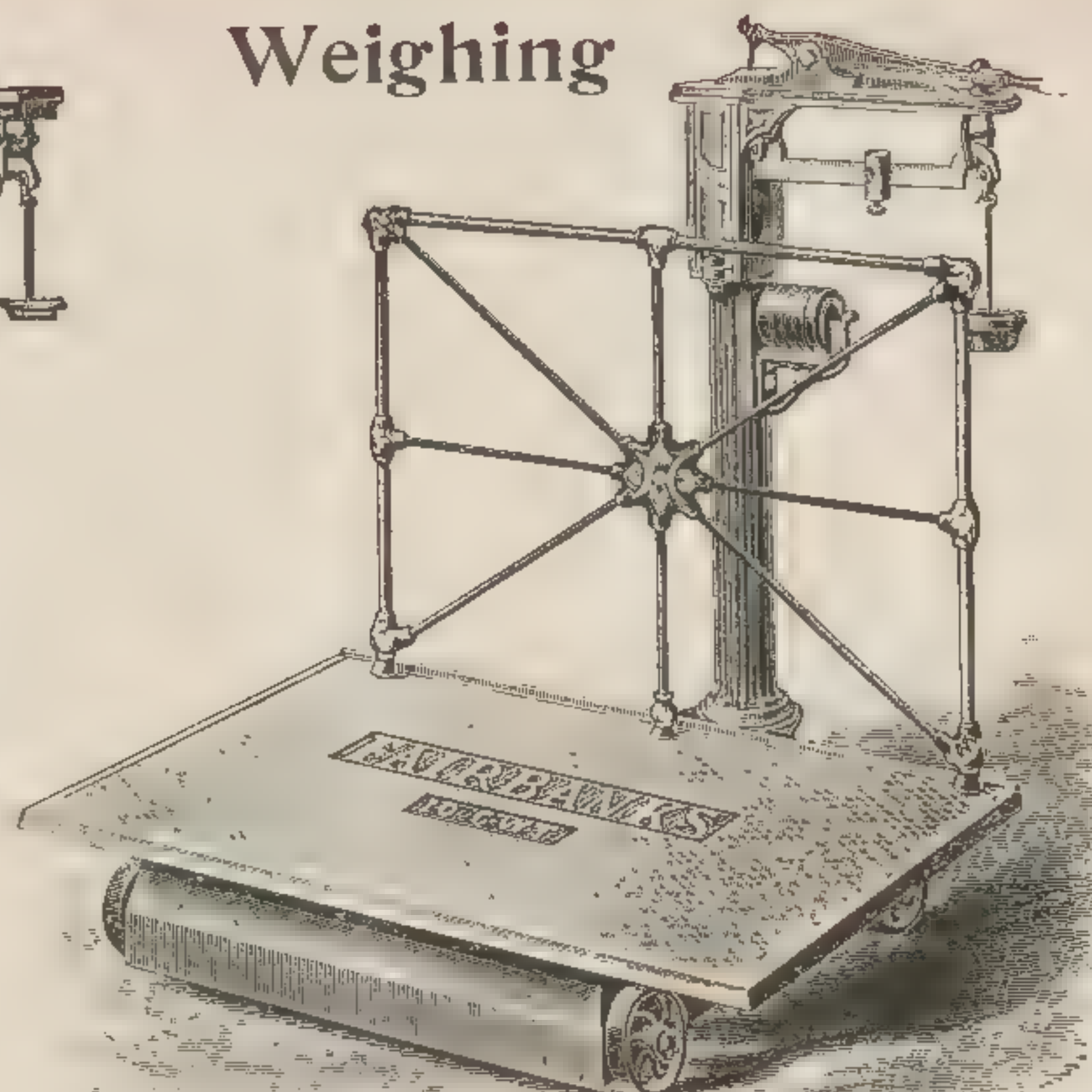
No. 1162.

500 lbs. or 5 cwt. Platform, 21 x 15 inch.

Special Scale or Wheat.

100 lbs. on beam, with or without bag rail.

And Cheaper Makers.



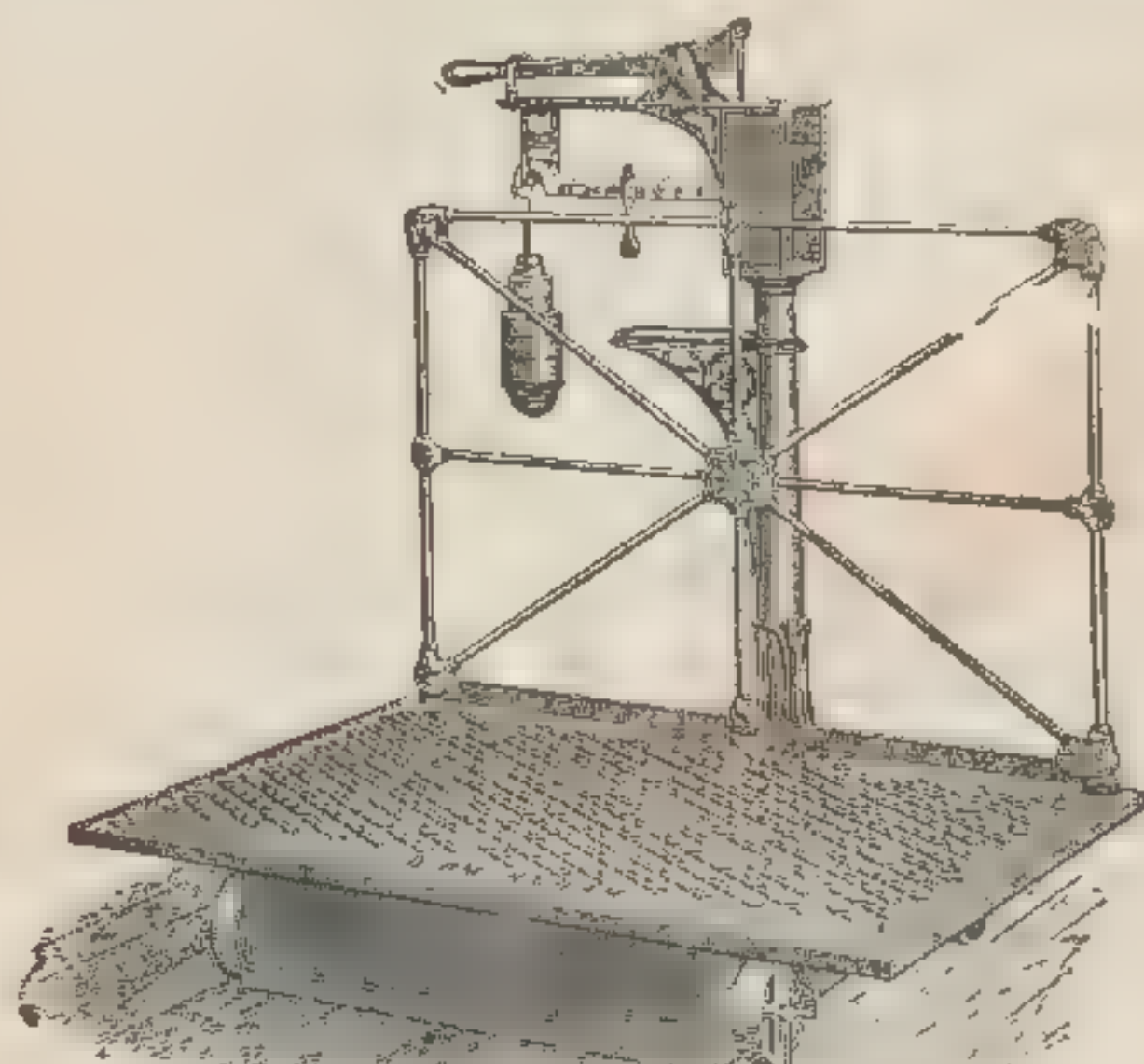
FAIRBANK'S AUSTRAL WEIGHING MACHINE.

No. 3 / 4 / 5

Size of Platf'm } 20 x 22, 22 x 25, 25 x 25 in.

7 10 cwt.

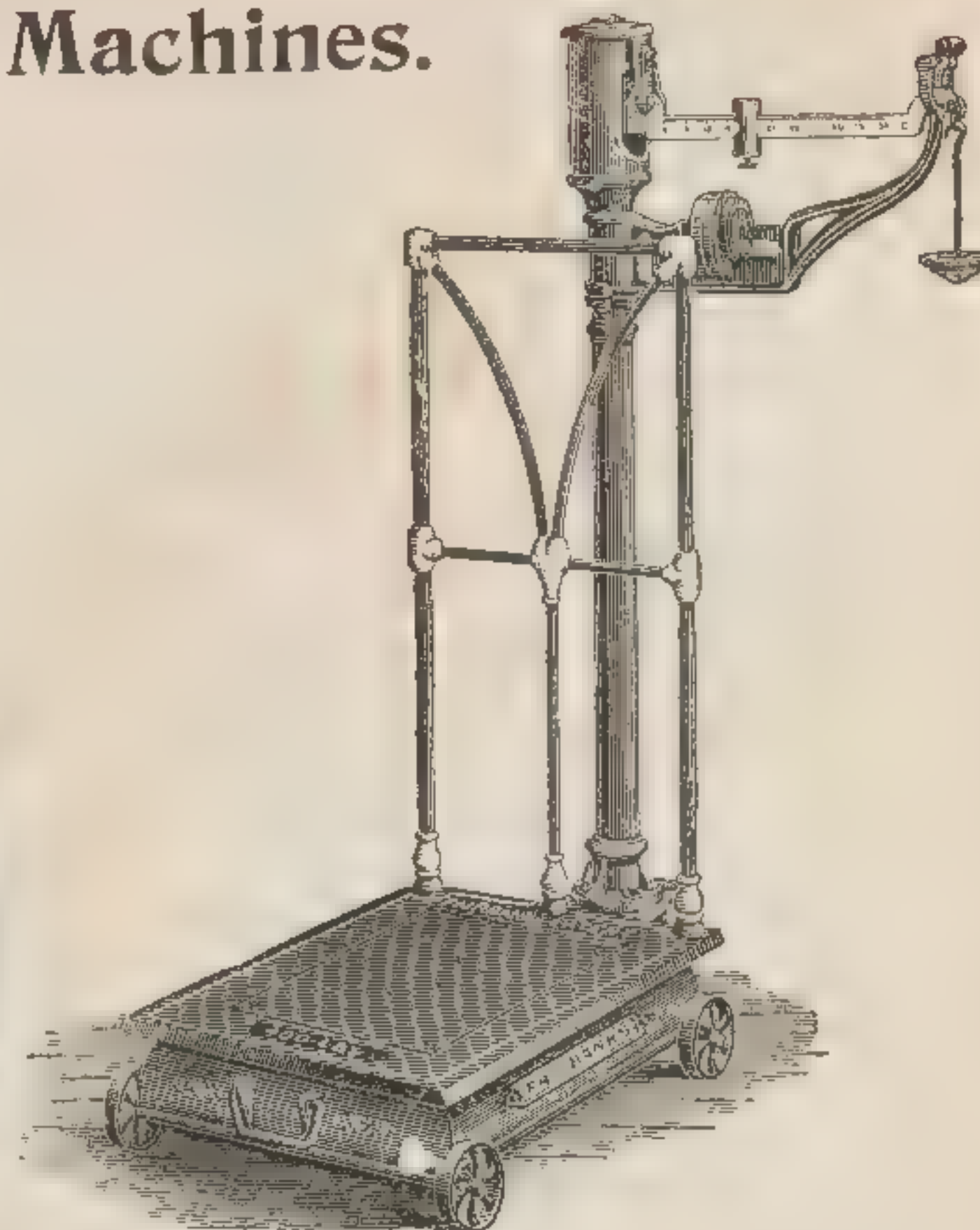
Size of Platf'm } 42 x 30, 50 x 32 inches.



AVERY'S WEIGHING MACHINE.

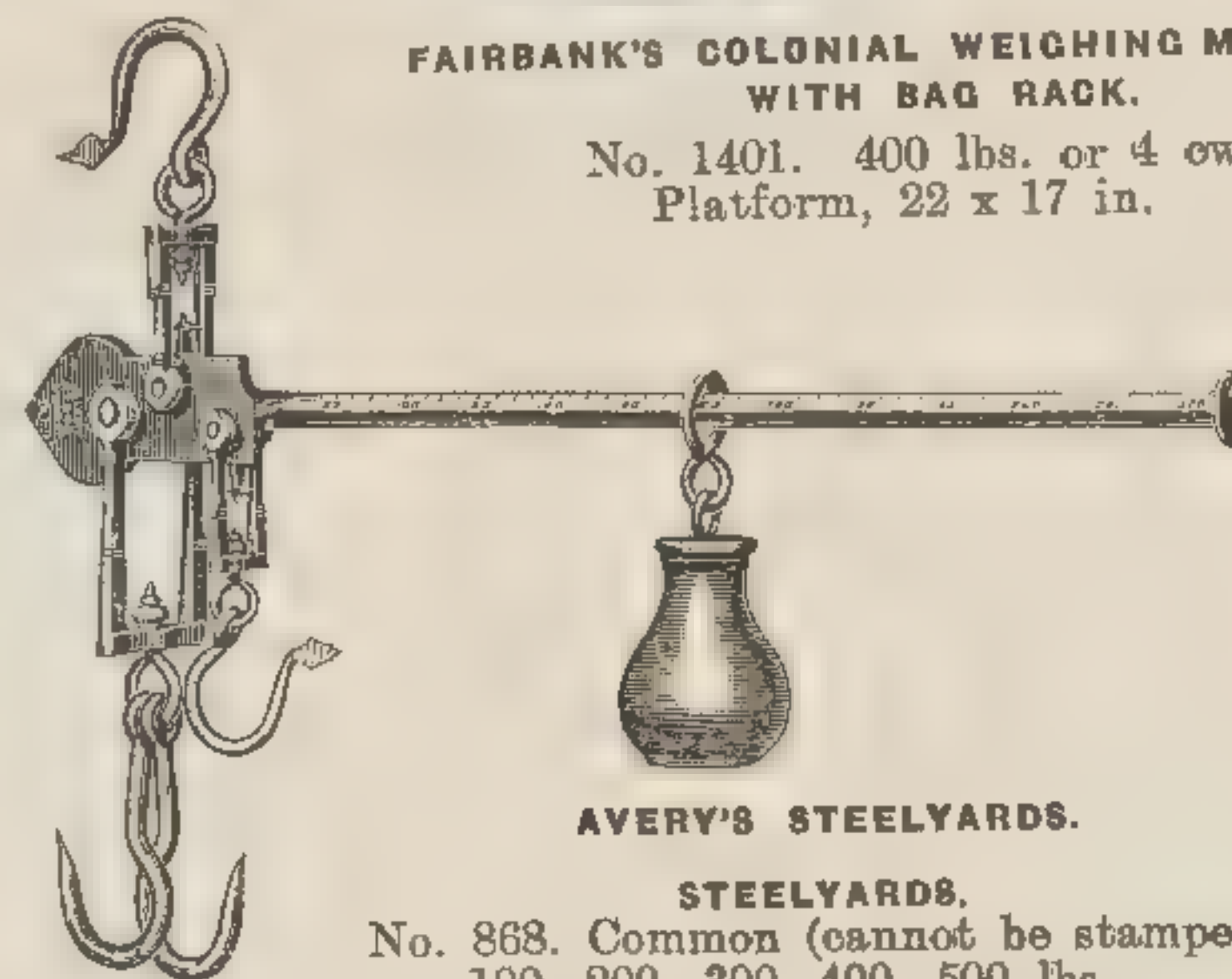
No. 104.

Size of Platf'm } 3, 4, 5, 7, 10, 20 cwt.
20 x 22, 22 x 25, 25 x 26, 40 x 30, 50 x 32, 57 x 38 in.



FAIRBANK'S COLONIAL WEIGHING MACHINE, WITH BAG RACK.

No. 1401. 400 lbs. or 4 cwt.
Platform, 22 x 17 in.



AVERY'S STEELYARDS.

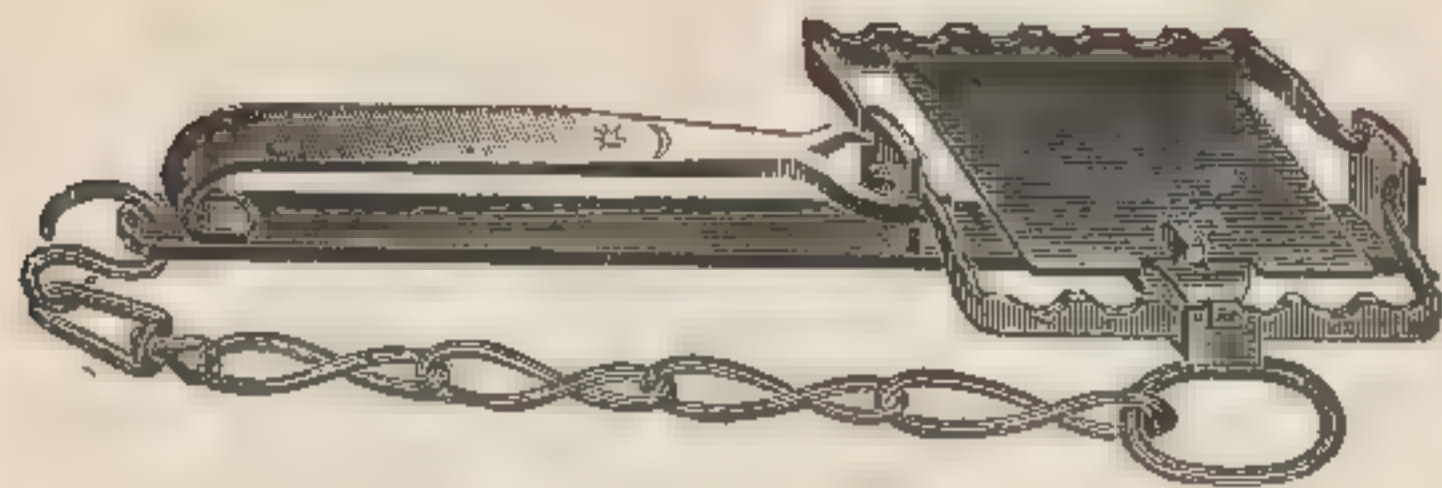
STEELYARDS.

No. 868. Common (cannot be stamped)
100, 200, 300, 400, 500 lbs.

No. 871. Patent, with Iron Ball.
100, 200, 300, 400, 500 lbs.

EXTRA PARTS OF SCALES AND WEIGHING MACHINES CAN BE SUPPLIED.

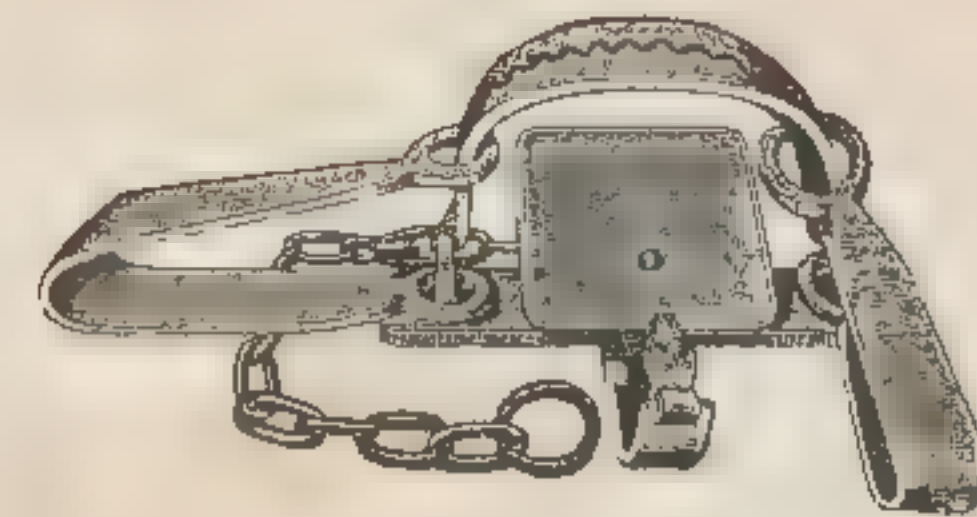
Traps.



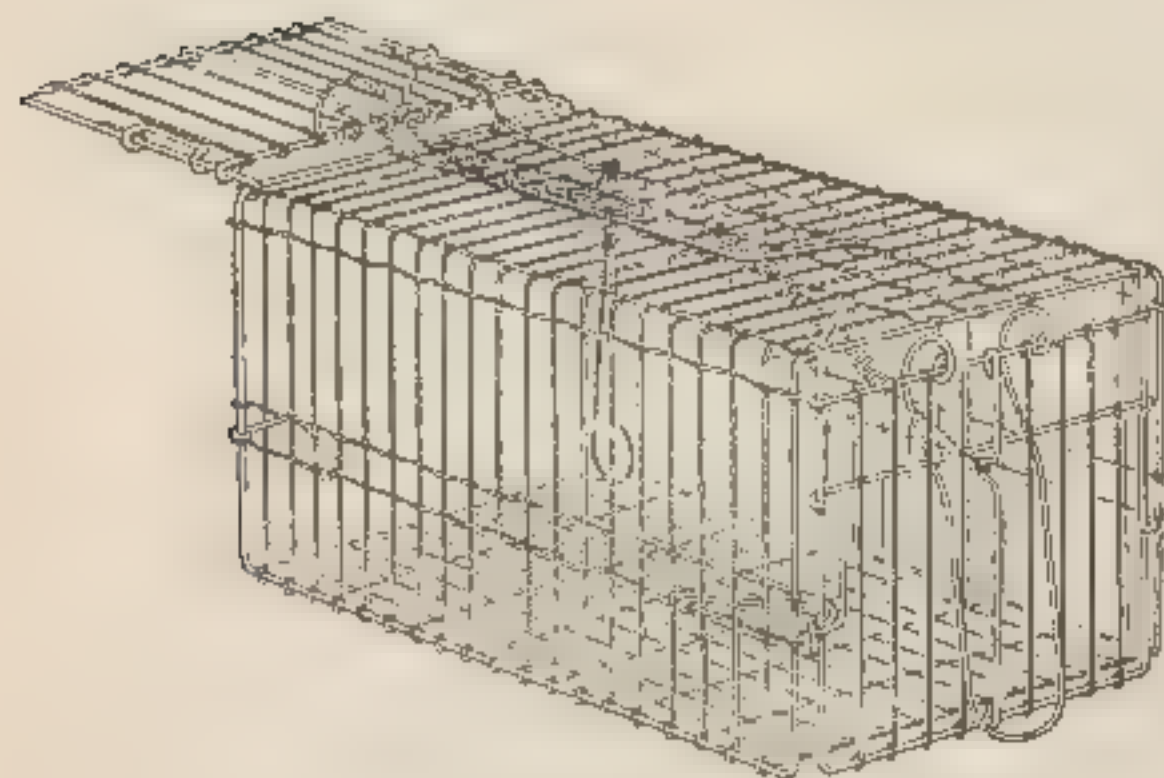
RABBIT TRAPS. 4, 4½ inch.
Griffith's, I.X.L., Tonk's and Sidebotham's.



DOUBLE FIXED SPRING DOG TRAP.
8, 9, 10 inch.



DOUBLE FOLDING SPRING DOG TRAP.
Round or Square Jaws, 8, 9, 10 inch.



OBLONG GALVANIZED WIRE RAT TRAP.
11, 13, 15 in. long.



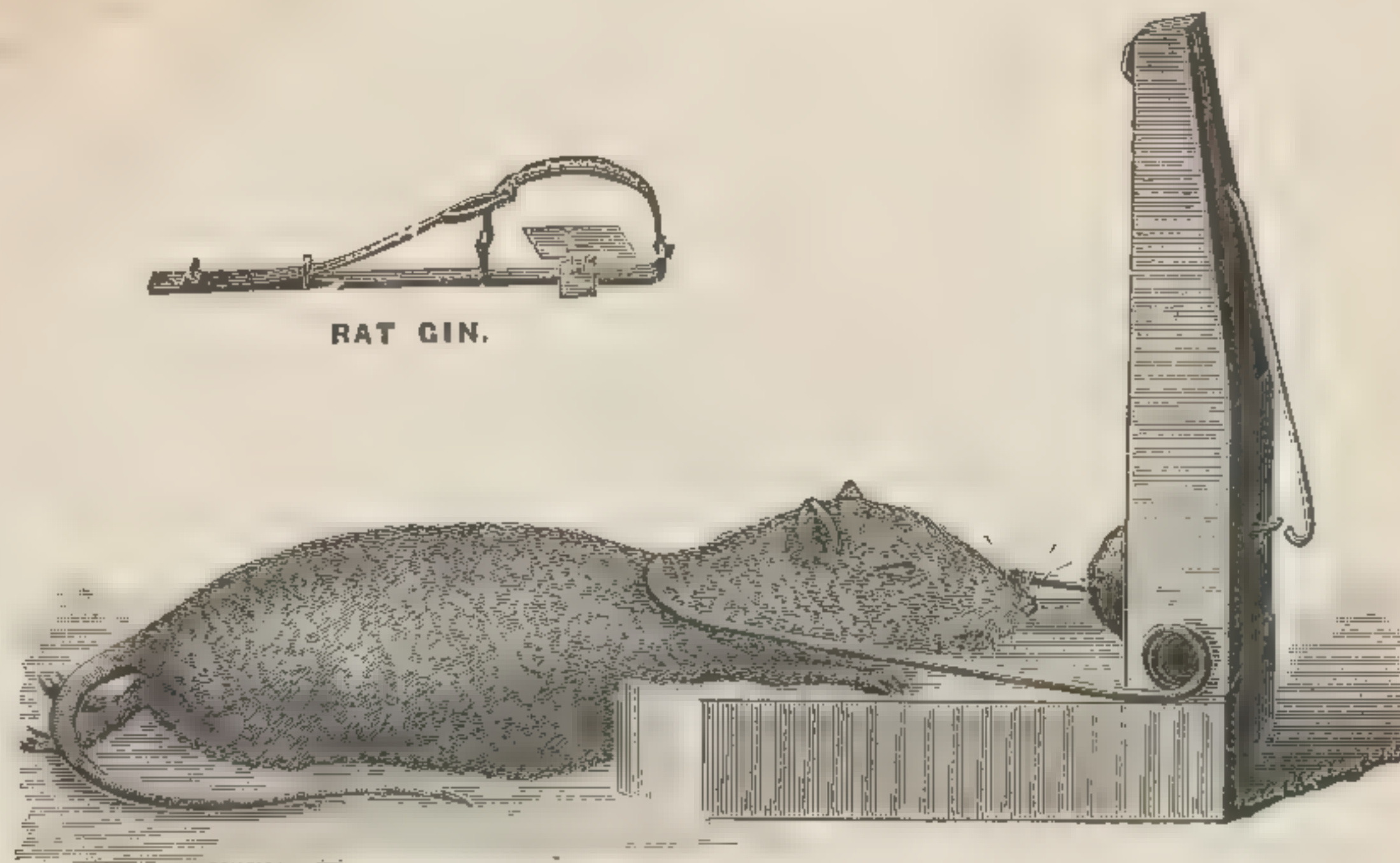
RABBIT PIT TRAPS—All Steel.



RAT GIN.



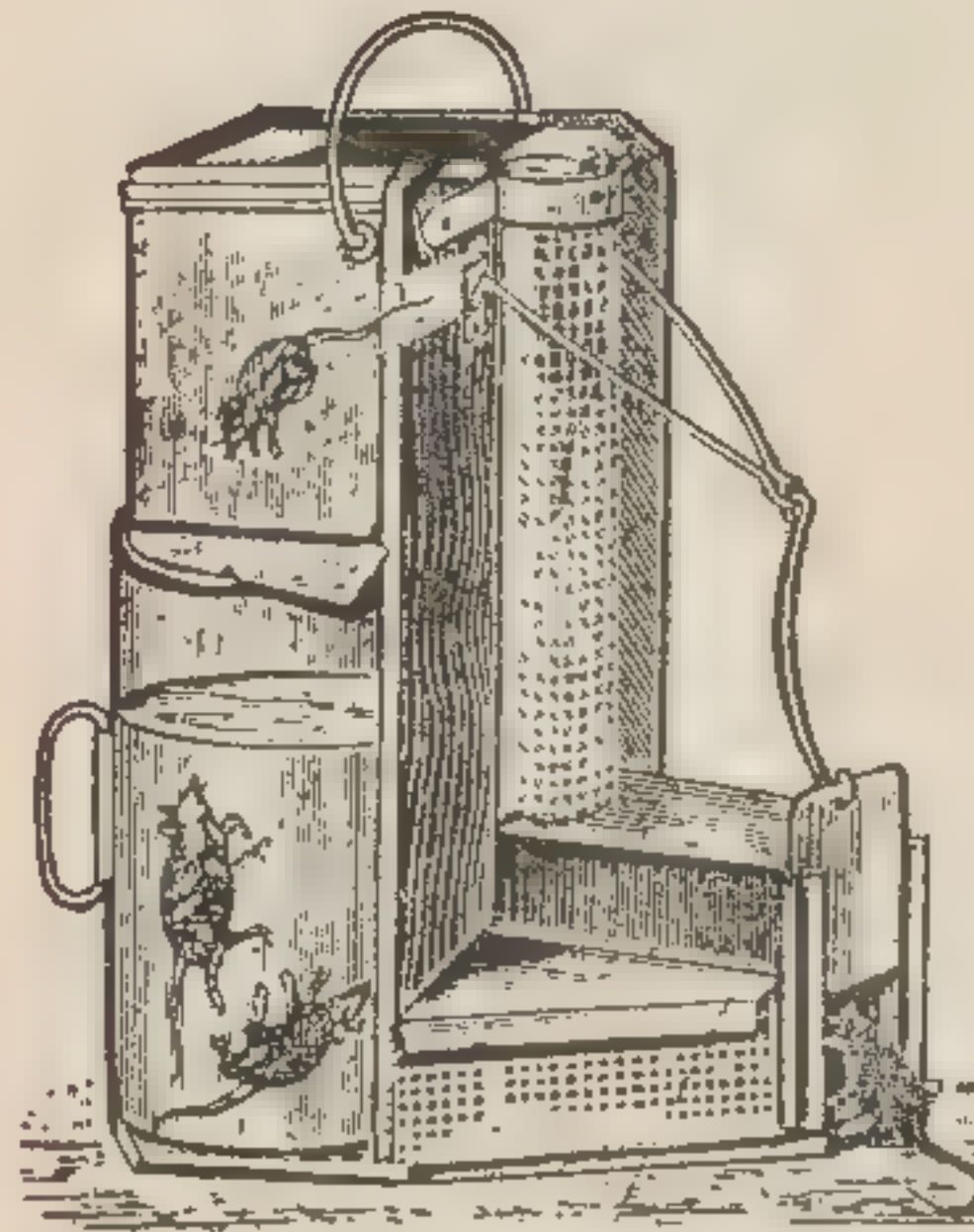
"WONDER" GALVANIZED WIRE RAT TRAP.



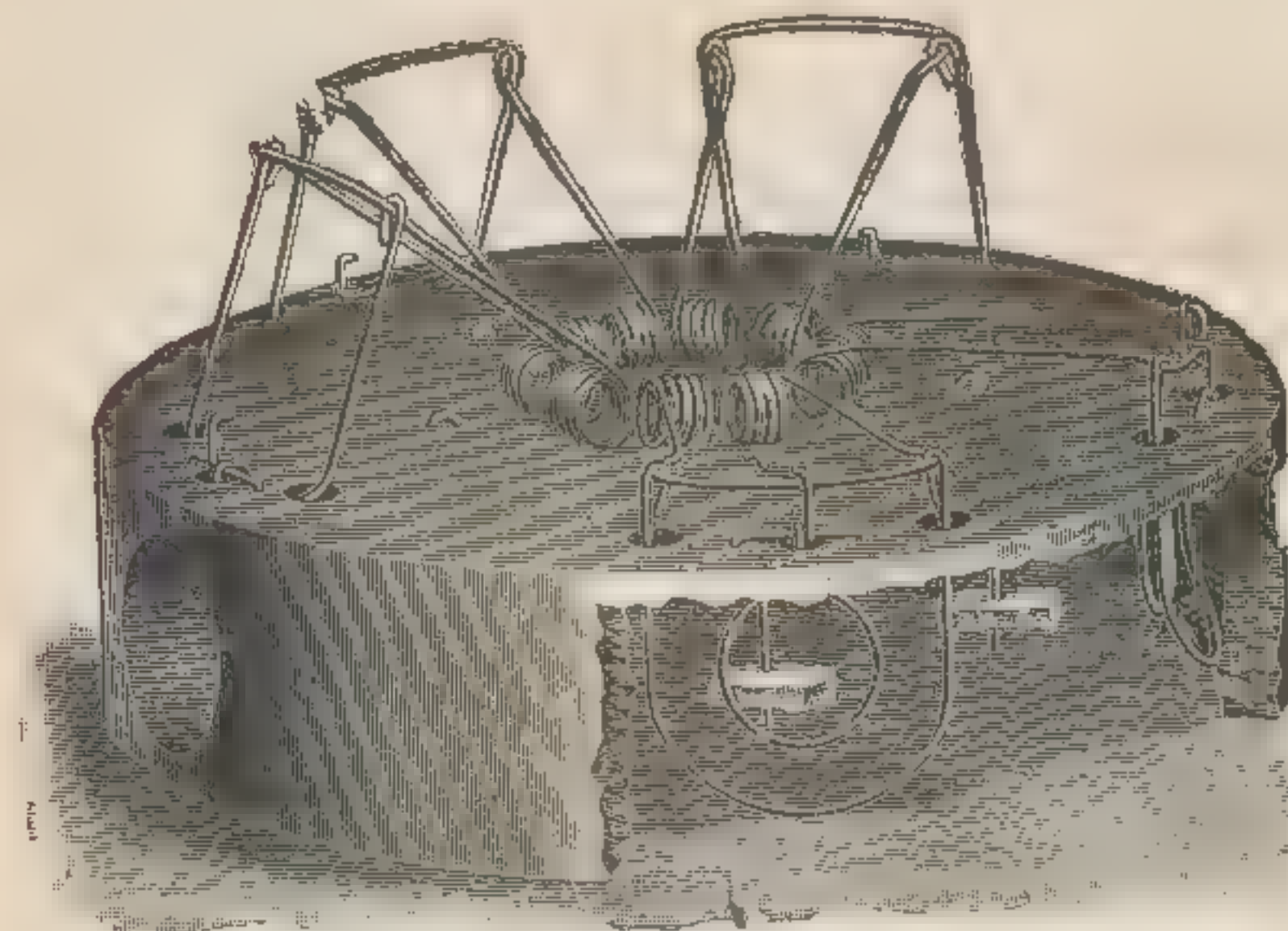
THE ERIE OR STAR RAT TRAP.

THE PERPETUAL MOUSE TRAPS. BALLOON FLY TRAPS, BIRD TRAPS, with 1, 2, 4, 8, doors
TANGLEFOOT, 25 SHEETS IN BOX. 10 BOXES IN CASE.
HYDRO-CARBON.
S.A.P. RABBIT POISON.

Traps—Continued.



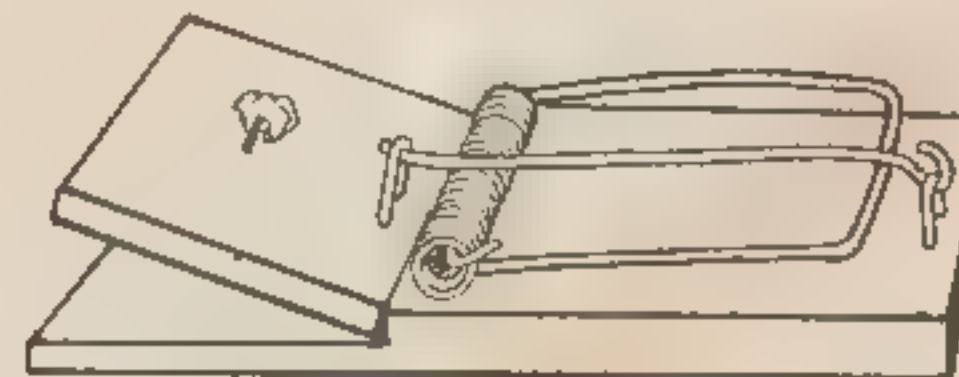
CAPITO SELF SETTING MOUSE TRAP.



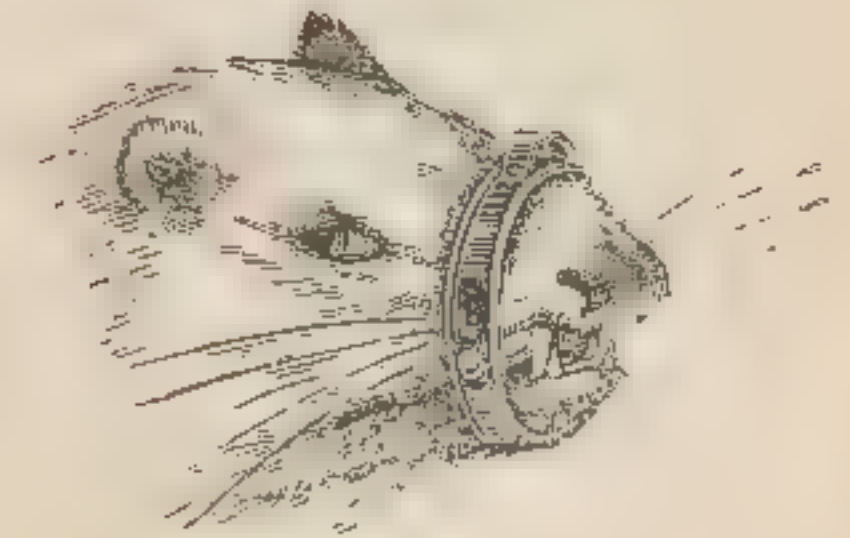
ROUND WOOD MOUSE TRAP.
5, 6 hole. Patent Fasteners.
Round Wood, 4, 5, 6 hole.
Hotchkiss Round Tin. 5 hole do.



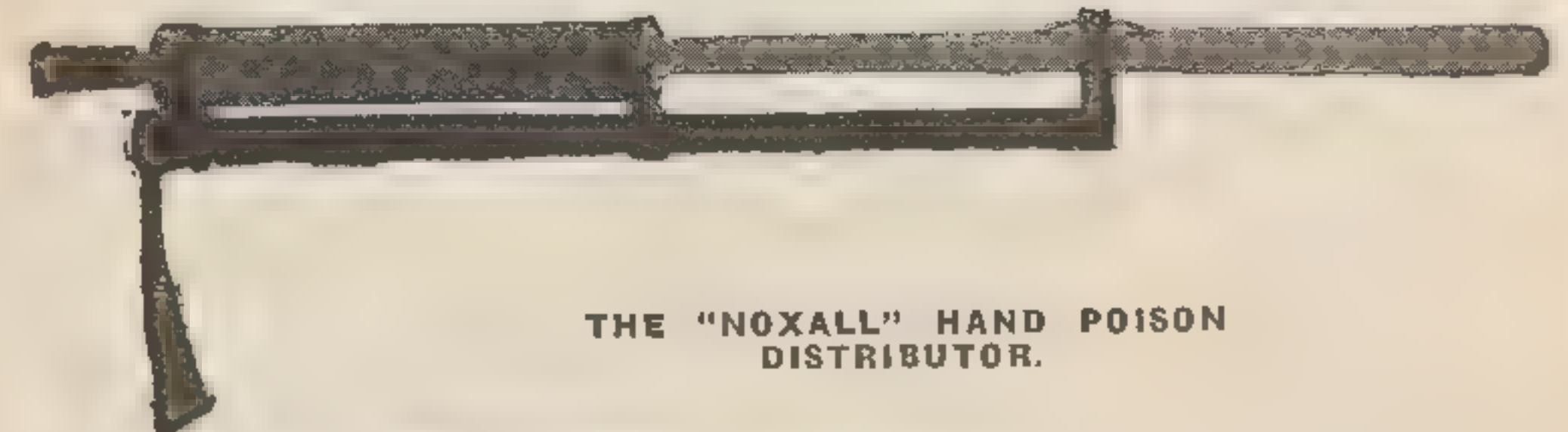
THE REX MOUSE TRAP.
Also " " RAT. "



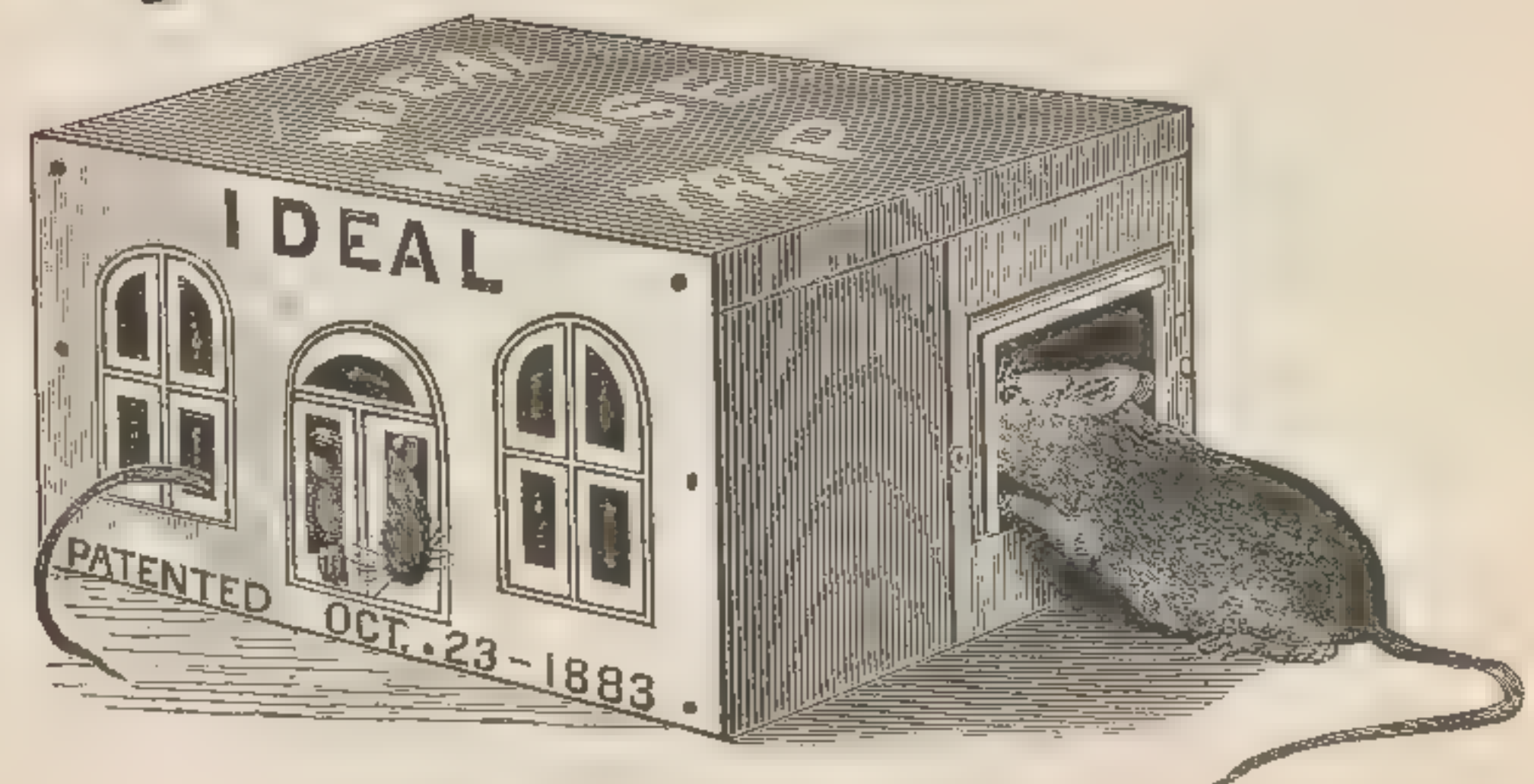
LITTLE NIPPER MOUSE TRAP.



FERRET MUZZLE



THE "NOXALL" HAND POISON
DISTRIBUTOR.



THE IDEAL OR DELUSION MOUSE TRAP.

Galvanized Iron.

3 INCH CORRUGATIONS, DAGGER ... 26 gauge

Orb ... 22, 24, 26 ..

Redcliffe Crown, 24, 26 ..

And other Brands.

1 INCH CORRUGATIONS, Orb, 26, 28 gauge.

Iron can be curved to any radius. All 27 inches wide, covering 24 inches, including lap.

Approximate number of Sheets in Case weighing about 10 cwt. :-

3 inch Corrugations	...	5	6	7	8	9	10 feet.
26 gauge		118	98	84	74	65	59
24 "		83	69	59	52	46	41
22 "		65	55	48	41	36	33
1 inch "		28	—	110	94	84	76
		26	118	28	83	73	65

Approximate Price per Sheet (3 inch Corrugations), based on given rates per ton.

24-G.							26-G.						
Price per ton.							Price per ton.						
£ s. d.	5	6	7	8	9	10	£ s. d.	5	6	7	8	9	10ft.
18 0 0	2/2	2/7	3/1	3/6	3/11	4/4	18 0 0	1/6	1/10	2/2	2/6	2/9	3/1
18 10 0	2/3	2/8	3/2	3/7	4/0	4/5	18 10 0	1/7	1/11	2/2	2/6	2/10	3/2
19 0 0	2/3	2/9	3/3	3/8	4/2	4/7	19 0 0	1/7	1/11	2/3	2/7	2/11	3/3
19 10 0	2/4	2/10	3/4	3/9	4/3	4/8	19 10 0	1/8	2/0	2/4	2/8	3/0	3/4
20 0 0	2/5	2/11	3/5	3/10	4/4	4/10	20 0 0	1/8	2/0	2/5	2/9	3/1	3/5
20 10 0	2/6	3/0	3/6	3/11	4/5	4/11	20 10 0	1/9	2/1	2/5	2/10	3/2	3/6
21 0 0	2/6	3/1	3/7	4/0	4/7	5/1	21 0 0	1/9	2/1	2/6	2/11	3/3	3/7
21 10 0	2/7	3/1	3/8	4/2	4/8	5/2	21 10 0	1/10	2/2	2/7	2/11	3/4	3/8
22 0 0	2/8	3/2	3/9	4/3	4/9	5/4	22 0 0	1/10	2/3	2/7	3/0	3/5	3/9
22 10 0	2/9	3/3	3/10	4/4	4/11	5/5	22 10 0	1/11	2/4	2/8	3/1	3/6	3/10
23 0 0	2/9	3/4	3/11	4/5	5/0	5/7	23 0 0	1/11	2/4	2/9	3/2	3/6	3/11
23 10 0	2/10	3/5	4/0	4/6	5/1	5/8	23 10 0	2/0	2/5	2/10	3/3	3/7	4/0
24 0 0	2/11	3/6	4/1	4/7	5/3	5/9	24 0 0	2/0	2/5	2/10	3/3	3/8	4/1
24 10 0	2/11	3/7	4/2	4/9	5/4	5/11	24 10 0	2/1	2/6	2/11	3/4	3/9	4/2
25 0 0	3/0	3/7	4/3	4/10	5/5	6/0	25 0 0	2/1	2/7	3/0	3/5	3/10	4/3
25 10 0	3/1	3/8	4/4	4/11	5/7	6/2	25 10 0	2/2	2/7	3/0	3/6	3/11	4/4
26 0 0	3/2	3/9	4/5	5/0	5/8	6/3	26 0 0	2/2	2/8	3/1	3/7	4/0	4/5

PLAIN GALVANIZED IRON.

Queen's Head and Fleur de Lis.

72 inch long, x 24, 30, 36 inch wide.

Queen's Head ... 16, 18, 20, 22, 24, 26, 28 gauge.

Fleur de Lis ... 24, 26, 28 gauge.

Approximate number of 6 ft. sheets to a case, Plain Iron averaging about 40 cwt.

Approximate weight per sheet 6 feet long in lbs.

Gauge	Width.			Gauge	Width.		
	24	30	36		24	30	36
16 g	37	29	24 shts.	16 g	32	40	48 lbs.
18 g	46	36	30 "	18 g	25	29	36 "
20 g	60	48	40 "	20 g	20	25	29 "
22 g	72	57	48 "	22 g	17	19	23 "
24 g	89	71	59 "	24 g	12	16	19 "
26 g	120	97	80 "	26 g	9	12	14 "
28 g	137	110	90 "	28 g	8	11	13 "

Wire.

Black Varnished Fencing Wire.

In 1 cwt. Coils.			Two Coils in a Bundle.			American and Continental.														
Nos.			4			6			8			10			12			14 gauge.		
255			361			509			747			1244			2240 yards.					
Number of Yards to a Cwt.			Cwt. Qrs. Lbs.			Cwt. Qrs. Lbs.			Cwts. Qrs. Lbs.			Cwt. Qrs. Lbs.			Cwt. Qrs. Lbs.					
Weight of Single Wire per Mile			6 3 17			4 3 14			3 1 23			2 1 12			0 3 14			0 2 0		

Galvanized Fencing Wire, in 1 cwt. Coils.

Nos.	4	6	8	10	12	14	16	18 gauge.
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Birmingham Wire Gauges, Comparative Sizes.

	8	10	12	14	16	18	20	22	gauges.
3-16 full.	3-16 bare.	$\frac{1}{8}$ full.	$\frac{1}{8}$ bare.	3-32	1-16	1-16 bare.	1-32 full.	1-32	inch.



Galvanized Barbed Fencing Wire.

Iowa Pattern. English, American, Colonial. 4 barbs, close set.

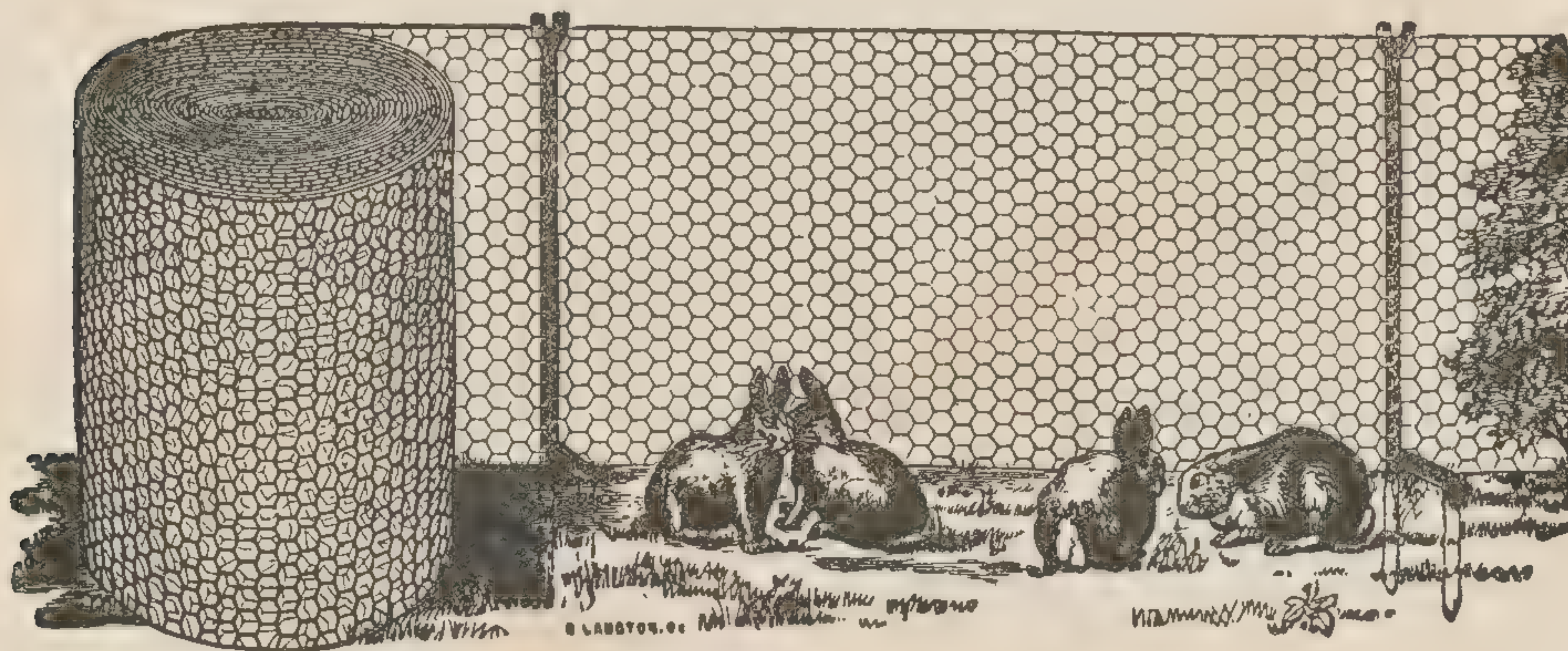
			12	14 gauge.
Approximate Number of Yards per Cwt.			450	710
(Long Distance)			620	930

Various Wires.

Galvanized in 7, 14, 28 lb Coils	...	...	Gauges	16	17	18							
Galvanized, in 1 lb. Coils	..	...	„	12	14	16	17	18	20	22	24		
Tinman's in 56 lb Coils	...	...	„	2	4	6	8	10	12	14	16		
Brass, $\frac{1}{2}$ and 1 lb. Coils and $\frac{1}{4}$ lb. Reels	...	...	„	12	14	16	18	20	22	24			
„ Hard, in 1 lb. Coils	...	...	„	4	6	8	10	12	14	16			
Copper, $\frac{1}{2}$ and 1 lb. Coils and $\frac{1}{4}$ lb. Reels	...	...	„	12	14	16	18	20	22	24	26		

Annealed Snaring, $\frac{1}{2}$ and 1 lb. Coils	Gauges	16	18	20	22	24	26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Galvanized Wire Netting.—Lysaght's, English and Continental.



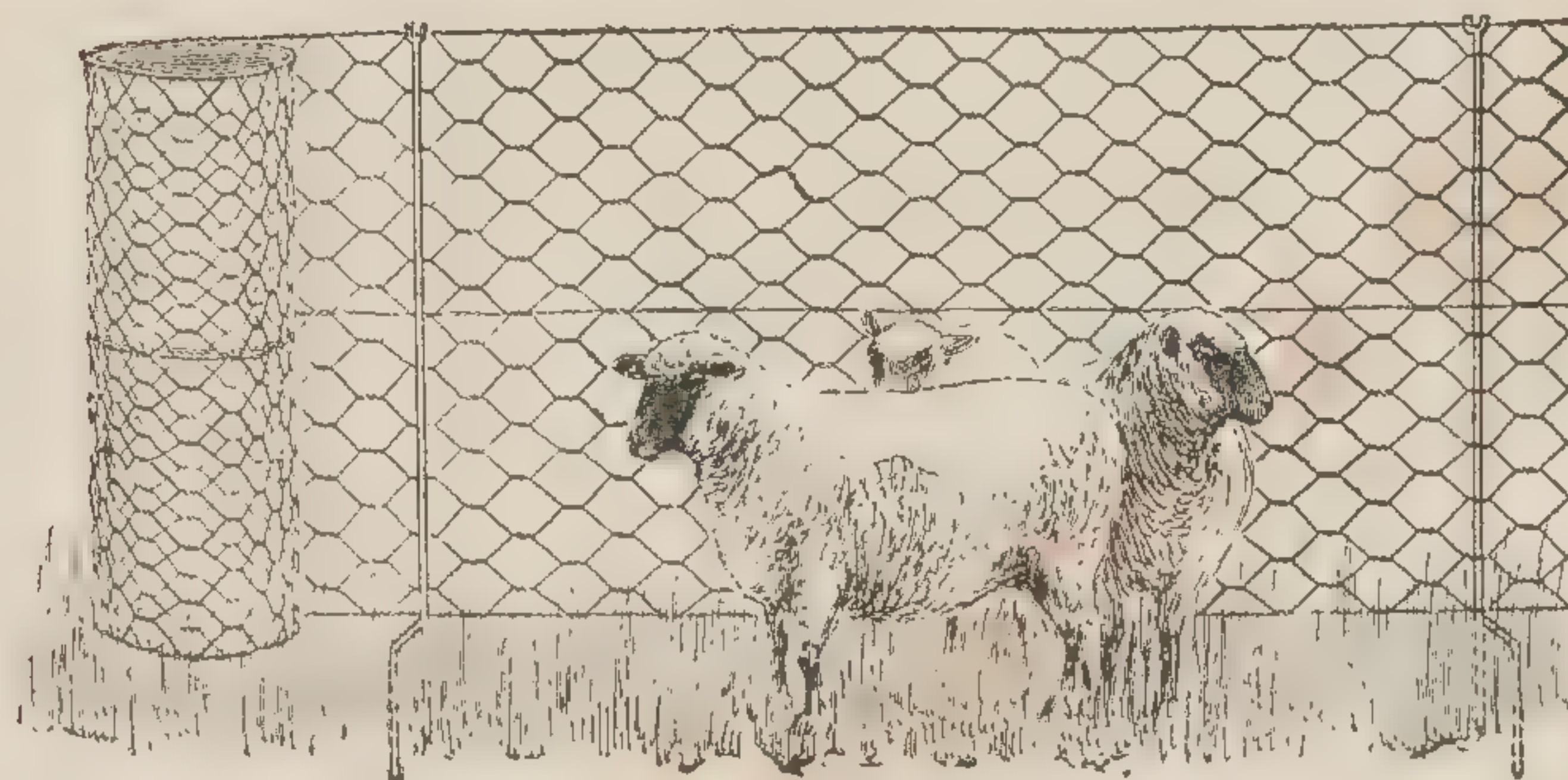
Lysaght's Standard Sizes.

RABBIT PROOF.

Sold at per Mile only.

Class and Size.	36in. Wide Meshes in Width.	Approximate Weight per Mile.				Class and Size.	42in. Wide Meshes in Width.	Approximate Weight per Mile.			
		Tons	cwt.	qrs.	lbs.			Tons	cwt.	qrs.	lbs.
A—1 $\frac{1}{4}$ x 17	27 $\frac{1}{2}$	1	8	0	0	A—1 $\frac{1}{4}$ x 17	31 $\frac{1}{2}$	1	12	0	0
B—1 $\frac{1}{4}$ x 17	27 $\frac{1}{2}$	1	5	0	0	B—1 $\frac{1}{4}$ x 17	31 $\frac{1}{2}$	1	9	0	0
A—1 $\frac{1}{2}$ x 17	23 $\frac{1}{2}$	1	3	2	0	A—1 $\frac{1}{2}$ x 17	27 $\frac{1}{2}$	1	8	0	0
B—1 $\frac{1}{2}$ x 17	23 $\frac{1}{2}$	1	1	2	0	B—1 $\frac{1}{2}$ x 17	27 $\frac{1}{2}$	1	5	0	0
A—1 $\frac{3}{8}$ x 17	20 $\frac{1}{2}$	1	1	0	0	A—1 $\frac{3}{8}$ x 17	24 $\frac{1}{2}$	1	3	2	0
B—1 $\frac{3}{8}$ x 17	20 $\frac{1}{2}$		18	2	0	B—1 $\frac{3}{8}$ x 17	24 $\frac{1}{2}$	1	1	2	0
1 $\frac{1}{4}$ x 18	27 $\frac{1}{2}$		18	0	0	1 $\frac{1}{4}$ x 18	31 $\frac{1}{2}$	1	1	2	0
1 $\frac{1}{2}$ x 18	23 $\frac{1}{2}$		16	0	0	1 $\frac{1}{2}$ x 18	27 $\frac{1}{2}$		19	0	0
1 $\frac{3}{8}$ x 18	20 $\frac{1}{2}$		14	0	0	1 $\frac{3}{8}$ x 18	24 $\frac{1}{2}$		16	2	0

Galvanized Wire Netting (Continued.)



Stock Sizes.—English Roll List.

Size	No of Meshes in Width	Weight p Mile Approximate.	Price per Roll of 50 yards Gross	Price per Mile Gross.	Size.	No of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 Yards Gross.	Price per Mile Gross.
IN.		Tons cwt qrs. lbs.	£ s. d.	£ s. d.	IN.		Tons cwt qrs. lbs.	£ s. d.	£ s. d.
12 x 1/2 x 22	19 1/2	7 0 0	0 14 6	25 10 6	12 x 3/4 x 20	14 1/2	6 1 0	9 3	16 5 8
18 x 1/2 x 22	29 1/2	10 2 0	1 0 11	36 16 4	18 x 3/4 x 20	21 1/2	9 1 0	13 2	23 3 6
24 x 1/2 x 22	39 1/2	14 1 0	1 7 2	47 16 4	24 x 3/4 x 20	28 1/2	12 2 0	16 10	29 12 6
30 x 1/2 x 22	48 1/2	17 2 0	1 13 2	58 7 6	30 x 3/4 x 20	34 1/2	15 3 0	1 0 6	36 1 8
36 x 1/2 x 22	58 1/2	1 0 3 0	1 19 9	69 19 3	36 x 3/4 x 20	41 1/2	17 3 0	1 4 0	42 4 10
42 x 1/2 x 22	67 1/2	1 5 0 0	2 6 5	81 13 10	42 x 3/4 x 20	48 1/2	1 0 2 0	1 8 0	49 5 8
48 x 1/2 x 22	77 1/2	1 8 3 0	2 13 0	93 5 8	48 x 3/4 x 20	55 1/2	1 3 1 0	1 12 0	56 6 6
60 x 1/2 x 22	96 1/2	1 15 0 0	3 6 4	116 15 0	60 x 3/4 x 20	69 1/2	1 10 2 0	2 0 0	70 8 0
					72 x 3/4 x 20	83 1/2	1 15 3 0	2 8 0	84 9 7
12 x 1 x 20	19 1/2	9 0 0	17 7	30 19 0	12 x 3/4 x 19	14 1/2	8 2 0	11 10	20 16 6
18 x 1 x 20	29 1/2	13 2 0	1 5 3	44 8 10	18 x 3/4 x 19	21 1/2	12 3 0	17 0	29 18 4
24 x 1 x 20	39 1/2	18 0 0	1 12 10	57 15 9	24 x 3/4 x 19	28 1/2	16 3 0	1 1 6	37 16 10
30 x 1 x 20	48 1/2	1 2 3 0	2 0 0	70 8 0	30 x 3/4 x 19	34 1/2	1 0 3 0	1 6 4	46 6 11
36 x 1 x 20	58 1/2	1 6 3 0	2 8 0	84 9 7	36 x 3/4 x 19	41 1/2	1 4 3 0	1 10 9	54 2 5
42 x 1 x 20	67 1/2	1 11 3 0	2 16 0	98 11 3	42 x 3/4 x 19	48 1/2	1 8 2 0	1 15 11	63 4 4
48 x 1 x 20	77 1/2	1 15 2 0	3 4 0	112 12 10	48 x 3/4 x 19	55 1/2	1 12 1 0	2 1 0	72 3 2
60 x 1 x 20	96 1/2	2 5 0 0	4 0 0	140 16 0	60 x 3/4 x 19	69 1/2	2 1 2 0	2 11 4	90 7 0
					72 x 3/4 x 19	83 1/2	2 9 2 9	3 1 6	108 4 10

Galvanized Wire Netting—Continued.

Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 yards Gross.	Price per Mile Gross.	Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 Yards Gross.	Price per Mile Gross.
IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.	IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.
12 x 1 x 20	11½	4 3 0	7 5	13 1 1	12 x 1½ x 17	9½	9 1 0	11 4	19 18 11
18 x 1 x 20	17½	7 1 0	10 7	18 12 6	18 x 1½ x 17	13½	14 0 0	16 4	28 14 11
24 x 1 x 20	23½	9 2 0	13 5	23 12 4	24 x 1½ x 17	18½	18 2 0	1 0 9	36 10 5
30 x 1 x 20	29½	12 0 0	16 5	28 17 10	30 x 1½ x 17	22½	1 3 1 0	1 5 1	44 2 11
36 x 1 x 20	34½	14 2 0	19 2	33 14 8	36 x 1½ x 17	27½	1 8 0 0	1 9 0	51 0 10
42 x 1 x 20	40½	16 3 0	1 2 4	39 6 2	42 x 1½ x 17	31½	1 12 0 0	1 13 10	59 10 11
48 x 1 x 20	45½	19 1 0	1 5 6	44 17 8	48 x 1½ x 17	36½	1 17 1 0	1 18 8	68 1 3
					60 x 1½ x 17	44½	2 6 2 0	2 8 4	85 1 4
					72 x 1½ x 17	53½	2 16 2 0	2 18 0	102 1 9
12 x 1 x 19	11½	6 2 0	8 10	15 11 0	12 x 1½ x 16	9½	10 3 0	15 3	26 16 11
18 x 1 x 19	17½	9 2 0	12 8	22 5 10	18 x 1½ x 16	13½	16 2 0	1 1 11	38 11 6
24 x 1 x 19	23½	12 2 0	16 1	28 6 2	24 x 1½ x 16	18½	1 1 3 0	1 8 0	49 5 7
30 x 1 x 19	29½	15 1 0	19 8	34 12 3	30 x 1½ x 16	22½	1 7 1 0	1 13 9	59 8 0
36 x 1 x 19	34½	19 1 0	1 3 0	40 9 8	36 x 1½ x 16	27½	1 12 3 0	1 19 0	68 12 10
42 x 1 x 19	40½	1 1 3 0	1 6 10	47 4 7	42 x 1½ x 16	31½	1 18 1 0	2 5 6	80 1 7
48 x 1 x 19	45½	1 4 1 0	1 10 8	53 19 6	48 x 1½ x 16	36½	2 3 3 0	2 12 0	91 10 5
					60 x 1½ x 16	44½	2 15 3 0	3 5 0	114 8 0
					72 x 1½ x 16	53½	3 5 2 0	3 18 0	137 5 9
12 x 1 x 18	11½	8 0 0	10 9	18 18 5	12 x 1½ x 19	8½	4 3 0	5 7	9 16 6
18 x 1 x 18	17½	12 0 0	15 5	27 2 8	18 x 1½ x 19	11½	6 0 0	8 1	14 4 6
24 x 1 x 18	23½	16 0 0	19 7	34 9 4	24 x 1½ x 19	15½	8 2 0	10 3	18 0 10
30 x 1 x 18	29½	1 0 0 0	1 3 11	42 1 10	30 x 1½ x 19	19½	10 1 0	12 4	21 14 2
36 x 1 x 18	34½	1 4 0 0	1 8 0	49 5 8	36 x 1½ x 19	23½	12 1 0	14 3	25 1 8
42 x 1 x 18	40½	1 8 0 0	1 12 8	57 9 10	42 x 1½ x 19	27½	14 1 0	16 8	29 6 8
48 x 1 x 18	45½	1 12 0 0	1 17 4	65 14 2	48 x 1½ x 19	30½	15 3 0	19 0	33 8 10
					60 x 1½ x 19	37½	1 2 0 0	1 3 9	41 16 0
					72 x 1½ x 19	45½	1 4 3 0	1 8 6	50 3 2
12 x 1½ x 19	9½	4 2 0	7 1	12 9 4	12 x 1½ x 18	8½	5 2 0	7 1	12 9 4
18 x 1½ x 19	13½	7 0 0	10 2	17 17 10	18 x 1½ x 18	11½	7 2 0	10 2	17 17 10
24 x 1½ x 19	18½	9 1 0	12 11	22 14 8	24 x 1½ x 18	15½	11 1 0	12 11	22 14 8
30 x 1½ x 19	22½	11 2 0	15 7	27 8 6	30 x 1½ x 18	19½	14 0 0	15 7	27 8 6
36 x 1½ x 19	27½	14 0 0	18 0	31 13 7	36 x 1½ x 18	23½	16 2 0	18 0	31 13 8
42 x 1½ x 19	31½	16 1 0	1 1 0	36 19 2	42 x 1½ x 18	27½	19 2 0	1 1 0	36 19 2
48 x 1½ x 19	36½	18 3 0	1 4 0	42 4 10	48 x 1½ x 18	30½	1 1 2 0	1 4 0	42 4 10
60 x 1½ x 19	44½	1 4 0 0	1 10 0	52 16 0	60 x 1½ x 18	37½	1 8 1 0	1 10 0	52 16 0
72 x 1½ x 19	53½	1 8 0 0	1 16 0	63 7 3	72 x 1½ x 18	45½	1 11 3 0	1 16 0	63 7 2
12 x 1½ x 18	9½	6 0 0	8 8	15 5 3	12 x 1½ x 17	8½	8 0 0	9 3	16 5 8
18 x 1½ x 18	13½	9 0 0	12 5	21 17 1	18 x 1½ x 17	11½	12 0 0	13 3	23 6 4
24 x 1½ x 18	18½	12 0 0	15 9	27 14 5	24 x 1½ x 17	15½	16 0 0	16 10	29 12 6
30 x 1½ x 18	22½	15 0 0	19 1	33 11 9	30 x 1½ x 17	19½	1 0 0 0	1 0 4	35 15 9
36 x 1½ x 18	27½	18 0 0	1 2 0	38 14 5	36 x 1½ x 17	23½	1 4 0 0	1 3 6	41 7 2
42 x 1½ x 18	31½	1 1 0 0	1 5 8	45 3 6	42 x 1½ x 17	27½	1 8 0 0	1 7 5	48 5 0
48 x 1½ x 18	36½	1 4 0 0	1 9 4	51 12 6	48 x 1½ x 17	30½	1 12 0 0	1 11 4	55 3 0
60 x 1½ x 18	44½	1 10 3 0	1 16 8	64 10 8	60 x 1½ x 17	37½	2 0 0 0	1 19 2	68 18 8
72 x 1½ x 18	53½	1 15 2 0	2 4 0	77 8 10	72 x 1½ x 17	45½	2 8 0 0	2 7 0	82 14 4

Galvanized Wire Netting—Continued.

Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 yards Gross	Price per Mile Gross.	Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 Yards Gross	Price per Mile Gross.
IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.	IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.
12 x 1½ x 16	8½	9 3 0	11 9	20 13 8	12 x 2 x 19	6½	3 3 0	4 5	7 15 6
18 x 1½ x 16	11½	14 3 0	16 11	29 15 6	18 x 2 x 19	8½	5 2 0	6 4	11 3 0
24 x 1½ x 16	13½	19 2 0	1 1 6	37 16 10	24 x 2 x 19	11½	6 1 0	8 1	14 4 6
30 x 1½ x 16	19½	1 4 2 0	1 5 11	45 12 4	30 x 2 x 19	14½	8 2 0	9 8	17 0 3
36 x 1½ x 16	23½	1 9 2 0	1 10 0	52 16 0	36 x 2 x 19	17½	9 1 0	11 0	19 7 3
42 x 1½ x 16	27½	1 13 1 0	1 15 0	61 12 0	42 x 2 x 19	20½	10 3 0	12 10	22 11 9
48 x 1½ x 16	30½	1 16 2 0	2 0 0	70 8 0	48 x 2 x 19	22½	12 0 0	14 8	25 16 3
60 x 1½ x 16	37½	2 9 0 0	2 10 0	88 0 0	60 x 2 x 19	28½	14 3 0	18 4	32 5 6
72 x 1½ x 16	45½	2 18 0 0	3 0 0	105 12 0	72 x 2 x 19	34½	17 3 0	1 2 0	38 14 6
12 x 1 x 19	7½	3 3 0	5 2	9 1 10	12 x 2 x 18	6½	4 0 0	5 7	9 16 6
18 x 1 x 19	10½	5 2 0	7 5	13 1 1	18 x 2 x 18	8½	5 3 0	8 1	14 4 6
24 x 1 x 19	14½	7 2 0	9 5	16 11 6	24 x 2 x 18	11½	7 3 0	10 3	18 1 0
30 x 1 x 19	17½	9 1 0	11 5	20 1 10	30 x 2 x 18	14½	10 1 0	12 3	21 11 3
36 x 1 x 19	20½	11 1 0	13 2	23 3 6	36 x 2 x 18	17½	12 1 0	14 0	24 13 0
42 x 1 x 19	24½	13 1 0	15 4	26 19 9	42 x 2 x 18	20½	13 1 0	16 4	28 15 0
48 x 1 x 19	27½	15 1 0	17 6	30 16 0	48 x 2 x 18	22½	14 1 0	18 8	32 17 3
60 x 1 x 19	34½	19 0 0	1 1 11	38 11 5	60 x 2 x 18	28½	19 3 0	1 3 4	41 1 6
72 x 1 x 19	40½	1 2 0 0	1 6 4	46 7 0	72 x 2 x 18	34½	1 4 3 0	1 8 0	49 5 9
12 x 1 x 18	7½	4 3 0	6 4	11 3 0	12 x 2 x 17	6½	6 0 0	7 3	12 15 3
18 x 1 x 18	10½	7 0 0	9 1	15 19 8	18 x 2 x 17	8½	8 3 0	10 5	18 6 9
24 x 1 x 18	14½	9 2 0	11 7	20 7 8	24 x 2 x 17	11½	12 0 0	13 3	23 6 6
30 x 1 x 18	17½	12 1 0	14 0	24 12 10	30 x 2 x 17	14½	15 0 0	15 9	27 14 6
36 x 1 x 18	20½	14 2 0	16 2	28 9 1	36 x 2 x 17	17½	17 2 0	18 0	31 13 9
42 x 1 x 18	24½	16 3 0	18 10	33 3 0	42 x 2 x 17	20½	1 0 2 0	1 1 0	36 19 3
48 x 1 x 18	27½	19 1 0	1 1 6	37 16 10	48 x 2 x 17	22½	1 2 2 0	1 4 0	42 4 9
60 x 1 x 18	34½	1 4 0 0	1 6 11	47 7 6	60 x 2 x 17	28½	1 9 2 0	1 10 0	52 16 0
72 x 1 x 18	40½	1 8 3 0	1 12 4	56 18 2	72 x 2 x 17	34½	1 12 2 0	1 16 0	63 7 6
12 x 1 x 17	7½	7 0 0	8 3	14 10 4	12 x 2 x 16	6½	7 0 0	9 5	16 11 6
18 x 1 x 17	10½	10 2 0	11 10	20 16 6	18 x 2 x 16	8½	10 2 0	13 6	23 15 3
24 x 1 x 17	14½	14 1 0	15 1	26 11 0	24 x 2 x 16	11½	14 1 0	17 3	30 7 3
30 x 1 x 17	17½	17 3 0	18 2	31 19 6	30 x 2 x 16	14½	16 3 0	1 0 7	36 4 6
36 x 1 x 17	20½	1 1 1 0	1 1 0	36 19 2	36 x 2 x 16	17½	1 1 1 0	1 3 6	41 7 3
42 x 1 x 17	24½	1 5 0 0	1 4 6	43 2 5	42 x 2 x 16	20½	1 4 3 0	1 7 5	48 5 0
48 x 1 x 17	27½	1 8 2 0	1 8 0	49 5 8	48 x 2 x 16	22½	1 7 0 0	1 11 4	55 3 0
60 x 1 x 17	34½	1 15 2 0	1 15 0	61 12 0	60 x 2 x 16	28½	1 12 0 0	1 19 2	68 18 9
72 x 1 x 17	40½	2 2 3 0	2 2 0	73 18 4	72 x 2 x 16	34½	2 2 2 0	2 7 0	82 14 6
12 x 1 x 16	7½	8 0 0	10 4	18 3 9	12 x 2 x 15	6½	9 0 0	11 10	20 16 6
18 x 1 x 16	10½	13 0 0	14 10	26 2 0	18 x 2 x 15	8½	13 3 0	17 0	29 18 6
24 x 1 x 16	14½	17 2 0	18 10	33 3 0	24 x 2 x 15	11½	18 1 0	1 1 8	38 2 9
30 x 1 x 16	17½	1 2 1 0	1 2 9	40 0 10	30 x 2 x 15	14½	1 3 0 0	1 5 10	45 9 6
36 x 1 x 16	20½	1 6 1 0	1 6 3	46 4 0	36 x 2 x 15	17½	1 7 2 0	1 9 6	51 18 6
42 x 1 x 16	24½	1 10 3 0	1 10 8	53 19 6	42 x 2 x 15	20½	1 13 0 0	1 14 5	60 11 6
48 x 1 x 16	27½	1 15 0 0	1 15 0	61 12 0	48 x 2 x 15	22½	1 15 1 0	1 19 4	69 4 6
60 x 1 x 16	34½	2 4 3 0	2 3 9	77 0 0	60 x 2 x 15	28½	2 6 0 0	2 9 2	86 10 9
72 x 1 x 16	40½	2 12 3 0	2 12 6	92 8 0	72 x 2 x 15	34½	2 15 0 0	2 19 0	103 17 0

Galvanized Wire Netting—Continued.

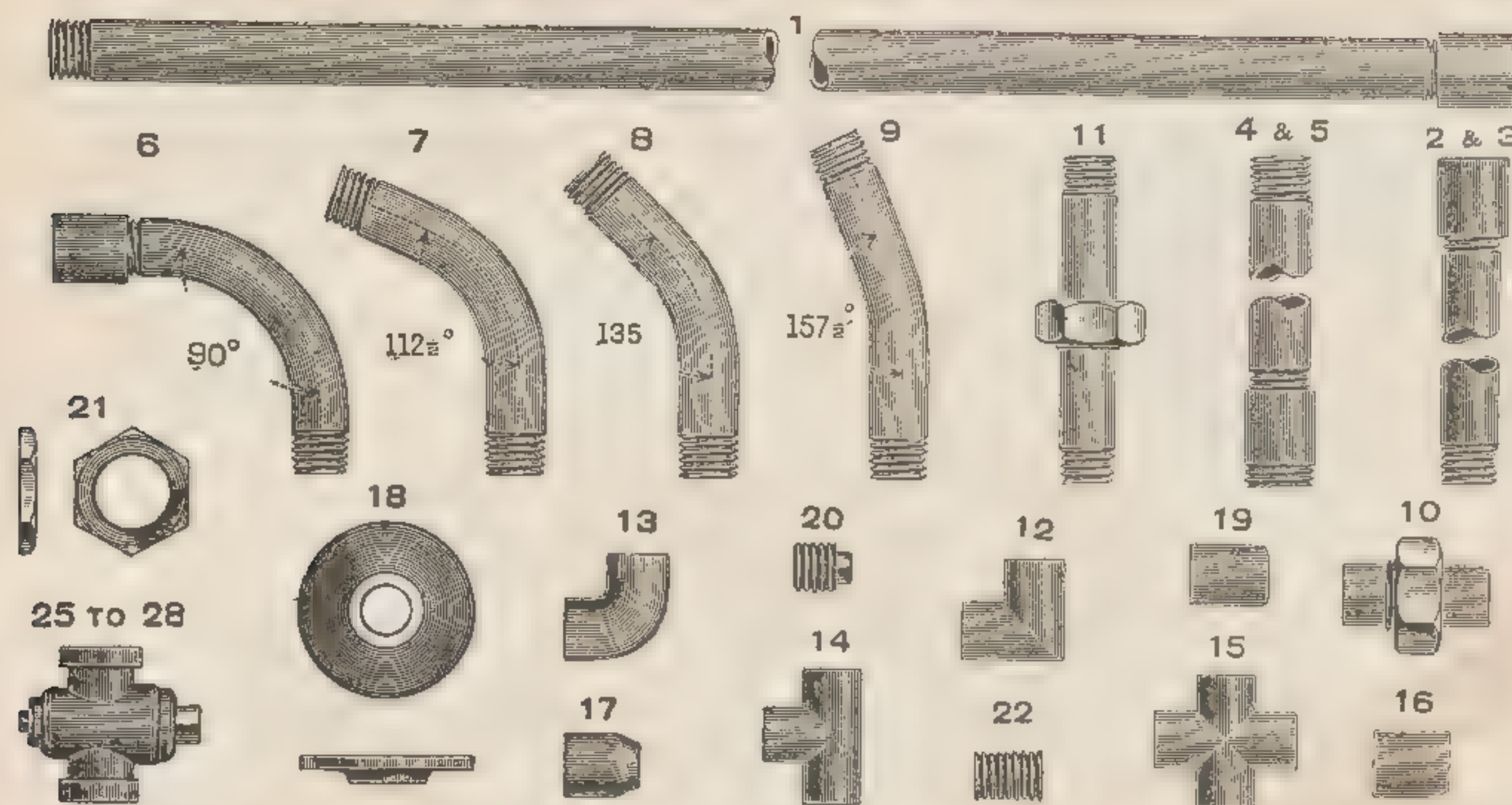
Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 yards Gross.	Price per Mile Gross.	Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 Yards Gross.	Price per Mile Gross.
IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.	IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.
18 x 2½ x 19	7½	3 3 0	6 3	11 0 0	24 x 3 x 19	7½	4 2 21	6 4	11 3 0
24 x 2½ x 19	9½	5 1 0	7 11	13 18 9	30 x 3 x 19	9½	5 3 13	7 7	13 7 0
30 x 2½ x 19	11½	6 2 0	9 6	16 14 6	36 x 3 x 19	11½	7 0 0	8 8	15 5 3
36 x 2½ x 19	13½	7 2 0	10 9	18 18 6	42 x 3 x 19	13½	8 0 14	10 1	17 15 0
42 x 2½ x 19	16½	9 1 0	12 7	22 3 0	48 x 3 x 19	15½	9 1 0	11 6	20 5 0
48 x 2½ x 19	18½	10 2 0	14 4	25 4 6	60 x 3 x 19	19½	11 2 0	14 5	25 7 6
60 x 2½ x 19	23½	13 0 0	17 11	31 10 9	72 x 3 x 19	23½	13 3 0	17 4	30 10 3
72 x 2½ x 19	27½	15 0 0	1 1 6	37 17 0					
18 x 2½ x 18	7½	4 2 0	7 6	13 4 0	24 x 3 x 18	7½	5 1 0	7 5	13 1 3
24 x 2½ x 18	9½	6 3 0	9 6	16 14 6	30 x 3 x 18	9½	6 2 0	8 11	15 14 0
30 x 2½ x 18	11½	7 3 0	11 5	20 2 0	36 x 3 x 18	11½	8 0 0	10 2	17 18 0
36 x 2½ x 18	13½	9 0 0	13 0	22 17 9	42 x 3 x 18	13½	9 1 0	11 10	20 16 9
42 x 2½ x 18	16½	11 0 0	15 2	26 14 0	48 x 3 x 18	15½	10 3 0	13 6	23 15 3
48 x 2½ x 18	18½	12 3 0	17 4	30 10 3	60 x 3 x 18	19½	12 2 0	16 11	29 15 6
60 x 2½ x 18	23½	15 0 0	1 1 8	38 2 9	72 x 3 x 18	23½	14 1 0	1 0 4	35 15 9
72 x 2½ x 18	27½	17 3 0	1 6 0	45 15 3					
18 x 2½ x 17	7½	7 1 0	9 6	16 14 6	24 x 3 x 17	7½	7 2 0	9 8	17 0 6
24 x 2½ x 17	9½	9 3 0	12 1	21 5 6	30 x 3 x 17	9½	9 3 0	11 7	20 7 9
30 x 2½ x 17	11½	12 1 0	14 5	25 7 6	36 x 3 x 17	11½	10 3 0	13 2	23 3 6
36 x 2½ x 17	13½	14 3 0	16 6	29 0 9	42 x 3 x 17	13½	12 2 0	15 4	26 19 9
42 x 2½ x 17	16½	17 1 0	19 3	33 17 9	48 x 3 x 17	15½	14 0 0	17 6	30 16 0
48 x 2½ x 17	18½	19 3 0	1 2 0	38 14 6	60 x 3 x 17	19½	19 3 0	1 1 11	38 11 6
60 x 2½ x 17	23½	1 4 2 0	1 7 6	48 8 0	72 x 3 x 17	23½	1 1 3 0	1 6 4	46 7 0
72 x 2½ x 17	27½	1 9 3 0	1 13 0	58 1 9					
18 x 2½ x 16	7½	8 2 0	12 1	21 5 6	24 x 3 x 16	7½	9 2 0	12 1	21 5 6
24 x 2½ x 16	9½	11 2 0	15 5	27 2 9	30 x 3 x 16	9½	11 3 0	14 5	25 7 6
30 x 2½ x 16	11½	14 2 0	18 5	32 8 3	36 x 3 x 16	11½	14 1 0	16 6	29 1 0
36 x 2½ x 16	13½	16 3 0	1 1 0	36 19 3	42 x 3 x 16	13½	15 1 0	19 3	33 17 9
42 x 2½ x 16	16½	19 2 0	1 4 6	43 2 6	48 x 3 x 16	15½	18 2 0	1 2 0	38 14 6
48 x 2½ x 16	18½	1 2 2 0	1 8 0	49 5 9	60 x 3 x 16	19½	1 3 3 0	1 7 6	48 8 0
60 x 2½ x 16	23½	1 8 1 0	1 15 0	61 12 0	72 x 3 x 16	23½	1 7 0 0	1 13 0	58 1 9
72 x 2½ x 16	27½	1 13 1 0	2 2 0	73 18 6					
18 x 2½ x 15	7½	11 2 0	15 0	26 8 0	24 x 3 x 15	7½	13 1 0	14 6	25 10 6
24 x 2½ x 15	9½	14 3 23	19 1	33 11 9	30 x 3 x 15	9½	15 2 0	17 3	30 7 3
30 x 2½ x 15	11½	18 2 0	1 2 9	40 0 9	36 x 3 x 15	11½	19 0 0	1 0 6	36 1 9
36 x 2½ x 15	13½	1 2 0 0	1 6 0	45 15 3	42 x 3 x 15	13½	1 1 3 0	1 3 11	42 2 0
42 x 2½ x 15	16½	1 5 2 0	1 10 4	53 7 9	48 x 3 x 15	15½	1 4 2 0	1 7 4	48 2 3
48 x 2½ x 15	18½	1 9 0 0	1 14 8	61 0 3	60 x 3 x 15	19½	1 11 0 0	1 13 9	59 8 0
60 x 2½ x 15	23½	1 15 0 0	2 3 4	76 5 6	72 x 3 x 15	23½	1 18 0 0	2 0 3	70 17 0
72 x 2½ x 15	27½	2 2 0 0	2 12 0	91 10 6					

Galvanized Wire Netting—Continued.

Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 yards Gross.	Price per Mile Gross.	Size.	No. of Meshes in Width.	Weight per Mile Approximate.	Price per Roll of 50 Yards (Gross.)	Price per Mile Gross.
IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.	IN.		Tons cwt. qrs. lbs.	£ s. d.	£ s. d.
24 x 3 x 14	7 $\frac{1}{2}$	15 0 0	17 3	30 7 3	24 x 4 x 14	5 $\frac{1}{2}$	11 0 0	13 9	24 4 0
30 x 3 x 14	9 $\frac{1}{2}$	19 0 0	1 0 9	36 10 6	30 x 4 x 14	7 $\frac{1}{2}$	14 3 0	16 6	29 0 10
36 x 3 x 14	11 $\frac{1}{2}$	1 3 0 0	1 5 0	44 0 0	36 x 4 x 14	8 $\frac{1}{2}$	17 3 0	1 0 0	35 4 0
42 x 3 x 14	13 $\frac{1}{2}$	1 5 0 0	1 9 2	51 6 9	42 x 4 x 14	10 $\frac{1}{2}$	19 3 0	1 3 4	41 1 4
48 x 3 x 14	15 $\frac{1}{2}$	1 8 3 0	1 13 4	58 13 6	48 x 4 x 14	11 $\frac{1}{2}$	1 1 3 0	1 6 8	46 18 8
60 x 3 x 14	19 $\frac{1}{2}$	1 18 1 0	2 1 3	72 12 0	60 x 4 x 14	14 $\frac{1}{2}$	1 9 2 0	1 13 0	58 1 8
72 x 3 x 14	23 $\frac{1}{2}$	2 6 1 0	2 9 0	86 5 0	72 x 4 x 14	17 $\frac{1}{2}$	1 15 2 0	1 19 6	69 10 4
24 x 3 x 13	7 $\frac{1}{2}$	1 0 0 0	1 0 6	36 1 9	24 x 4 x 13	5 $\frac{1}{2}$	13 0 0	16 10	29 12 6
30 x 3 x 13	9 $\frac{1}{2}$	1 5 0 0	1 5 6	44 17 9	30 x 4 x 13	7 $\frac{1}{2}$	16 1 0	1 0 2	35 9 11
36 x 3 x 13	11 $\frac{1}{2}$	1 10 1 0	1 11 0	54 11 3	36 x 4 x 13	8 $\frac{1}{2}$	19 10 0	1 4 0	42 4 10
42 x 3 x 13	13 $\frac{1}{2}$	1 15 1 0	1 16 2	63 13 0	42 x 4 x 13	10 $\frac{1}{2}$	1 2 3 0	1 8 0	49 5 8
48 x 3 x 13	15 $\frac{1}{2}$	2 0 1 0	2 1 4	72 15 0	48 x 4 x 13	11 $\frac{1}{2}$	1 6 0 0	1 12 0	56 6 6
60 x 3 x 13	19 $\frac{1}{2}$	2 10 1 0	2 11 0	89 15 3	60 x 4 x 13	14 $\frac{1}{2}$	1 12 2 0	1 18 4	67 9 4
72 x 3 x 13	23 $\frac{1}{2}$	3 0 2 0	3 0 6	106 9 9	72 x 4 x 13	17 $\frac{1}{2}$	1 19 0 0	2 6 0	80 19 3
24 x 4 x 18	5 $\frac{1}{2}$	5 1 17	6 4	11 3 0	24 x 4 x 12	5 $\frac{1}{2}$	18 0 0	1 3 0	40 9 8
30 x 4 x 18	7 $\frac{1}{2}$	6 1 10	7 7	13 7 0	30 x 4 x 12	7 $\frac{1}{2}$	1 2 2 0	1 7 7	48 11 0
36 x 4 x 18	8 $\frac{1}{2}$	7 1 0	8 8	15 5 3	36 x 4 x 12	8 $\frac{1}{2}$	1 7 0 0	1 12 6	57 4 0
42 x 4 x 18	10 $\frac{1}{2}$	8 0 10	10 1	17 15 0	42 x 4 x 12	10 $\frac{1}{2}$	1 11 2 0	1 17 11	66 14 8
48 x 4 x 18	11 $\frac{1}{2}$	9 0 0	11 6	20 4 10	48 x 4 x 12	11 $\frac{1}{2}$	1 16 0 0	2 3 4	76 5 4
60 x 4 x 18	14 $\frac{1}{2}$	11 0 0	14 5	25 7 6	60 x 4 x 12	14 $\frac{1}{2}$	2 5 0 0	2 12 6	92 8 0
72 x 4 x 18	17 $\frac{1}{2}$	13 0 0	17 3	30 7 2	72 x 4 x 12	17 $\frac{1}{2}$	2 14 0 0	3 3 0	110 17 8
24 x 4 x 17	5 $\frac{1}{2}$	5 3 19	7 5	13 1 1					
30 x 4 x 17	7 $\frac{1}{2}$	7 1 10	8 11	15 13 10					
36 x 4 x 17	8 $\frac{1}{2}$	8 2 0	10 2	17 17 10					
42 x 4 x 17	10 $\frac{1}{2}$	10 0 0	11 10	20 16 6					
48 x 4 x 17	11 $\frac{1}{2}$	11 2 18	13 6	23 15 2					
60 x 4 x 17	14 $\frac{1}{2}$	14 2 0	16 11	29 15 6					
72 x 4 x 17	17 $\frac{1}{2}$	17 0 0	1 0 4	35 15 9					
24 x 4 x 16	5 $\frac{1}{2}$	7 2 0	8 10	15 11 0					
30 x 4 x 16	7 $\frac{1}{2}$	9 1 0	10 6	18 9 8					
36 x 4 x 16	8 $\frac{1}{2}$	11 0 0	12 0	21 2 4					
42 x 4 x 16	10 $\frac{1}{2}$	13 0 0	14 0	24 12 10					
48 x 4 x 16	11 $\frac{1}{2}$	15 0 0	16 0	28 3 2					
60 x 4 x 16	14 $\frac{1}{2}$	18 3 0	1 0 0	35 4 0					
72 x 4 x 16	17 $\frac{1}{2}$	1 2 1 0	1 4 0	42 4 10					
24 x 4 x 15	5 $\frac{1}{2}$	9 0 0	11 6	20 4 10					
30 x 4 x 15	7 $\frac{1}{2}$	13 0 0	13 10	24 7 0					
36 x 4 x 15	8 $\frac{1}{2}$	15 0 0	16 0	28 3 2					
42 x 4 x 15	10 $\frac{1}{2}$	16 3 0	18 8	32 17 3					
48 x 4 x 15	11 $\frac{1}{2}$	18 1 0	1 1 4	37 11 0					
60 x 4 x 15	14 $\frac{1}{2}$	1 6 1 0	1 6 8	46 18 8					
72 x 4 x 15	17 $\frac{1}{2}$	1 10 1 0	1 12 0	56 6 4					

NOTE.—Though Rabbit Proof sizes are listed in the Stock, they are now sold at special rates per mile.—Particulars on application.

BLACK OILED NETTING is subject to an extra discount of 10 per cent



Wrought Iron Pipe and Fittings.

BLACK, GALVANIZED and STEAM.

Approximate Weight per 100 ft. of Wrought Iron Piping

$\frac{1}{8}$			$\frac{3}{8}$			1			1 1/2 inch		
cwt.	qrs.	lbs.	cwt.	qrs.	lbs.	cwt.	qrs.	lbs.	cwt.	qrs.	lbs.
0	3	0	1	0	5	1	1	22	2	1	10
$1\frac{1}{2}$			2			3 inch					
cwt.	qrs.	lbs.	cwt.	qrs.	lbs.	cwt.	qrs.	lbs.			
2	3	2	4	0	6	6	0	8			

No.	Internal Diameter (nominal), ... in inches,	$\frac{1}{8}$ & $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 1/2	1 3/4	2	2 1/2	2 3/4	3	3 1/2	4	4 1/2	5	5 1/2	6
1	Tubes, 2 feet long and over, ... per foot,	3 1/2 d.	4 d.	5 d.	6 1/2 d.	9 d.	1 1/4	1 1/8	1 1/10	2 6	2 9	3	3 3	4 3	4 9	5 6	6	6 9
2	Pieces, 12 to 23 1/2 inches long, ... each,	9 d.	10 d.	1 1/1	1 1/4	1 1/10	2 6	3 4	4 3	4 9	6 9	8	9	10	13 6	15 6	21 -	24 1/2
3	Pieces, 4 to 11 1/2 inches long, ...	5 1/2 d.	6 d.	8 d.	10 d.	1 1/2	1 1/6	2 1/2	2 7	3 1/2	4 3	5 3	6 -	6 9	9 3	10 9	15 6	18
4	Long Screws, 12 to 23 1/2 inches long,	10 d.	11 d.	1 1/2	1 1/5	2 1/2	2 8	3 7	4 8	5 3	7 6	9	10 -	11 6	15 6	17	23 -	26 6
5	Long Screws, 3 to 11 1/2 inches long,	6 1/2 d.	7 d.	9 d.	11 d.	1 1/3	1 8	2 3	3 1/2	3 3	4 8	6 3	6 7	8 -	10 9	12 3	17 -	20
23	Barrel Nipples,	5 d.	5 d.	6 d.	7 d.	9 d.	1 1/4	1 1/8	1 1/10	2 6	3	3 6	4 -	6 -	7 -	10 1/2	12 6	15
6	Bends, ...	7 d.	8 d.	10 d.	1 1/4	1 1/6	2 6	3 1/2	4 1/2	5 1/2	8 6	12	15 -	18 -	25 -	32 6	80 -	105
7, 8, 9	Springs, not socketed,	5 d.	6 d.	7 d.	9 d.	1 1/2	1 1/10	2 3 1/2	3 1/1	3 1/11	6 9	9 6	12	14 6	20	26 6	70	93 -
10, 11	Socket or Pipe Union,	2 1/2	2 6	3 1/2	4 1/2	5 6	6 9	8 1/2	9 1/2	10 1/2	15 1/2	17 6	20	22 6	27 6	35	48	66 -
12	Elbows, Square,	8 1/2 d.	9 d.	10 d.	1 1/4	1 1/6	2 1	2 5	3 1/2	3 1/10	6 3	9 -	11 6	14 -	22	28 -	75	95 1/2
13	Elbows, Round,	9 1/2 d.	11 d.	1 1/4	1 1/3	1 1/6	2 1	2 7	3 6	4 6	6 9	10 -	3	17 -	25	32 -	75	95
14	Tees,	9 d.	10 d.	11 d.	1 1/2	1 1/5	2 1/2	2 6	3 2	4 3	6 6	9 6	12 6	16 6	24	30	78 -	98 -
15	Crosses,	1 1/4	1 1/6	1 1/11	2 1/4	3 1/2	4 1/2	4 1/10	6 1/2	7 9	14 1/2	25	40	56 1/2	66 8	175	220	280
16	Sockets, Plain,	2 d.	2 d.	3 d.	3 1/2 d.	4 1/2 d.	6 1/2 d.	8 1/2 d.	11 d.	1 1	1 9	2 6	3	3 6	5 -	6	10	12
17	Sockets, Diminished,	3 d.	4 d.	5 d.	6 d.	7 d.	9 d.	11 d.	1 2	1 4	2 3	3 3	4	5 -	7 -	9	25	35
18	Flanges,	9 d.	10 d.	1 1/4	1 1/2	1 1/4	1 9	2 1/2	2 3	2 9	4 1/2	5 -	6 9	8 6	10	11 6	16 1/2	18
19	Caps,	3 1/2 d.	3 1/2 d.	5 d.	6 d.	8 d.	1 1/4	1 1/3	1 1/7	2 1/2	3 -	4 4	5 3	6	9 9	10 6	25	30
20	Plugs,	3 d.	3 d.	4 d.	5 d.	6 d.	8 d.	10 d.	1 1/2	1 3	2 1/2	2 6	3 6	4 9	7	10 1/2	22	30
21	Backnuts,	2 d.	2 d.	3 d.	3 1/2 d.	5 d.	6 d.	8 d.	10 d.	1 1	1 9	2 3	3 1/2	3 6	4 6	5 6	11 1/2	18
22	Nipples,	2 d.	2 d.	3 d.	3 1/2 d.	4 d.	6 d.	8 d.	10 d.	1 1/2	1 9	2 3	3 1/2	3 6	4 6	5 6	14 1/2	18 1/2
25	Main Cocks,	2 3	2 9	3 6	4 6	6 6	8 6	11 1/2	14 1/2	18 1/2	27 1/2	40 1/2	50 1/2	60 1/2	85 1/2	110 1/2	210 1/2	270 1/2
27	Round Way Cocks,	—	3 6	4 1/2	5 6	7 6	10 1/2	13 1/2	17 6	22 1/2	38 1/2	60 1/2	65 1/2	75 1/2	120 1/2	160 1/2	—	—
28	Round Way Cocks, with Brass Plugs,	—	10 6	12 1/2	16 6	22 6	30 1/2	39 1/2	52 6	66 1/2	114 1/2	180 1/2	195 1/2	225 1/2	360 1/2	480 1/2	—	—

Tin, Copper, Zinc and Gauze.

Tin.

INGOT, Mount Bischoff, Glen.

SHEET, in 5 cwt. cases	...	...	...	...	...	...	72 x 24, 30, 36 inch x 20, 22, 24, 26 gauges
COKE PLATES,	...	...	...	...	...	20 x 14	IC X XX
CHARCOAL PLATES.	...	...	...	...	...	20 x 14	IC X XX XXX
Number of Sheets per B x							112 112 112 112
Weight per Box							cwt. qrs. lbs. cwt. qrs. lbs. cwt. qrs. lbs. cwt. qrs. lbs.
							0 3 24 1 0 24 1 1 17 1 2 10

PERFORATED, sheets 20 x 14, for Milk Strainers.

TIN PIPE.	...	...	...	...	...	Inside Diameter	$\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ 1 inch.
Weight per yard							4 ozs. 6 ozs. 11½ ozs. 13 ozs. 17 ozs. 1 lb. 12 ozs.
Special sizes made to Gas Company's requirements							Outside Diameter $\frac{3}{8}$ $\frac{1}{2}$ inch
							Weight per yard 5 ozs. 10 ozs.

Copper.

SHEETS AND BARS.	Weights of Copper per Lineal foot	...	...	...	Sizes	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ inch.
					Round	·424	·755	1·17	1·62	2·32	3·1	4·71	6·79 lbs.
					Square	·54	·96	1·5	2·16	2·94	3·84	6	8·65 ..

Zinc.

SHEET	...	...	...	...	...	7 feet x 3 feet x 8	9	10	11	12	13	14 zinc gauge
equivalent to							29	27	26	25	22-23	22 21 B.W. gauge
In 5 cwt. Casks, Approximate weight per sheet							lb. oz. 11 13	lb. oz. 14 7	lb. oz. 17 1	lb. oz. 19 11	lb. oz. 22 5	lb. oz. 25 9 28 14
PERFORATED	...	...	...	...	...	...	...	...	...	...	...	Ordinary size 7ft. x 3ft. x 8 hole.
Also, 3-16, $\frac{1}{4}$ in. Round Hole Perforations (x 12 gauge), and Fancy Perforations.												
INGOT. SHAVINGS (FOR CYANIDE).												

Wire Gauze.

GREEN FOR DOORS, 24, 30, 36, 42 inch.
GALVANIZED, „ „ „ „ „

GALVANIZED Heavy, 24, 30, 36 inch x 4, 6, 8, 10, 12, 14, 16 mesh.
BRASS, 24, 36 inch x 20, 24, 30, 40, 60, 80 mesh.

Bar Iron.

WAVERLEY CROWN.

AGENTS FOR CARNEGIE X AND DAGGER SHOEING BARS.

All sizes in Shoeing, Round, Square, Flat, Half-round, Oval, Stock Hoop, Angle, Tee, Round Edge Tires (measured on flat).

MANUFACTURERS' LIST OF EXTRAS, PER TON. ALL SHOEING, 20/- ROUND EDGE TIRES.

FLAT BARS.

		$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	$\frac{7}{8}$ in.	1in. and upwards
$\frac{1}{8}$ in.	x	70/-	60/-	50/-	40/-	30/-	30/-
3-16in.	x	60/-	50/-	40/-	30/-	20/-	20/-
$\frac{1}{4}$ in.	x	—	40/-	30/-	20/-	10/-	

HEAVY FLATS.

4 $\frac{1}{2}$ in. x 2 $\frac{1}{2}$ in. and upwards	..	...	...	...	...	20/-
5in. to 6in. x 1 $\frac{3}{4}$ in. ...	..	...	...	...	...	30/-

EXTRA WIDTHS, FLAT.

Over 6in. to 7in.	..	...	..	...	...	20/-
,, 7in. to 8in.	...	..	..	...	...	30/-

ROUND AND SQUARES.

SMALL.

3-16in.	$\frac{1}{4}$ in.	5-16in.	$\frac{3}{8}$ in.	7-16in. dia.
80/-	40/-	30/-	20/-	10/-

LARGE.

3 $\frac{1}{8}$ in.	3 $\frac{1}{4}$ in.	3 $\frac{1}{2}$ in.	3 $\frac{3}{4}$ in.	4in.	4 $\frac{1}{4}$ in.	4 $\frac{1}{2}$ in.	5in.	5 $\frac{1}{4}$ in.	5 $\frac{1}{2}$ in.	6in. dia.
20/-	20/-	20/-	30/-	30/-	40/-	40/-	60/-	80/-	80/-	90/-

HALF-ROUND AND OVAL.

Width	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	$\frac{7}{8}$ in.	1in.	1 $\frac{1}{4}$ in. and upwards.
	6 1/-	40	40/-	40/-	30	20

BEVIL.

All Sizes	...	..	..	..	...	..	20
-----------	-----	----	----	----	-----	----	----

TEES.

		4 $\frac{1}{2}$ in.	5in.	6in.	equal or unequal.
		10/-	20/-	30/-	

ANGLES.

Small sizes			$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	1in. and upwards.
$\frac{1}{8}$ in. x	..	60/-	50/-	40/-	
3-16in. x	..			20/-	
Large sizes			4 $\frac{1}{2}$ in.	5in.	6in. equal or unequal.
			10/-	20/-	30/-

PLATES.

Above 5 cwt. and under 6 cwt.	..	..	..	20/-
,, 6 ,, ,, 8 ,,	...	...	...	30/-
,, 8 ,, ,, 10 ,,	...	...	...	50/-
,, 10 ,,	...	...	...	70/-

HOOPS.

$\frac{1}{2}$ in. x 20	$\frac{1}{2}$ in. x 22 G.	$\frac{3}{8}$ in. to 20 G.	$\frac{3}{4}$ in. to 20 G.	$\frac{7}{8}$ in. x 19 G.
160/-	200/-	80/-	30/-	10/-

SHEETS.

4ft. wide, any length under 8ft.	...	..	...	10/-
8ft. x 3ft., 3ft. 6in., and 4ft. wide	..	..	...	20/-
9ft. x ,, ,,	..	..	...	30/-
10ft. x ,, ,,	..	..	...	40/-

Bar and Sheet Iron.

Approximate Weight of Bar Iron per Lineal Foot.

FLAT.										ROUND AND SQUARE.								
IN.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	1	Breadth or Diam. in inches.	Square Bars	Round Bars	Breadth or Diam. in inches.	Square Bars.	Round Bars.	Breadth or Diam. in inches.	Square Bars.	Round Bars.
1	.83	1.04	1.25	1.45	1.66	2.08	2.50	2.91	3.33									
1 $\frac{1}{8}$	.94	1.17	1.40	1.64	1.87	2.34	2.81	3.28	3.75									
1 $\frac{1}{4}$	1.04	1.30	1.56	1.82	2.08	2.60	3.12	3.64	4.16	$\frac{1}{4}$	209	.164	1 $\frac{1}{4}$	5.25	4.09	3	30.07	23.60
1 $\frac{3}{8}$	1.14	1.43	1.71	2	2.29	2.86	3.43	4.01	4.58	5-16	.326	.256	1 $\frac{3}{8}$	6.35	4.96	3 $\frac{1}{4}$	35.28	27.70
1 $\frac{1}{2}$	1.25	1.56	1.87	2.18	2.50	3.12	3.75	4.37	5	$\frac{3}{8}$	.470	.369	1 $\frac{1}{2}$	7.51	5.90	3 $\frac{1}{2}$	40.91	32.13
1 $\frac{3}{4}$	1.35	1.69	2.03	2.36	2.70	3.38	4.06	4.73	5.41	7-16	.640	.502	1 $\frac{3}{4}$	8.82	6.92	3 $\frac{3}{4}$	46.97	36.89
1 $\frac{7}{8}$	1.45	1.82	2.18	2.55	2.91	3.64	4.37	5.10	5.83	$\frac{1}{2}$	.833	.656	1 $\frac{7}{8}$	10.29	8.03	4	53.44	41.97
2	1.66	2.08	2.50	2.91	3.33	4.16	5	5.83	6.66	9-16	1.055	.831	1 $\frac{1}{2}$	11.74	9.22	4 $\frac{1}{4}$	60.32	47.38
2 $\frac{1}{8}$	1.77	2.21	2.65	3.09	3.54	4.42	5.31	6.19	7.08	$\frac{5}{8}$	1.305	1.025	2	13.36	10.49	4 $\frac{1}{2}$	67.63	53.12
2 $\frac{1}{4}$	1.87	2.34	2.81	3.28	3.75	4.68	5.62	6.56	7.50	11-16	1.579	1.241	2 $\frac{1}{8}$	15.08	11.84	4 $\frac{3}{4}$	75.35	59.18
2 $\frac{3}{8}$	1.97	2.47	2.96	3.46	3.95	4.94	5.93	6.92	7.91	$\frac{3}{4}$	1.879	1.476	2 $\frac{1}{4}$	16.91	13.27	5	83.51	65.58
2 $\frac{1}{2}$	2.08	2.60	3.12	3.64	4.16	5.20	6.25	7.29	8.33	13-16	2.205	1.732	2 $\frac{3}{8}$	18.84	14.79	5 $\frac{1}{4}$	92.46	72.30
2 $\frac{3}{4}$	2.18	2.73	3.28	3.82	4.37	5.46	6.56	7.63	8.75		2.556	2.011	2 $\frac{1}{2}$	20.87	16.39	5 $\frac{1}{2}$	101.03	79.35
3	2.50	3.12	3.75	4.37	5	6.25	7.50	8.75	10	15-16	2.936	2.306	2 $\frac{7}{8}$	23.11	18.07	5 $\frac{3}{4}$	110.43	86.73
3 $\frac{1}{8}$	2.70	3.38	4.06	4.73	5.41	6.77	8.12	9.47	10.83	1	3.34	2.62	2 $\frac{3}{4}$	25.26	19.84	6	120.24	94.43
3 $\frac{1}{4}$	2.91	3.64	4.37	5.10	5.83	7.29	8.75	10.20	11.66		4.22	3.32	2 $\frac{7}{8}$	27.61	21.68	—	—	—
3 $\frac{1}{2}$	3.12	3.90	4.68	5.46	6.25	7.81	9.37	10.93	12.50									
4	3.33	4.16	5	5.83	6.66	8.33	10	11.66	13.33									
4 $\frac{1}{4}$	3.54	4.42	5.31	6.19	7.08	8.85	10.62	12.39	14.16									
4 $\frac{1}{2}$	3.75	4.68	5.62	6.56	7.50	9.37	11.25	13.12	15									
4 $\frac{3}{4}$	3.95	4.94	5.93	6.92	7.91	9.89	11.87	13.85	15.83									
5	4.17	5.20	6.25	7.29	8.33	10.41	12.50	14.58	16.66									
5 $\frac{1}{4}$	4.37	5.46	6.56	7.65	8.75	10.93	13.12	15.31	17.50									
5 $\frac{1}{2}$	4.58	5.72	6.87	8.02	9.16	11.45	13.75	16.04	18.33									
5 $\frac{3}{4}$	4.79	5.98	7.18	8.38	9.58	11.97	14.37	16.77	19.16									
6	5	6.25	7.50	8.75	10	12.50	15	17.50	20									

BLACK SHEET AND PLATE IRON.

6 feet long x 24, 30, 36 inches wide

Gauges 10, 12, 14, 16, 18, 20, 22, 24.

Ap. weight per square foot 5.8, 4.3, 3.3, 2.7, 2.0, 1.5, 1.2, .95 lbs.

$\frac{1}{32}$, 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.

Ap weight per square foot—5, 7 $\frac{1}{2}$, 10, 12 $\frac{1}{2}$, 15, 17 $\frac{1}{2}$, 20, 25, 30, 35, 40 lbs.

BLACK SHEET AND PLATE IRON.

6 feet long x 24, 30, 36 inches wide

Gauges 10, 12, 14, 16, 18, 20, 22, 24.

Ap. weight per square foot 5.8, 4.3, 3.3, 2.7, 2.0, 1.5, 1.2, .95 lbs.

$\frac{1}{8}$, 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.

Ap weight per square foot—5, 7 $\frac{1}{2}$, 10, 12 $\frac{1}{2}$, 15, 17 $\frac{1}{2}$, 20, 25, 30, 35, 40 lbs.

Hoop Iron, Steel, Etc.

Hoop Iron.

BLACK, in Bundles weighing half cwt.

Approximate number of feet per bundle	$\frac{1}{2}$ x 22. 1,075.	$\frac{5}{8}$ x 20. 665.	$\frac{3}{4}$ x 19. 485.	1 x 18, 19. 333,365.	$1\frac{1}{4}$ x 16. 210.
Approximate number of feet per bundle	$1\frac{1}{2}$ x 16. 155.	$1\frac{3}{4}$ x 16. 129.	2 x 15. 115.	$2\frac{1}{4}$ x 14. 93 feet.	

CALVANIZED, in Bundles weighing about 63 lbs.

$\frac{7}{8}$ x 19. 1 x 10, 16, 18.	$1\frac{1}{2}$ x 10, 12, 14, 16, 17, 18.	$1\frac{1}{4}$ x 10, 12, 14, 16, 17, 22.	$1\frac{3}{4}$ x 14, 16.	2 x 16, 18.	$2\frac{1}{2}$ x 16.
-------------------------------------	--	--	--------------------------	-------------	----------------------

BALING HOOPS, 1 inch x 19 gauge, $8\frac{1}{2}$, $8\frac{3}{4}$, $8\frac{1}{2}$ feet. Studs for ditto.

STEEL CASING BAND, $\frac{1}{2}$ in. x 28 gauge. 56 lb. coils.

Steel.

OCTAGON-ANDREWS' MM, SYBRY SEARLS' SSS, BESSEMER, and other Brands. $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$ inch.

SQUARE-ANDREWS' BESSEMER, and other Brands, $\frac{3}{8}$ to 2 in.

ROUND- " " and other Brands, $\frac{3}{8}$ to 2 in.

SPRING- " " and other Brands, 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$ in.

SHEAR, BLISTER, OVAL TOOL.

STEEL TIRE BARS, Round Edge, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$ in. thick, in sets of 2 long and 2 short bars, and long bars only. Measurement on Flat.

Aluminium Bars for Racing Shoes, &c.

Approximate Weight per bar 8 ft. long $\frac{5}{8}$ x $\frac{3}{8}$ $\frac{3}{4}$ x $\frac{1}{2}$ $\frac{5}{8}$ x $\frac{5}{8}$ in. lbs. $3\frac{1}{2}$ $4\frac{1}{4}$ $4\frac{1}{2}$

Chain.

BLACK, SHORT LINK COIL, Tested.

Diameter of Link .. 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$, 9-16, $\frac{5}{8}$, $\frac{3}{4}$ in.

Approximate Weight per Fathom 4, 5, 7, 9, 13, 18, 22, 27, 38 lbs.

Breaking Strain in cwts. .. 5, 15, 22 $\frac{1}{2}$, 32 $\frac{1}{2}$, 45, 60, 75, 92, 135.

LONG LINK COIL—3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$ in.

CALVANIZED SHORT LINK—3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16, $\frac{1}{2}$ in.

BLACK, TWISTED LINK— $\frac{1}{8}$, 3-16 in.

CRANE CHAIN.

Chain for Differential Blocks.

Lead.

Sheet Lead.

APPROXIMATE WEIGHT OF STOCK SIZES 32 ft. long x 7 ft. 6 in. wide.

Weight per Super Foot.	Approximate Weight of Roll.	Weight per Super Foot.	Approximate Weight of Roll.	Weight per Super Foot.	Approximate Weight of Roll.
	cwt. qrs. lbs.		cwt. qrs. lbs.		cwt. qrs. lbs.
2 H s.	5 1 0	4 11	9 2 14	8 lbs.	17 0 0
2 1/2 "	5 1 14	5 "	10 3 0	9 "	19 1 0
3 "	6 2 0	5 1/2 "	11 3 0	10 "	21 2 0
3 1/2 "	7 2 0	6 "	13 0 0	12 "	25 3 0
4 "	8 2 0	7 "	15 0 0	14 "	30 0 0

Hydraulic Drawn Lead Soil Pipe.

MADE IN LENGTHS OF 10 ft., OR LONGER IF SPECIFIED.

Inside Diameter.	Gauge per Super Foot.	Weight per Yard.	Inside Diameter.	Gauge per Super Foot.	Weight per Yard.
1 1/2 in.	7 lbs.	8 lbs.	3 in.	7 lbs.	18 lbs.
2 "	7 "	10 "	4 "	7 "	21 "
2 1/2 "	7 "	13 "	5 "	7 "	24 "
3 "	7 "	15 "	6 "	7 "	27 "

Pig Lead.

Lead Pipe.

USUAL STOCK SIZES.

Size	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
Weight per Yard	3	5	6	8	10 lbs.
Approximate Length per Coil	130	115	85	60	6 yards.

Tin Lined Lead Pipe.

FOR BEER AND OTHER LIQUIDS.

Inside Diameter	$\frac{1}{2}$	$\frac{3}{4}$	1 in.
Weight per Yard	$3\frac{1}{2}$	6	8 lbs.

Composition Pipe.

Inside Diameter ...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1 in.
Outside Diameter ...	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$ in.
Weight per yard ...	13oz.	11b. 3oz.	11b. 5oz.	11b. 10oz.	21b. 4oz.	31b. 3oz.

Insure Against Serious Loss through a Breakdown.

EVERYBODY who uses Tools or Machinery has something broken occasionally.

The Farmer in the midst of his harvest, loses part of his crop, because he has to wait for repairs; the Manufacturer loses hundreds of pounds while machinery lies idle, waiting for a part that costs only a few shillings to repair.

- a Weldarine
- b Weldarine Fluid
- c Weldarine Borax
- d Weldarine Spelter
- e Steel Wire Brush
- f Instructions for use



LARGE SET, COMPLETE,

25 =

By Post,

26 6.

SMALL SET, COMPLETE,

15 =

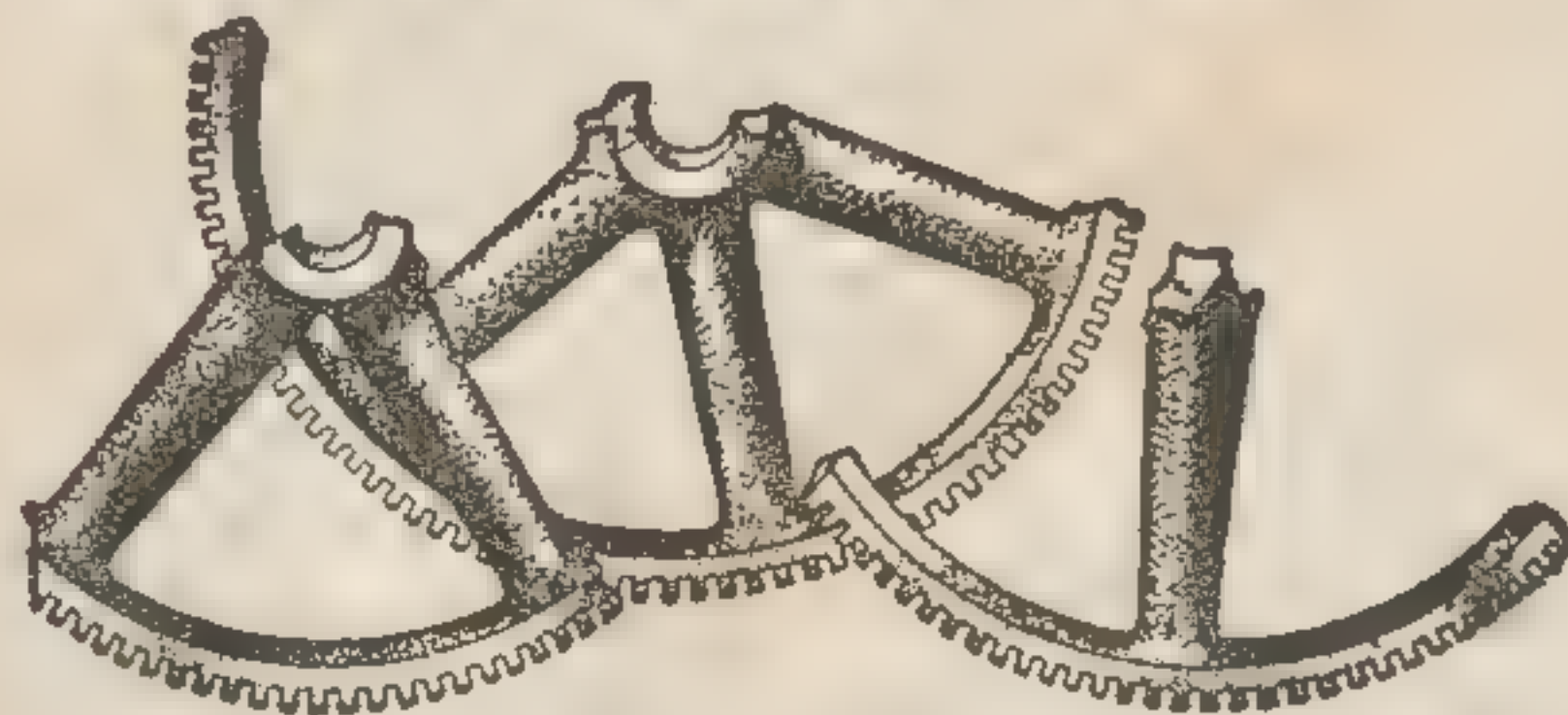
By Post,

16/3

A COMPLETE SET OF WELDARINE.

Full Particulars with every Set.

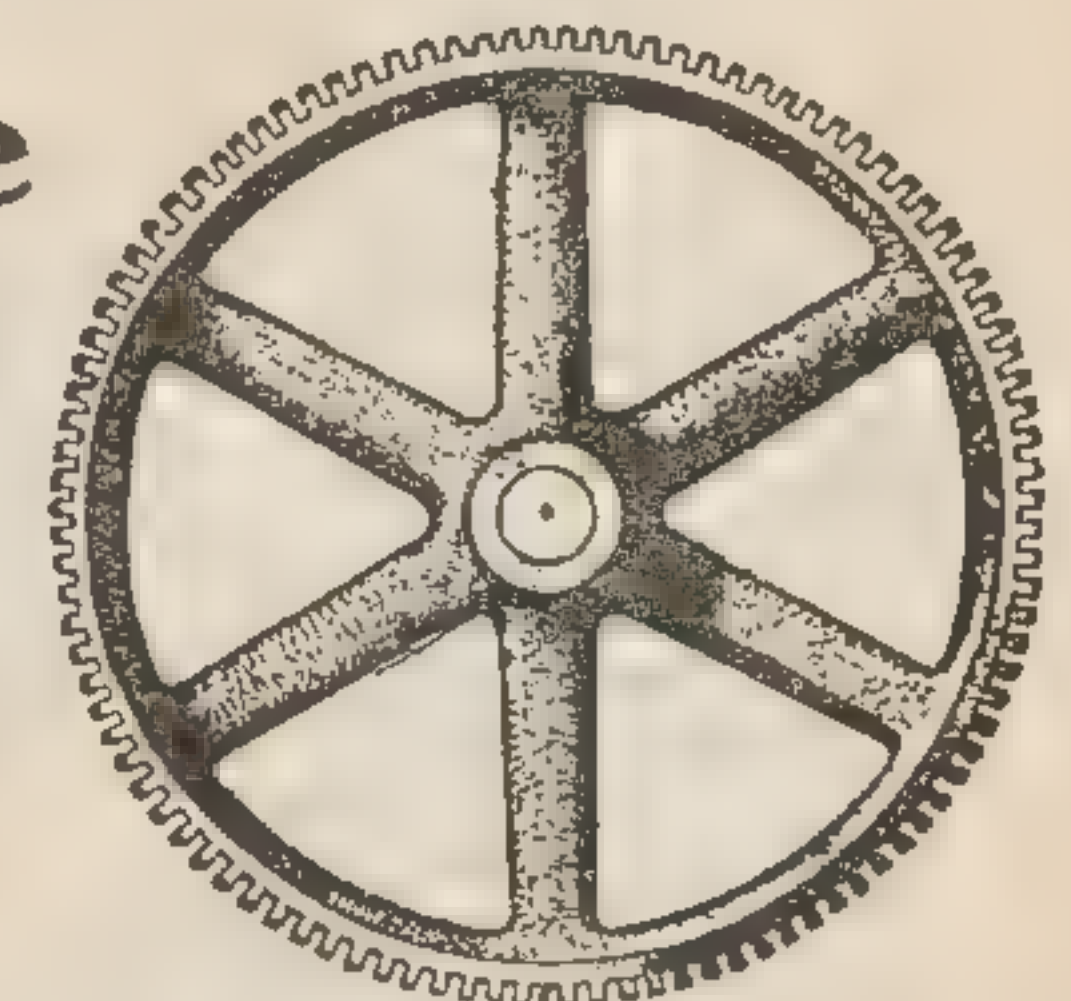
WELDARINE is quite easy to use



BEFORE WELDING.

The Broken Part welded with WELDARINE
becomes the Strongest Part of the
Casting.

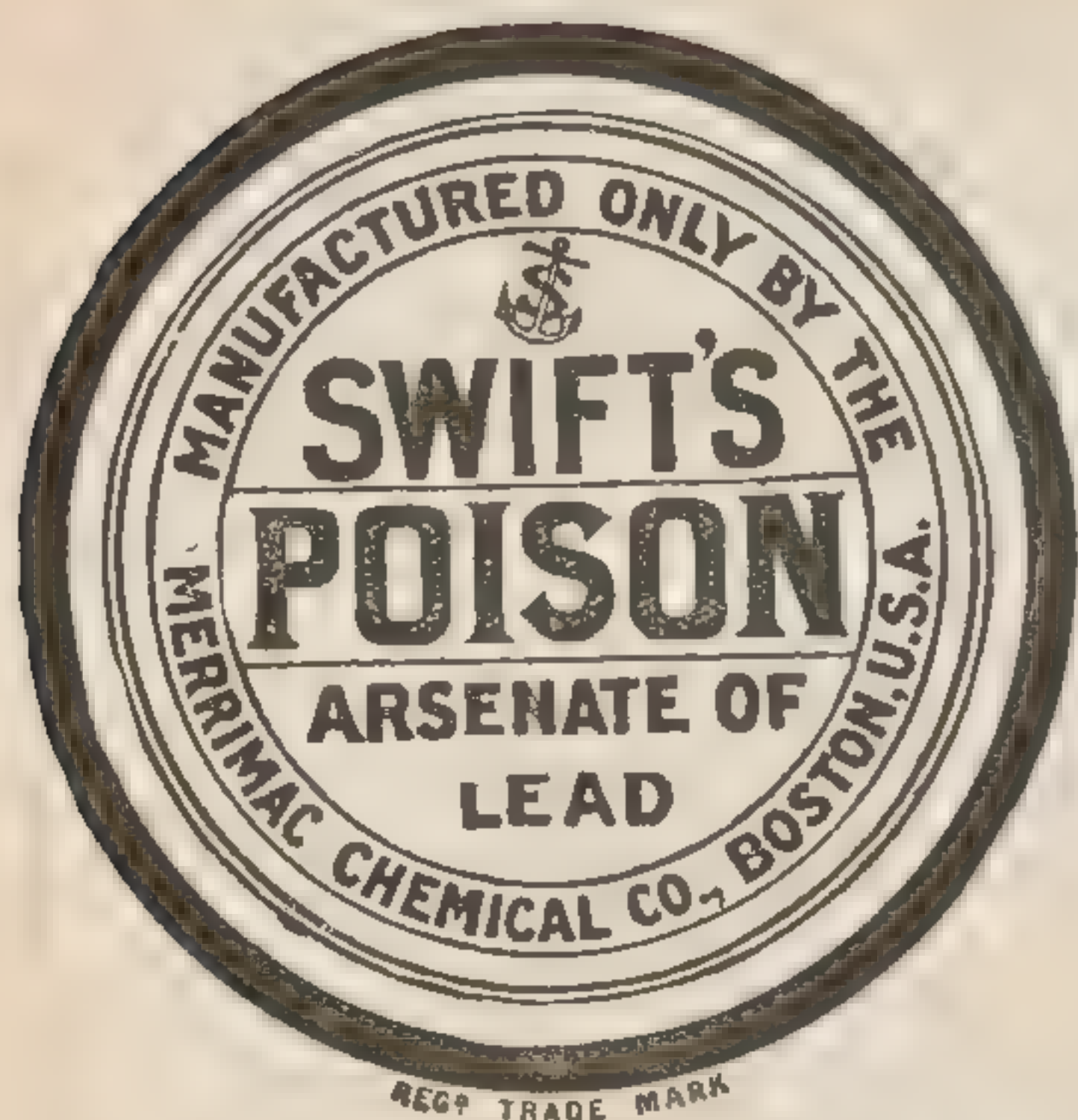
Write for Free Booklet, giving full details and Testimonials, to



AFTER WELDING

HOLDSWORTH, MACPHERSON & CO.,

252-256 GEORGE STREET, SYDNEY, N.S.W



Swift's

TRADE  MARK.

ARSENATE OF LEAD

IS GUARANTEED EFFECTUAL.
THE BEST FOR

All Leaf-Eating Insects,
In Orchard, Garden, Farm and Field.

WILL NOT SCORCH OR BURN THE FOLIAGE.
PREPARED BY EXPERT CHEMISTS. ALWAYS UNIFORM.

Write for our **FREE** Booklet on Insect Pests.

"SCALECIDE"

The TREE SAVER.

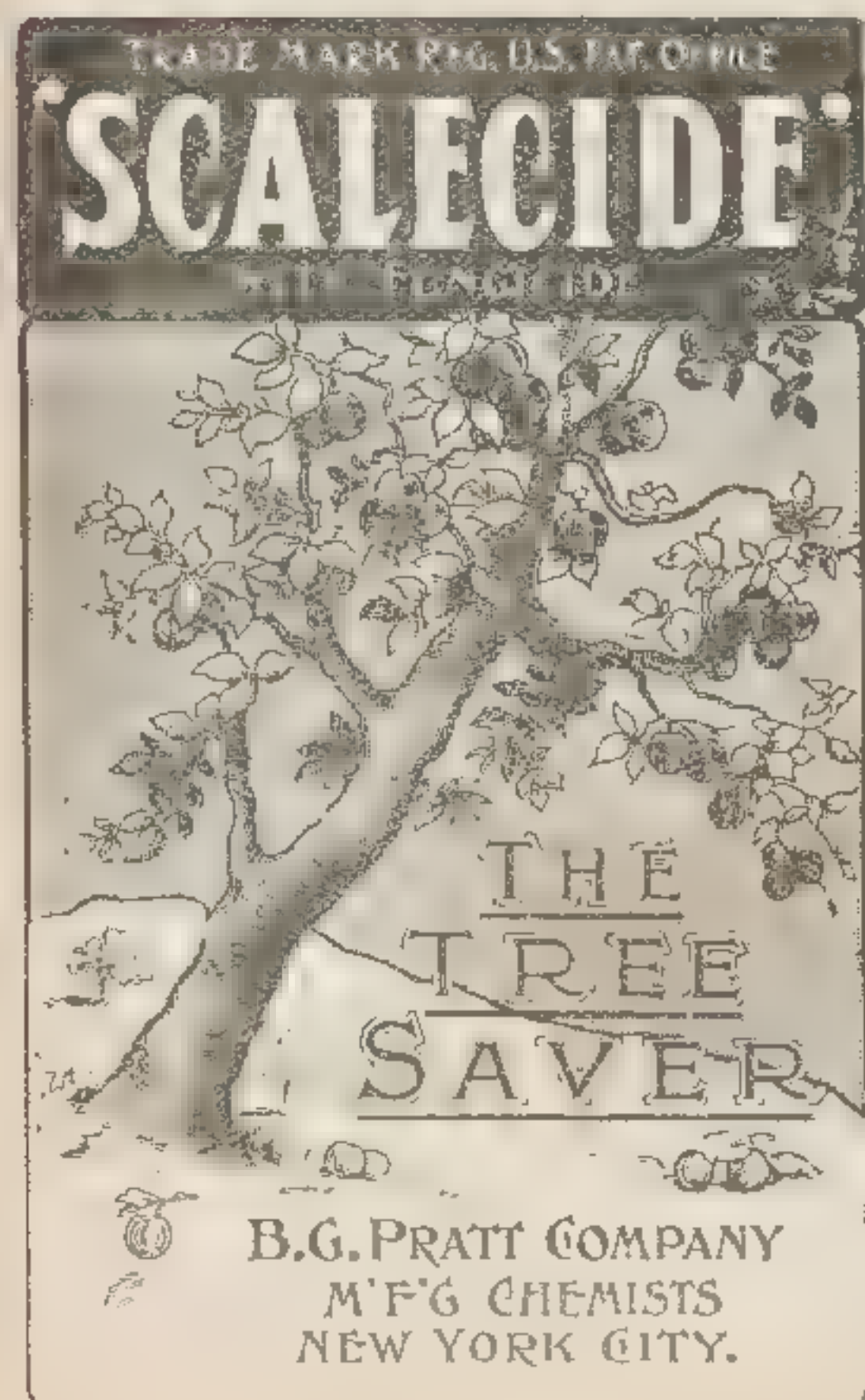
Manufactured by B. G. PRATT CO., Hudson Terminal Building, 50 Church St., New York, N.Y. U.S.A.

Means

BETTER FRUIT,
HEALTHIER TREES,
FINER FOLIAGE.

The most reliable, simple and economical remedy for:—

Pear Psylla, Aphis, White Fly, Leaf Blister Mite, Orange Rust Mite, Peach Curl, etc., Black pot, San Jose Scale, Red, Olive, and Black Scale, Mussel Scale, and all Soft-bodied Sucking Insects.



DONCASTER, VICTORIA, 7th May, 1909.
"I tried SCALECIDE on some lemon trees for SCALE (Red and Black, and I find where the trees got the mixture properly, it KILLED the Scale. I intend to give it a fair trial, as I believe it will act all right.
The strength I used, was ONE GALLON OF SCALECIDE to TWENTY GALLONS OF WATER and I AM PREPARED TO TAKE A FURTHER QUANTITY AND GIVE IT A GOOD TEST, and will be only too pleased to let you know the results."

CHARLES GILL.

DONCASTER, VICTORIA, 7th May, 1909.
"I have found by trial your SCALECIDE effectual in killing SCALE INSECT PESTS on Citrus trees. I used about ONE IN THIRTY and would recommend ONE IN TWENTY as a safe mixture."

J. S. WILLIAMS.

BOX HILL, VICTORIA, 8th May, 1909.
"I used the SCALECIDE you sent me and found it KILLED ALL THE SCALE. I sprayed lemon trees with it in March which were very bad with Olive Scale and Black Scale using ONE IN THIRTY GALLONS OF WATER, and now the SCALE S ALL DEAD and the trees are looking CLEAN AND HEALTHY. I also sprayed some apples that had WHITE BLIGHT very bad and it was all killed next day."

R. TOOGOOD.

Write for our FREE Booklet on Scale Pests.

HOLDSWORTH, MACPHERSON & CO.,

252 GEORGE STREET,
SYDNEY. N.S.W.

Paints.

"DAGGER BRAND," AND LEWIS BERGER & SONS.

MIXED, READY FOR USE, 1, 2, 4, 7, 14, 28 lb. tins. All colors.

GROUND STIFF IN OIL, 7, 14, 28 lb. tins. Blue, Green, Red, Yellow, Black.
IN OIL, 1, 2, 7, 14, 28 lb. tins. Burnt Turkey Umber, Burnt Sienna,
Raw Sienna, English Umber, Raw Umber, Vandyke Brown, Oxford
Ochre.

1, 2 lb. tins. Prussian Blue, Lemon Middle and Orange Chrome, Italian
Yellow Ochre, Vegetable Black, Indian Red, Brunswick Green.

IN PULP, 1, 2, 7 lb. tins. Burnt Sienna, Raw Sienna, Burnt Turkey Umber,
Vandyke Brown.

REFRIGERATING, 14, 28, 56 lb. tins.

COPPER, $\frac{1}{2}$, $\frac{1}{4}$, 1 gal. tins.

JAPANESE GOLD, Small, Medium, Large.

"OUR FAVOURITE" GOLD ENAMEL, Small and Large.

ENAMEL, Aspinall's, Blundell and Spence's. Small and large tins. All colors.

BATH ENAMEL, White, Flesh, Eau de Nil, Ivory.

DRIERS, in 1, 2, 4, 7, 14, 28 lb. tins.

Dry Colors.

BLUNDELL, SPENCE & CO, AND OTHER MAKERS.

GREENS.

BRUNSWICK, L, M and D, 7 lb. packets, 1 cwt.
casks.

BRONZE, L, M and D, 7 lb. pkts., 1 cwt. casks

QUAKER, 7 lb. packets.

PARIS, " "

EMERALD, " "

LIME, " "

CHROME, " "

BLUES.

ULTRAMARINE, 1, 7, 14 lb. packets.

CELESTIAL, 7 lb. packets.

PRUSSIAN, 1, 7 lb. packets.

LIME, 7 lb. packets.

PINKS.

ROSE, 1, 7 lb. packets.

REDS.

VENETIAN, 7 lb. packets, 1 cwt. casks.

INDIAN, 7 lb. packets.

BURNT SIENNA, 7 lb. packets.

CHINESE, 1, 7 lb. packets.

MEXICAN VERMILION, 7 lb. packets.

PERSIAN, 7 lb. packets.

DRAGON'S BLOOD, 1 lb. packets.

ROYAL, 1, 7 lb. packets.

CHINESE VERMILION, 1 lb. packets.

ENGLISH VERMILION, 1, 7 lb. packets.

VERMILIONETTE, 1, 7 lb. packets.

YELLOWS.

CHROME, LEMON, MIDDLE, ORANGE, 1, 7 lb.
packets.

DUTCH PINK, 7 lb. packets, 1 cwt. casks.

YELLOW OCHRE, 7 lb. packets, 1 cwt. casks.

BLACKS.

BLUE, 7 lb. packets, 1 cwt. casks.

DROP, 7 lb. packets.

IVORY, " "

VEGETABLE, 1, $\frac{1}{2}$, 1 lb. packets.

NIGROSINE, 1 lb. tins.

BROWNS.

PURPLE, 7 lb. packets.

VANDYKE, 7 lb. packets.

SPANISH, " "

BURNT TURKEY UMBER, 7 lb. packets.

ENGLISH UMBER, 7 lb. packets, 1 cwt. casks.

BISMARCK, 1 lb. tins.

"AVENARIUS" preserves Wood, Brick, Stone, Cloth, Rope, etc., against dry-rot and decay; a
sure preventive of Dampness in Walls. White Ant Destroyer

Oils.

Dagger Brand Lubricating Oils.

GUARANTEED FREE FROM ACID, GUM,
OR GRIT.

Manufactured especially for us from the best
Pennsylvania Petroleum.

In 8 gal. cases. 2 tins in case.

HARVESTING OIL (also in 1, 2 gal. tins). Especially
adapted for all Farm Machinery.

GOLDEN ENGINE OIL. For Engines, Dynamos, etc

GOLDEN MACHINE OIL. For General Machinery

TRUCK OIL. For Car Axles, etc.

No. 1 CYLINDER OIL. 600 deg. Fah. Fire Test,
High Viscosity.

LOCOMOTIVE, ENGINE AND CYLINDER OIL. Dark
Green Color. Heavy Body.

BLUNDELL & SPENCES and other makers, in 5 gal.
Drums.

RAW AND DOUBLE BOILED LINSEED, COLZA, OLIVE,

TATTOO, WOOL MARKING, NEATSFOOT OILS.

CASTOR OIL, in 5 gal. drums or cases containing
17 gals.

CHINA OIL, in 10 gal. cases. Pure and denatured.

WOOD PRESERVING OIL, in 8 gal. cases.

NYE'S SEWING MACHINE OIL. 2 and 3 oz. bottles.

KEROSENE.

VENICE TURPS.

TURPENTINE.

Pratt's and Pine Tree.

Paperhangings, Etc.

PULPS, SANITARIES, GROUNDS, GOLDS, ETC. LATEST DESIGNS AND COLORINGS, SUITABLE FOR DRAWING, DINING, BEDROOMS, HALLS, STAIRCASES, &C.

DADOES, BORDERS, FRIEZES, CEILINGS. A LARGE AND WELL SELECTED STOCK SUITABLE FOR ALL DESCRIPTIONS OF DWELLINGS TO CHOOSE FROM.

ASSORTED BALES A SPECIALITY.

PATTERNS FORWARDED UPON APPLICATION

Sundries.

ALUM—POWDERED, LUMP.
ALUMINIUM—POWDERED, LEAF.
ALUMINIUM, $\frac{1}{2}$ PINT TINS.
BENZINE.
BENZOLINE.
BERLIN BLACK, $\frac{1}{2}$, $\frac{1}{4}$, 1 pints.
BORAX,
BRONZE—Gold, Silver, Copper, Green.
BRUNSWICK BLACK, $\frac{1}{2}$, $\frac{1}{4}$ 1 pints, quarts, $\frac{1}{2}$ and 1 gals.
CAUSTIC SODA. $\frac{1}{2}$, 1, 2, 5 lb. tins.
CREOSOTE WOOD PRESERVATIVE.
GUM BENZOIN.
GIANT CEMENT.
GLASS.—16, 21oz. All sizes.
GLUE. Powdered, in 1 lb. Packets.
 French, Russian Colonial.
 Le Pages, Liquid Glue, in 1 and 2 oz. Bottles; 1 gill and 1 pint Tins.
GOLD LEAF. Loose, Transferred.
HESSIAN. 50 yard Bolts.
KALSOMINE. Johnstone's. All Shades.
LEAD, CHAMPION'S, BURRELL'S, and other makers.
 Red. Genuine and No. 1 in 14, 28, 112 lb. Kegs.
 White. Genuine. Nos. 1 and 2, in 1, 2 lb. Tins; 7, 14, 28, 112 lb. Kegs
CALCIMO, ALL COLORS. A COLD WATER PREPARATION FOR INTERIOR DECORATION.
LITHARGE.
INDELIBLO. ALL COLORS. FOR EXTERIOR AND INTERIOR DECORATION. MIXES IN COLD WATER.
METHYLATED SPIRITS, in Tins, Drums, Quarter Casks, Hogsheads.
NAPHTHA.
MOTOR SPIRIT.
PUTTY. Bladders. 14, 28, 56, 112 lb tins.
PUMICE. Lump, Powdered (Fine, Medium, Coarse) and Fabric Blocks.
STAINS. Dry, Walnut, Mahogany, Rosewood, Oak
SPIRIT VARNISH. Oak, Mahogany, Cedar, Walnut, Ebony, in bottles and tins.

Table of Measurements for Wall Papers.

Approximate number of pieces of English Wall Paper required for any room (allowance to be made for doors and windows).

Measurem't. in feet round walls.	Height of Room in ft. from Skirting to Cornice.									
	6	7	8	9	10	11	12	13	14	15
	Number of Pieces required.									
32	4	4	5	5	6	6	7	7	8	8
36	4	5	5	6	6	7	7	8	9	9
40	4	5	6	6	7	8	8	9	9	10
44	5	5	6	7	8	8	9	10	10	11
48	5	6	7	7	8	9	10	10	11	12
52	6	6	7	8	9	10	10	11	12	13
56	6	7	8	8	9	10	11	12	13	14
60	6	7	8	9	10	11	12	13	14	15
64	7	8	9	10	11	12	13	14	15	16
68	7	8	9	10	11	12	13	15	16	17
72	7	9	10	11	12	13	14	15	17	18
76	8	9	10	11	13	14	15	16	17	19
80	8	9	11	11	13	15	16	17	18	20
84	9	10	11	12	14	15	17	18	19	21
88	9	10	12	12	14	16	17	19	20	22
92	9	11	12	13	15	17	18	19	21	22
96	10	11	13	13	16	17	19	20	22	23
100	10	12	13	13	16	18	20	21	24	24

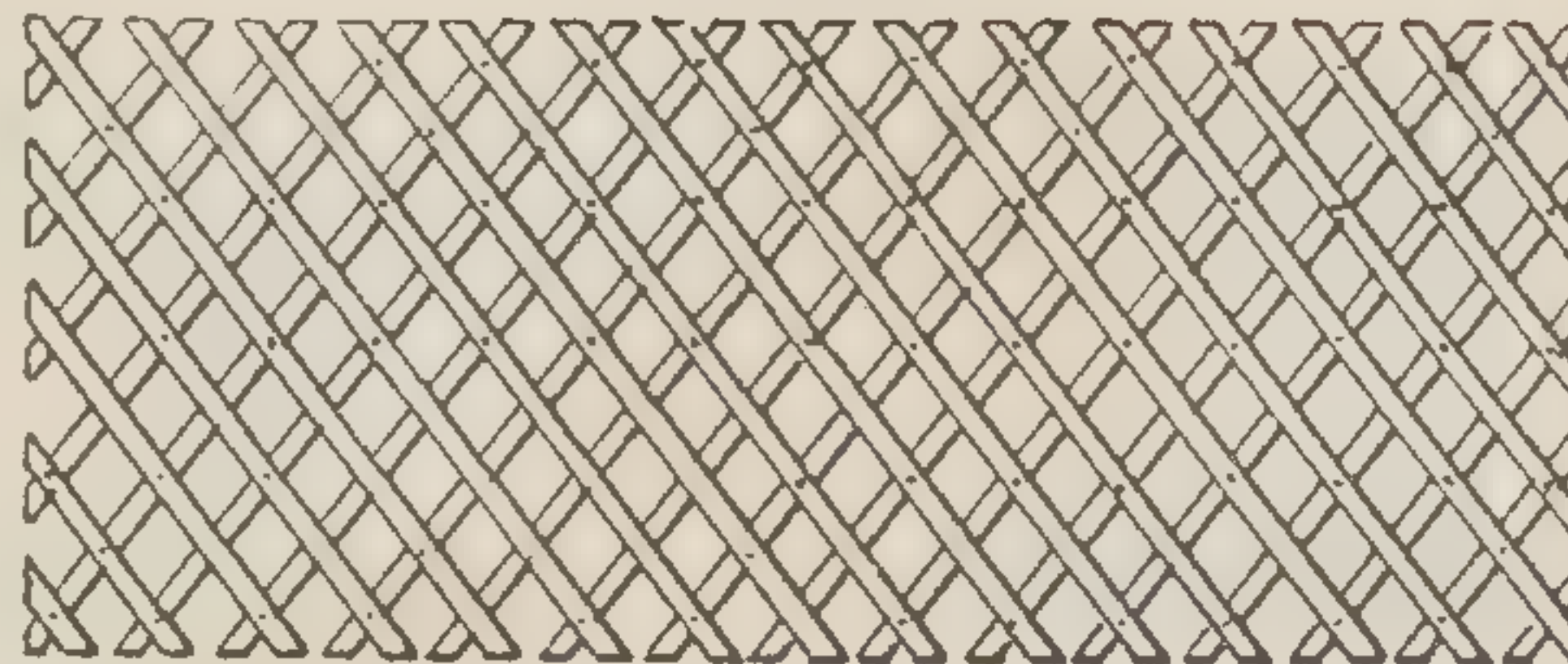
OIL VARNISH, SAPOLIN. Brand and Rodgers. Oak, Mahogany, Walnut, Rose, Cherry, Green. $\frac{1}{2}$, 1, 2 pint tins
SCRIM FOR PLASTERERS, in 50 yd. Bolts.
STRAW HAT REVIVER. All Colors.
SECCOTINE.
SIZE. Cannon's Concentrated. $\frac{1}{2}$, $\frac{1}{4}$, 1 lb. packets.
SILVER LEAF.
SHELLAC. Orange, Button and White.
SQUARES. Glaziers, Laths.
VARNISH. TURNER'S, DOCKER'S, HARLAND'S, AND BORTHWICK'S. $\frac{1}{2}$, $\frac{1}{4}$, 1, 2 pint, $\frac{1}{2}$, 1 gal. tins.
 Carriage Copal, Copal, Oak, Black Japan, Gold Size, Terebine, White Hard Spirit, Brown Hard Spirit, French Polish, Knotting, Crystal Paper.
ZINC WHITE, in Oil; B. & S., and HUBBOCK'S. 14, 28, and 112 lb. Kegs.
PITCH—2, 4, 7, 14 lb. Boxes. Half Barrels, Barrels.
PLASTER OF PARIS.
RADDLE, RED AND BLUE, in 28 lb. Boxes.
RESIN.
SULPHUR. SULPHATE OF COPPER.
SULPHATE OF IRON.
TAR, STOCKHOLM, Drums and Tins. Small and Large.
 „ COAL, in Drums.
WHITING.

Trellis, Etc.

3-INCH MESH (PLACED). SIZE OF LATHS $\frac{1}{2}$ INCH BY 1 INCH.



No.	Closed.	Open.
3	2½ ft. and 1½ ft.	12 ft. and 1 ft.
6	" " 3 "	" " 2 "
8	" " 4 "	" " 3 "
11	" " 5½ "	" " 4 "
13	" " 6½ "	" " 5 "
15	" " 8 "	" " 6 "
17	" " 9 "	" " 7 "
19	" " 10½ "	" " 8 "



The above illustration represents a New Folding Wood Lattice, most admirably adapted for a variety of ornamental and horticultural purposes for gardens, trellis, protection against frost, or for fowl runs, etc. It is specially suitable for training peas, beans, etc.; will last for several seasons, is very portable when closed, and is easily stacked away for the winter.



FOOT-POWER EMERY GRINDER.

SHEEP DIP.

COOPER'S POWDER, in Cases.

QUIBELL'S LIQUID, } in 1, 3, 5
LITTLE'S " } gallon
drums.

DISINFECTANT.

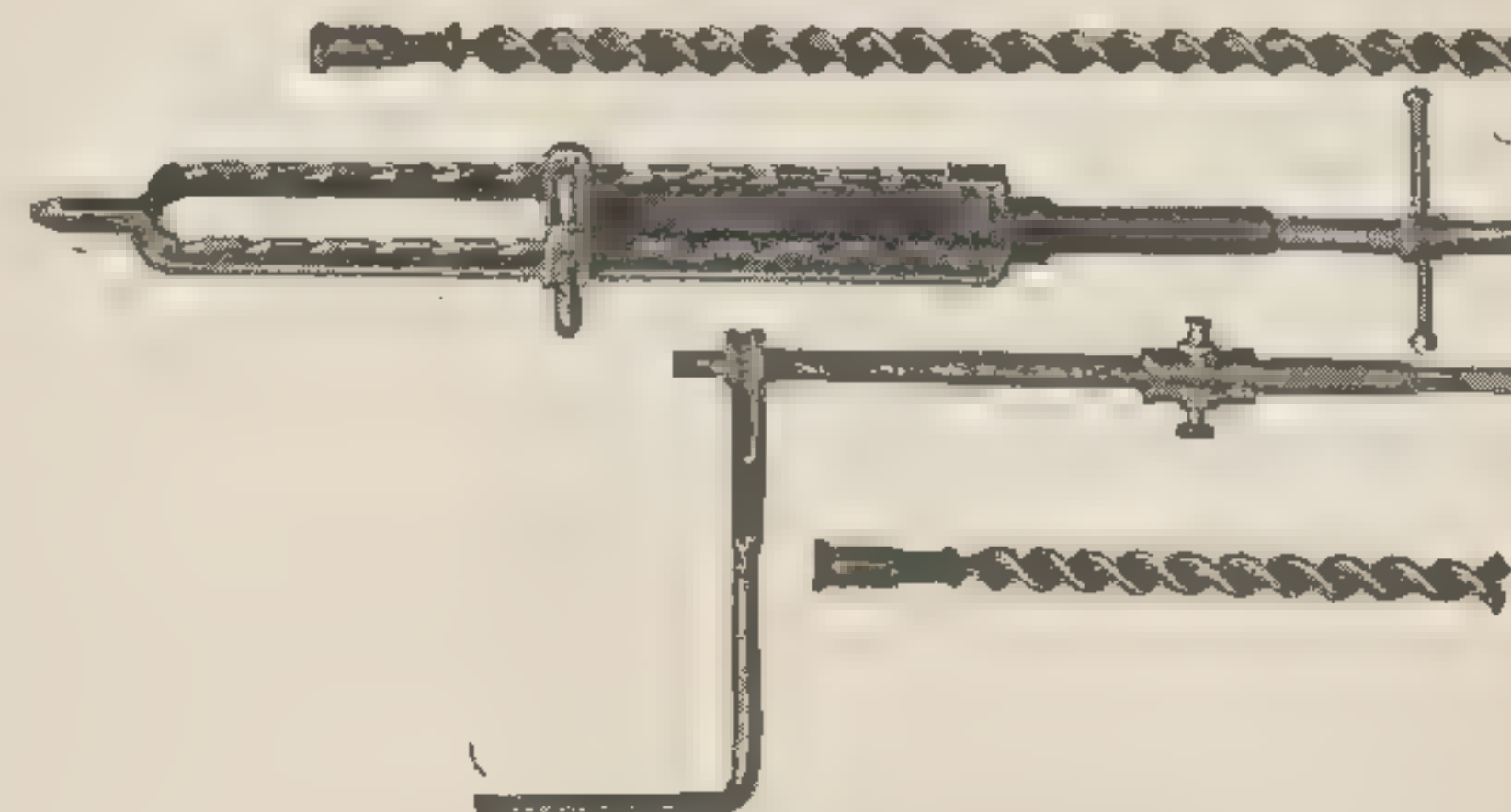
Carbolic in Bottles, Tins,
Drums, Casks.



ALL TAGS

manufactured by us
have the patent eye-
lets attached by our
patented waterproof
gum.

SHIPPING TAGS. Nos. 1 to 6.



IMPROVED LITTLE TIGER COAL BORING MACHINE.

Metric System (Colenso)

The Metric System is so called from the French word "mètre," the name given to a line measuring 39.37 inches, adopted by the French Legislation in 1799 as the standard unit of linear measure and which at that time was supposed to be the ten-millionth part of the distance from the Equator to the Pole, but since been proved to be erroneous.
The Metric System has four principal units all depending on the metre:—

1. The Metre	39.37 inches.
2. The Are	120 square yards.
3. The Litre	61 cubic inches.
4. The Gram	15½ grains.

MEASURES OF LENGTH.

1 Millimeter (mm.) =	0.03937079 inch, or about $\frac{1}{25}$ inch
10 Millimeters = 1 Centimeter (cm.)	0.3937079 "
10 Centimeters = 1 Decimeter (dm.)	3.937079 "
10 Decimeters = 1 meter (m.)	39.37079 inches, 3.280899 feet, or 1.09361 yards
10 Meters = 1 Dekameter (Dm.) =	32.808392 feet
10 Dekameters = 1 Hektometer (Hm.)	19.97817 rods
10 Hektometers = 1 Kilometer (Km.)	1093.61 yards, or 0.6213724 mile
10 Kilometers = 1 Myriameter (Mm.)	6.213724 miles
Inch	0.0254 metre
Foot	0.3048 "
Yard	0.91438 "
Pole	5.0291 metres
Chain =	20.1164 "
Furlong =	201.1614 "
Mile =	1609.3149 metres or 1.6093 Kilom.

MEASURES OF WEIGHT.

1 Gramme (g.) =	15.4324874 gr. Troy, or 0.03215 oz. Troy, or 0.03527398 oz. avoird.
10 Grammes = 1 Dekagramme (Dg.) =	0.3527398 "
10 Dekagrammes = 1 Hektogramme (Hg.)	3.527398 "
10 Hektogrammes = 1 Kilogramme (Kg.)	2.20462125 lbs.
1000 Kilogrammes = 1 Tonne (T.) =	2204.62125 lbs., or 1 10.3 tons of 2000 lbs., or 0.9842 ton of 2240 lbs., or 19.68 cwt.
Gram	0.048 gram
Penn. weight	1.55317 "
Ounce Troy	31.1035 grams
Pound	373.24195 "
Dram	1.77184 gram
Ounce Avoirdupois	28.34954 grams
Pound	453.59265 "
Quarter =	12.70059 Kilometers
Hundredweight =	50.80238 "
Ton =	1016.0475 Kilometers, or 10 160475 quintals, or 1 0160475 mi. her.

MEASURES OF CAPACITY.

1 Liter (l.) = 1 cubic decimeter =	61.0270515 cubic in., or 0.03531 cu. ft., or 1.0567 liquid qts., or 0.908 dry qt., or 0.26417 Amer. gal.
10 Liters = 1 Dekaliter (Dl.) =	2.6417 gal., or 1.135 pk.
10 Dekaliters = 1 Hektoliter (Hl.) =	2.8375 bu.
10 Hektoliters = 1 Kiloliter (Kl.) =	61027.0515 cu. in., or 28.375 bu.
Pint	56755 litre
Quart	1.13510 "
Gallon	4.54041 litres
Bushel	36.8233 "
Quarter	290.586 "

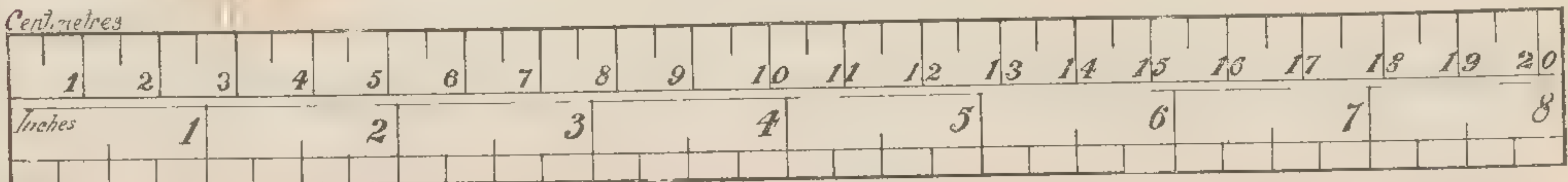
MEASURES OF SURFACE.

Square decimetre	15 50059 square inches
" metre =	1.19603 square yards, or 10 76429 square feet
Hectare	2.47114 acres
Are	0.02471 acres
Square inch	6.45137 square centimetres
" foot	9.2903 square decimetres
" yard	8361 square metre (centiare)
" pole	2529 are
Rood	10.11878 ares
A re	40.4678 ares, or 40467 hektes

MEASURES OF SOLIDITY.

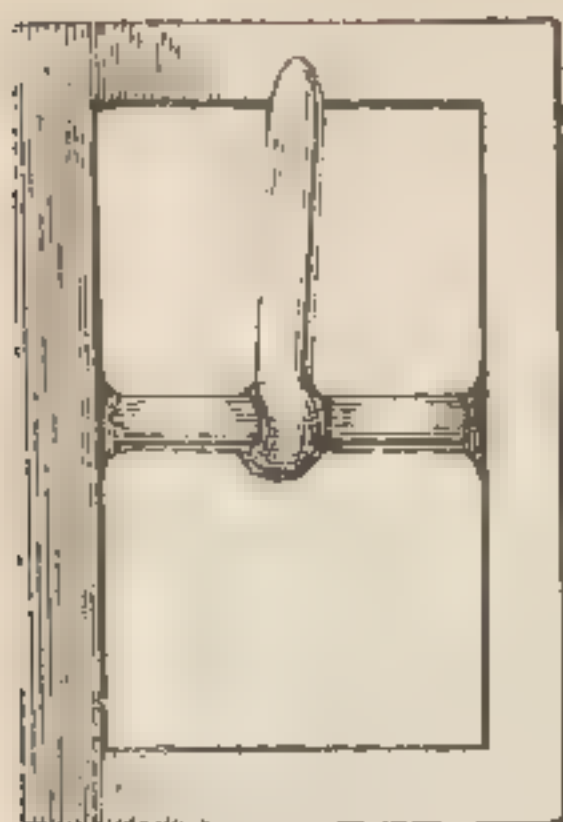
Cubic decimetre =	61.02705 cubic inches
" metre =	36.31658 cubic feet, or 1.30802 cubic yards
" inch =	16.38618 cubic centimetres
" foot =	28.3168 cubic decimetres
" yard =	7645 cubic metre

Centimetres

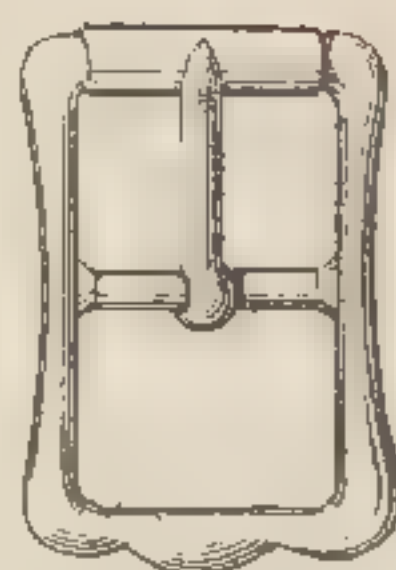


SADDLERY and HARNESS.

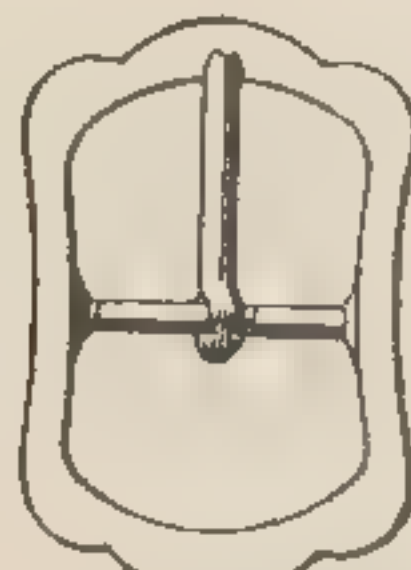
Buckles.



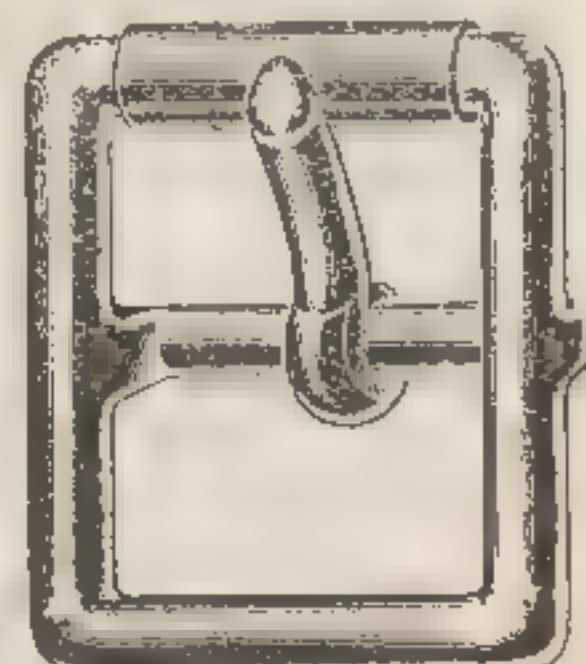
WHOLE SQUARE BRIDLE BUCKLE.
Tinned, Nickel-plated and Solid Nickel.
 $\frac{1}{2}$ to $1\frac{1}{4}$ inch.



VICTORIA BRIDLE BUCKLE.
with Roller, Tinned and Nickel-plated.
 $\frac{1}{2}$ to $1\frac{1}{4}$ inch.



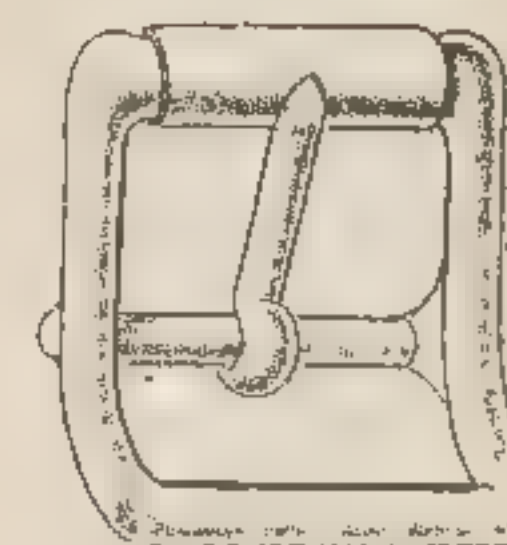
VICTORIA BRIDLE BUCKLE.
Tinned, Nickel-plated and Solid Nickel.
 $\frac{1}{2}$ to $1\frac{1}{4}$ inch.



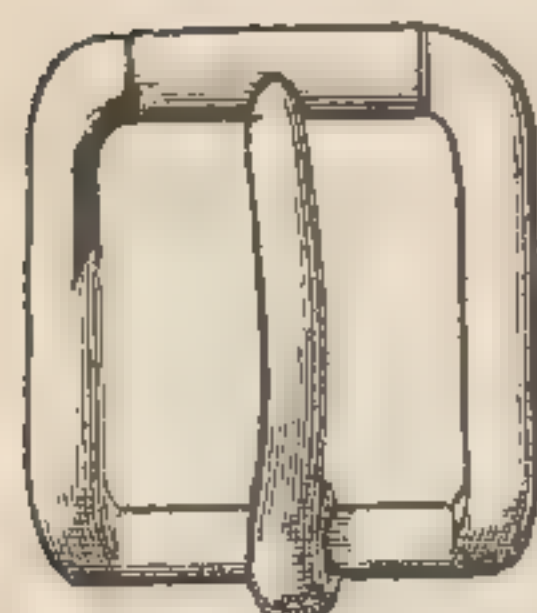
WHOLE MILITARY ROLLER BRIDLE BUCKLE.
Solid Nickel and Brass.
 $\frac{3}{8}$ to $1\frac{1}{2}$ inch.



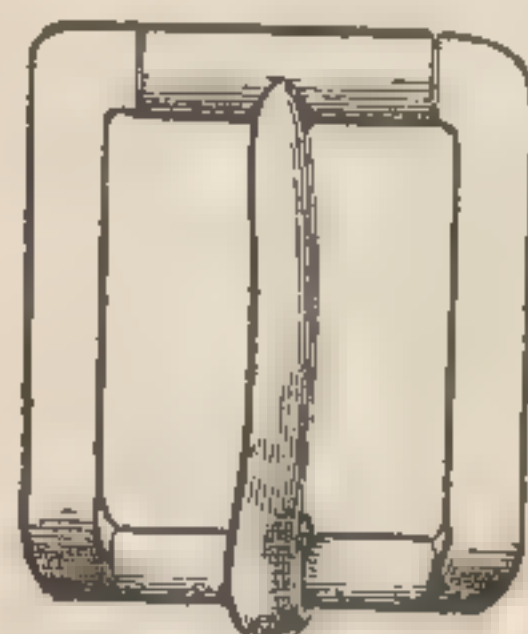
DEE BUCKLE.
Tinned, Plated and Solid Nickel.
Also Leather Covered.
 $\frac{1}{2}$ to 1 inch.



ROLLER SKATE BUCKLE.
Nickel-plated.
 $\frac{1}{2}$ in. to 1 in.



WIRE ROLLER BUCKLE.
Solid Nickel and Brass,
 $\frac{1}{2}$ to 2 in.



FLAT TOP ROLLER BUCKLE.
Solid Nickel, Nickel-plated and Brass.
 $\frac{1}{2}$ to 2 in.



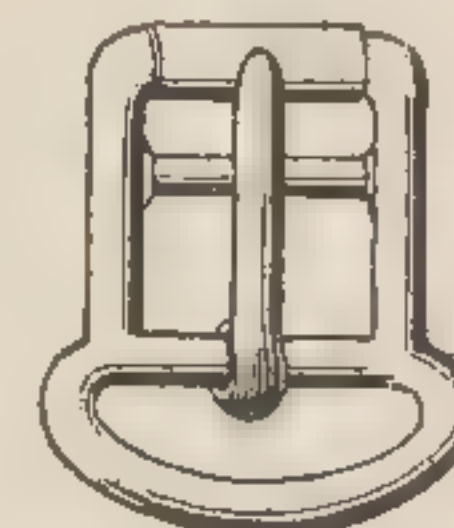
PLAIN GIRTH BUCKLE.
Tinned.
1 inch.



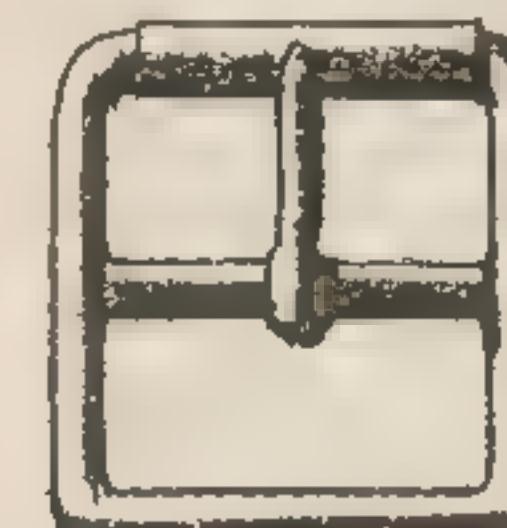
BARRED GIRTH BUCKLE. Tinned.
1 inch.



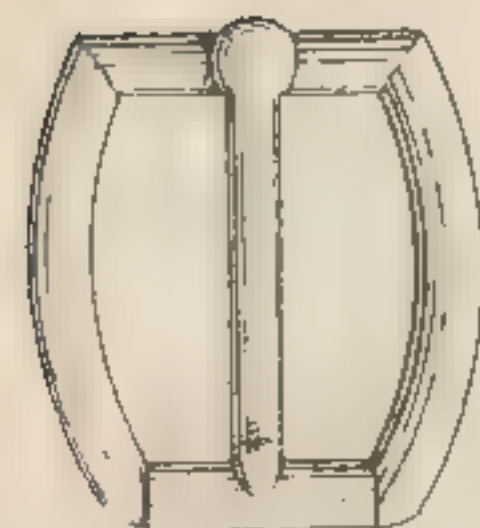
INLET BUCKLE.
Japanned.
Nickel-plated.
Solid Nickel.
 $\frac{3}{8}$ to 1 inch.



BARRED AND LOOPED GIRTH BUCKLE.
Tinned.
1 inch.



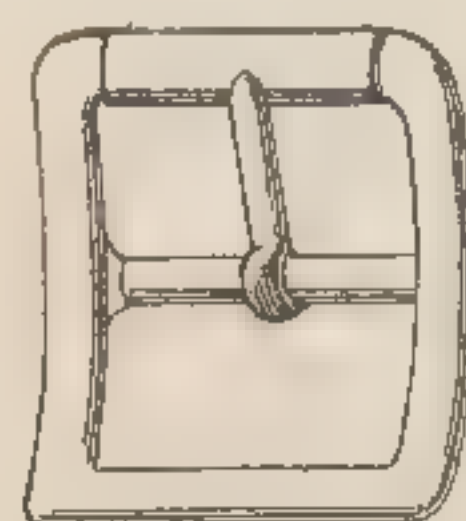
STIRRUP BUCKLE.
Polished Brass.
N.P. and Solid Nickel.
1 to $1\frac{1}{2}$ in.



POLE STRAP BUCKLE.
Japanned and Nickel-plated, Solid Nickel and Brass.
 $1\frac{1}{4}$ to $1\frac{1}{2}$ inch.



GEAR BUCKLE.
Japanned and Tinned.
1 to 3 inch.



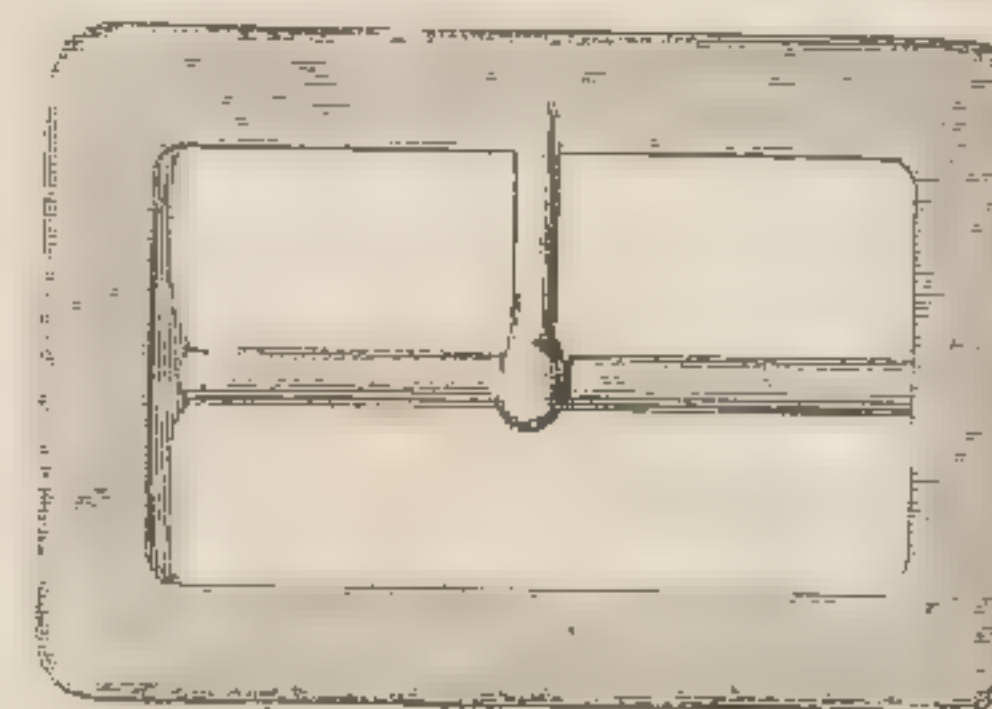
JAPANNED HOBBLE BUCKLE.
 $1\frac{1}{4}$ to $1\frac{1}{2}$ in.



SHORT LEG ROLLER BUCKLE.
Tinned, Plated and Brass.
 $\frac{1}{2}$ to $1\frac{1}{2}$ in.

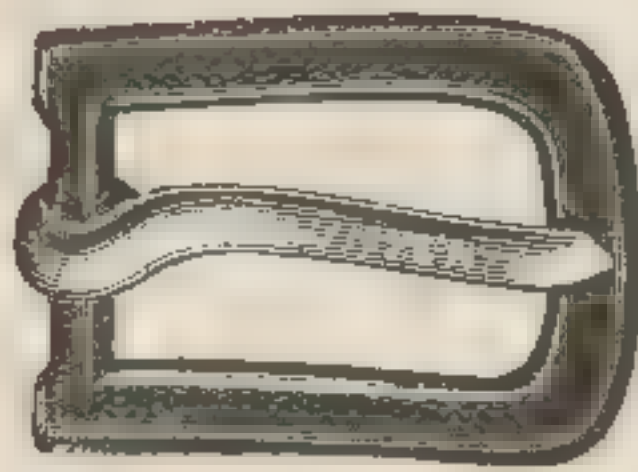


SNAKE PATTERN BELT FASTENER.

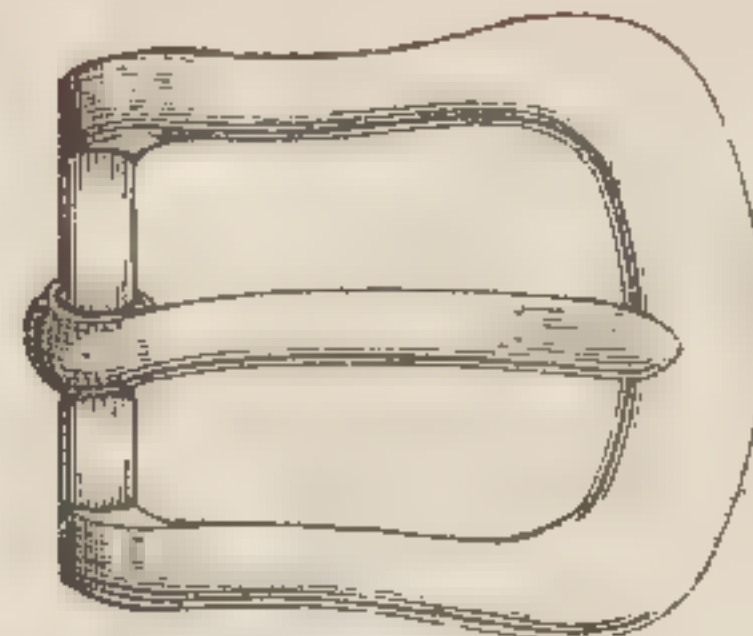


BELT BUCKLE.
Nickel-plated and Solid Nickel. Fancy Assorted Patterns.
1 to $3\frac{1}{2}$ in.

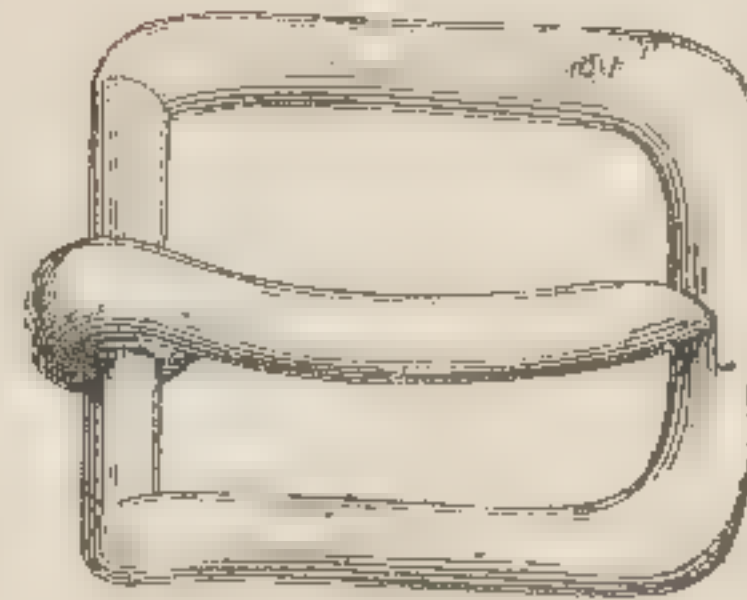
Buckles—Continued.



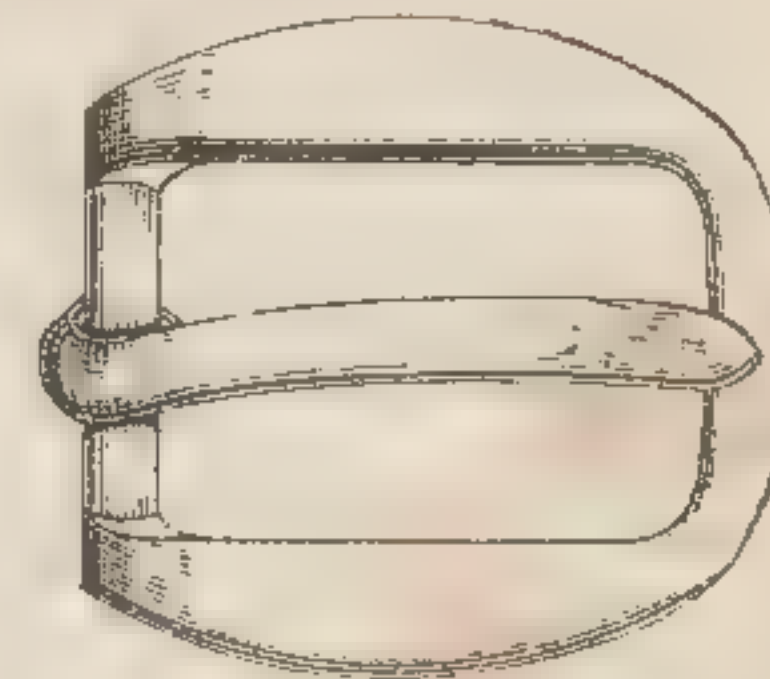
IMITATION AND REAL RUBBER HARNESS BUCKLES.
 $\frac{1}{2}$ to 1 in., Tug 1 to $1\frac{1}{2}$.
 Roller. $\frac{5}{8}$ to 1 in.



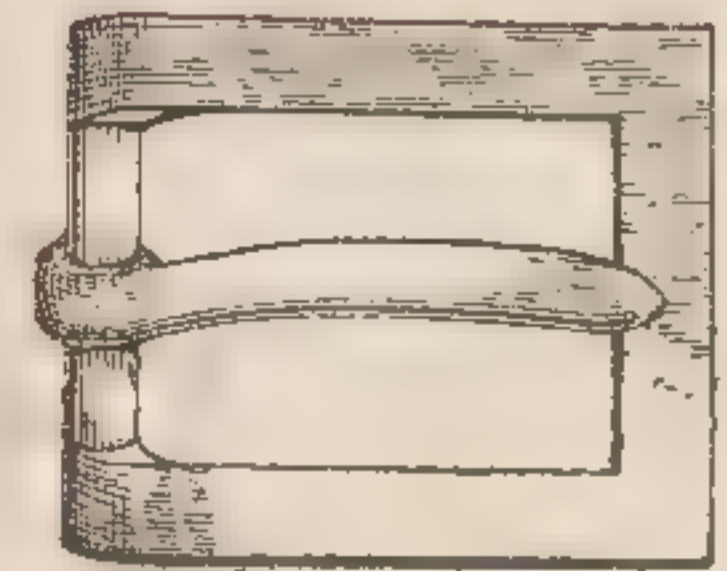
SWELL FRONT HARNESS BUCKLE.
 $\frac{5}{8}$ to $1\frac{1}{2}$.
 Solid Nickel, Brass.
 Tug, $1\frac{1}{2}$ to 2 in.



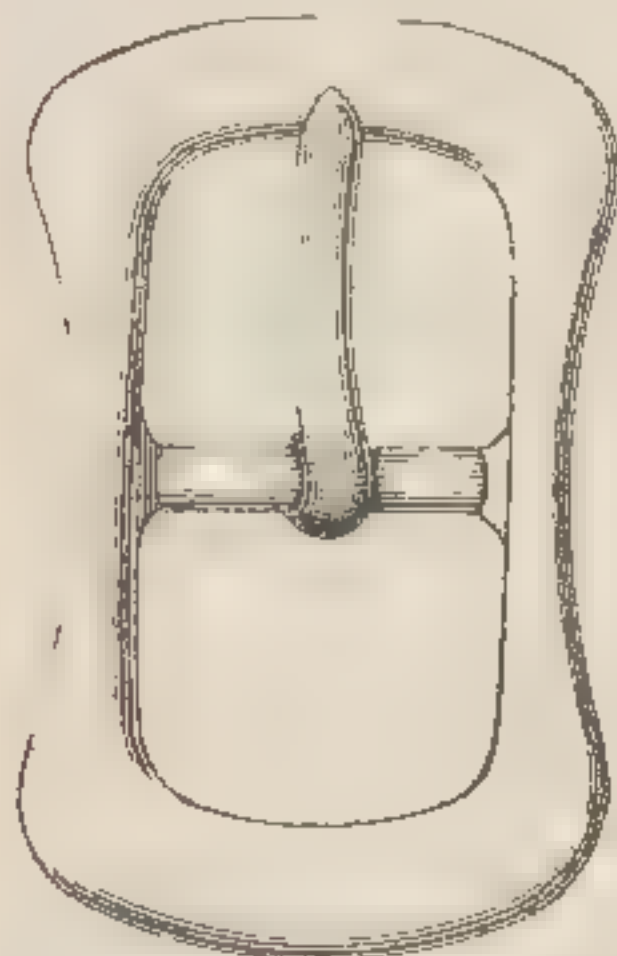
HALF-WIRE HARNESS BUCKLE.
 Nickel-plated, Solid Nickel and Brass.
 $\frac{5}{8}$ to $1\frac{1}{2}$ inch.
 Tug, 1 to 2 in.



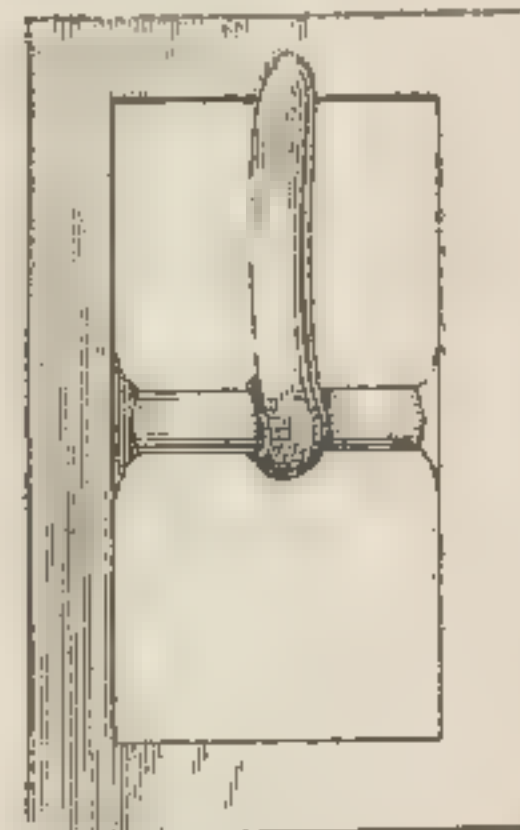
SWAGED HARNESS BUCKLE.
 Brass.
 $\frac{5}{8}$ to $1\frac{1}{2}$ inch.
 Tug, $1\frac{1}{2}$ inch.



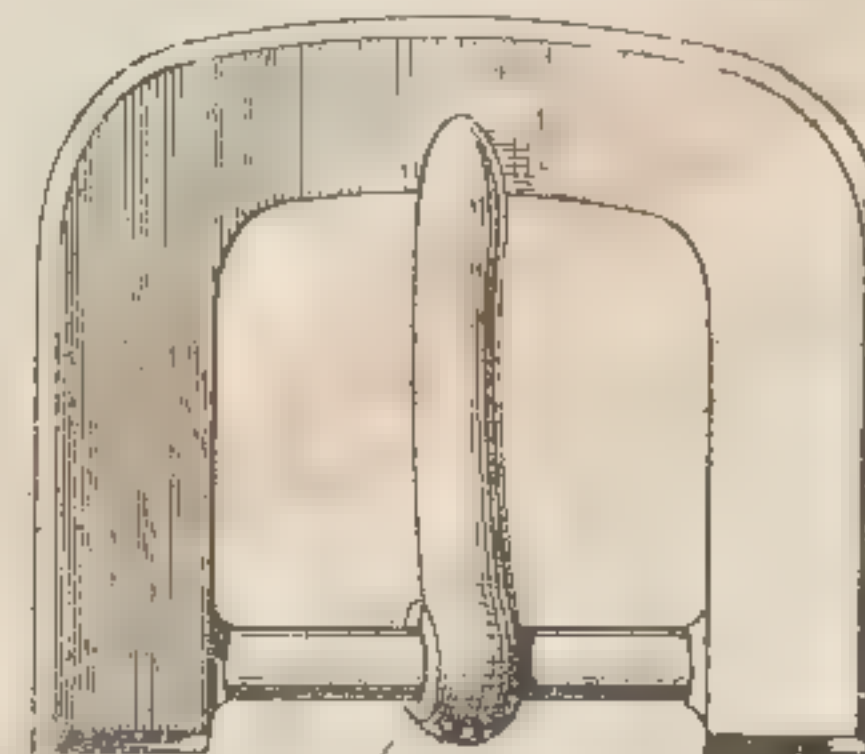
HALF-SQUARE FLAT-TOP HARNESS BUCKLE.
 Solid Nickel and Brass.
 $\frac{5}{8}$ to $1\frac{1}{2}$ inch.
 Tug, $1\frac{1}{2}$ to 2 in.



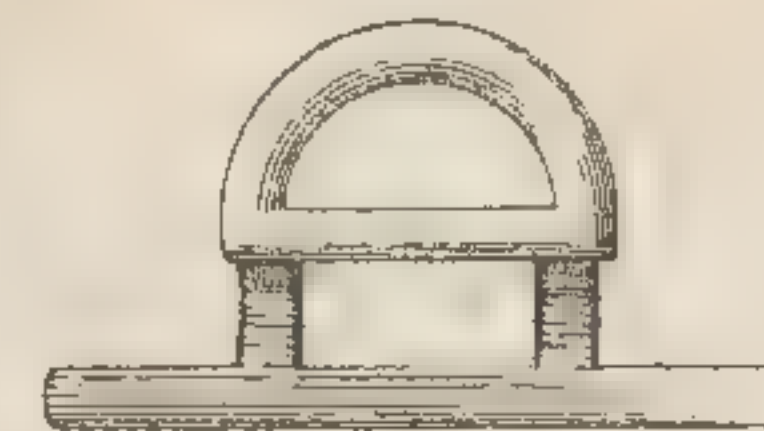
WHOLE SWELL FRONT HARNESS BUCKLE.
 Solid Nickel, $\frac{5}{8}$ to $1\frac{1}{2}$.
 Tug $1\frac{1}{2}$ to 2 in.



WHOLE FLAT TOP HARNESS BUCKLE.
 Solid Nickel and Brass,
 $\frac{5}{8}$ to $1\frac{1}{2}$, Tug 1 to $1\frac{1}{2}$ in.
 Pair Horse, $1\frac{1}{2}$ to $1\frac{1}{2}$ inch
 Ditto, with Bevelled Edges.



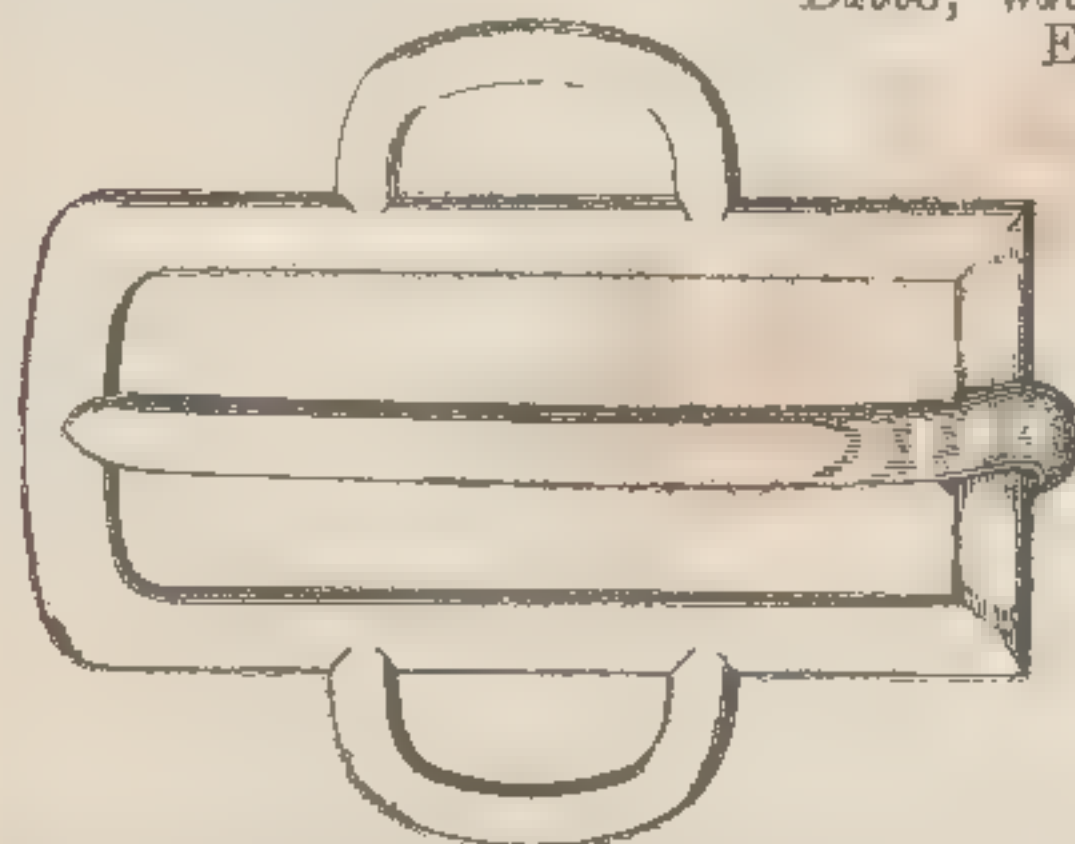
LEEDS' HALF-CART BUCKLE.
 Solid Nickel, Brass. 1 to 3 in.



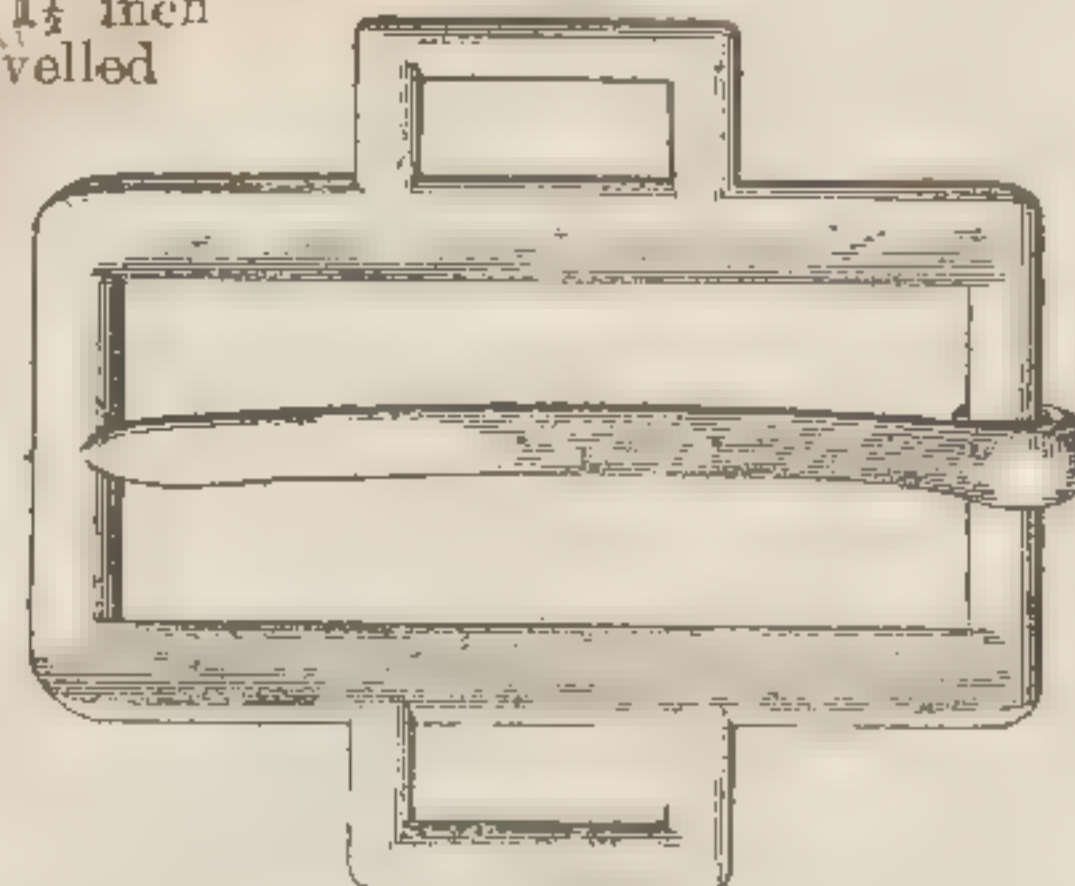
BREECHING DEE.
 Brass or Nickel, $\frac{5}{8}$ to $1\frac{1}{2}$ in.



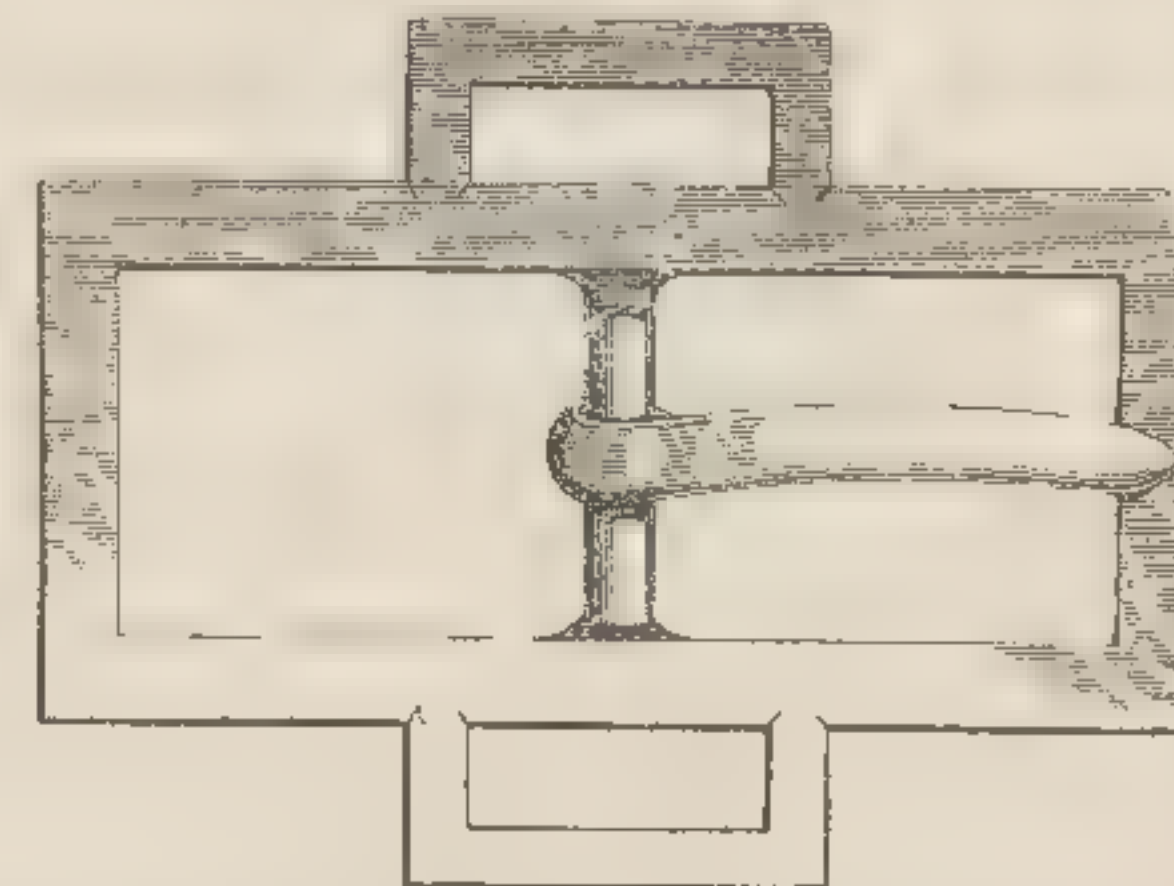
DEE.
 Saddle, Harness,
 Dog Collar,
 Tinned, $\frac{5}{8}$ to $1\frac{1}{2}$ in.
 Plated, $\frac{5}{8}$ to $1\frac{1}{2}$ in.
 Nickel, $\frac{5}{8}$ to 3 inch.
 Brass, $\frac{5}{8}$ to 3 inch.
 Japanned, $1\frac{1}{2}$ to 3 in.



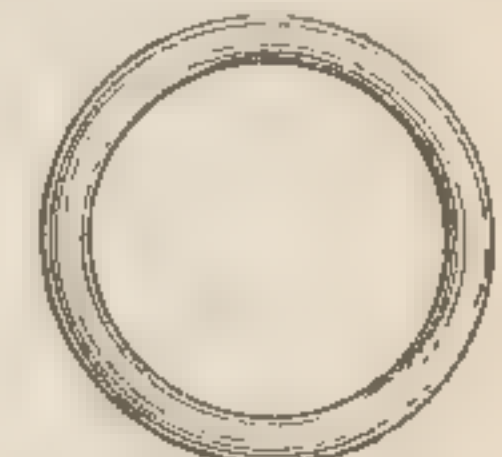
HALF-WIRE WEST END LOOP COLLAR BUCKLE. Solid Nickel and Brass. $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{1}{2}$ in.



HALF FLAT TOP LOOP COLLAR BUCKLE. Solid Nickel and Brass. $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{1}{2}$ in.



WHOLE FLAT LOOP COLLAR BUCKLE. Solid Nickel and Brass. $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{1}{2}$ in.



RING.
 Breeching—Brass,
 Nickel, $\frac{5}{8}$ to $2\frac{1}{2}$ inch.
 American Plated,
 $\frac{5}{8}$ to 2 in.
 Gear Tinned $1\frac{1}{2}$ to
 2 in.
 Gear, Japanned, $1\frac{1}{2}$
 to 3 inch.
 Martingale, Ivory,
 Rubber, Brass,
 Nickel, Tinned,
 $\frac{3}{4}$ to $1\frac{3}{4}$ inch.

Ornaments, Etc.

BRASS, NICKEL-PLATED AND SOLID NICKEL. ALL SIZES.



No. 1.

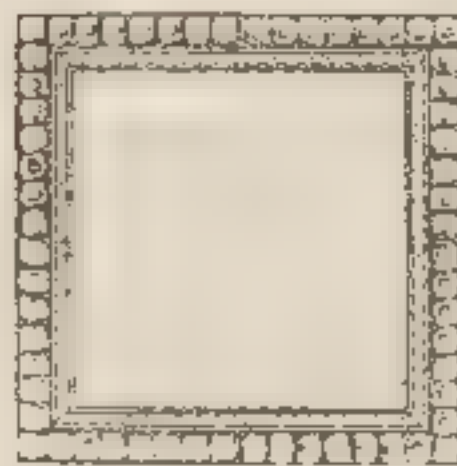


No. 2.

ROSETTES.



No. 3.



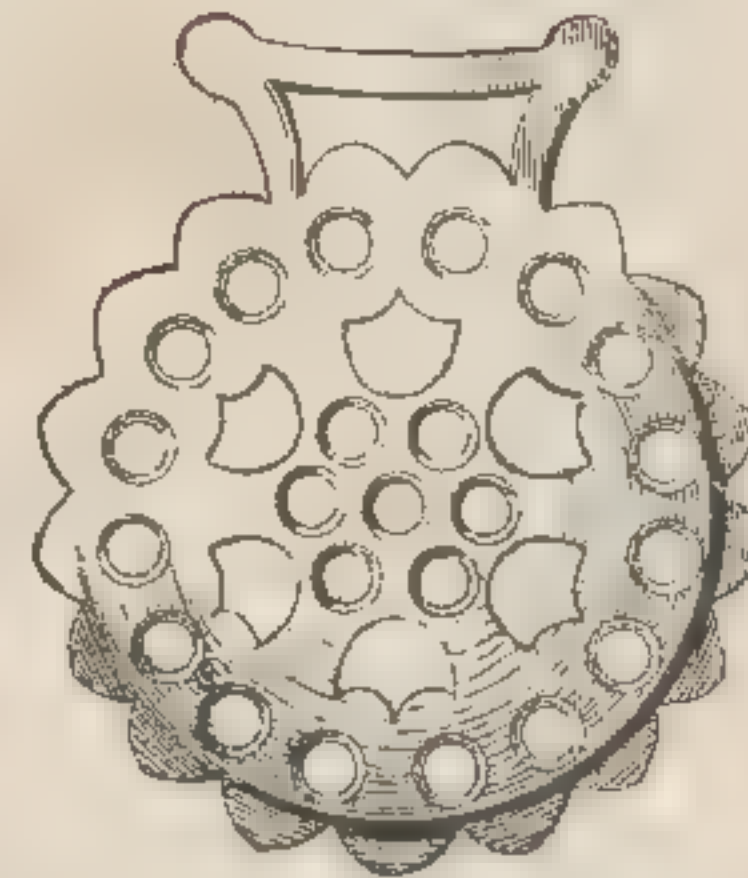
No. 4.



NOSEPIECE.



TRACE SQUARE.



FACE PIECE.



SHIELD.



HEART.



OVAL.



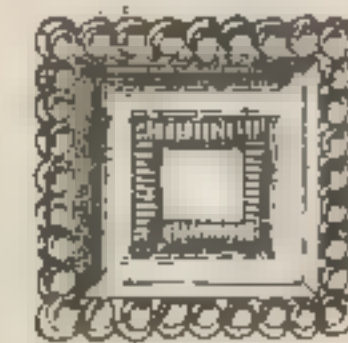
DIAMOND.



OCTAGON.

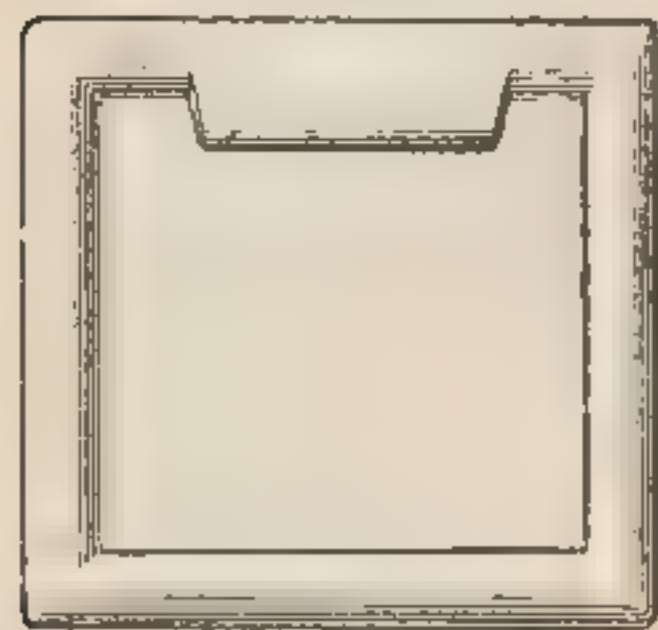


No. 1.

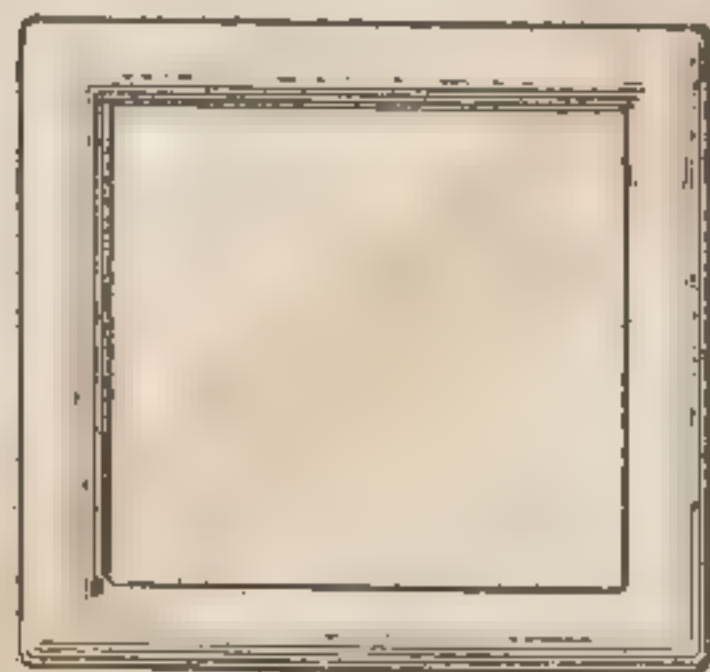


No. 2.

ORNAMENTS—Brass, Nickel-Plated, and Solid Nickel. All Sizes.



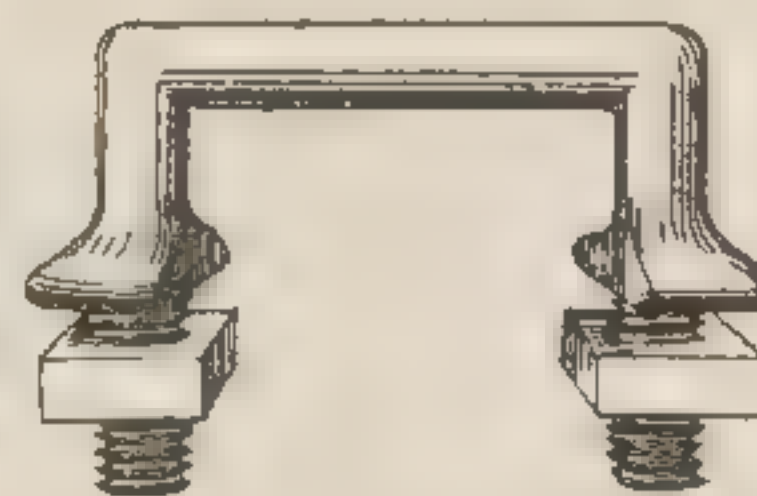
STOPPED SQUARE.
Tinned, Brass, and N.P.



PLAIN SQUARE.
Tinned, Brass, and N.P.



TUG LOOP.
1 to 2 in.
Tinned, Brass, and N.P.



FLAP LOOP.
1 1/4 to 1 1/2 in.



CHAIN FRONT,
Brass or Nickel, 1/4 to 1 in.
Assorted Patterns.

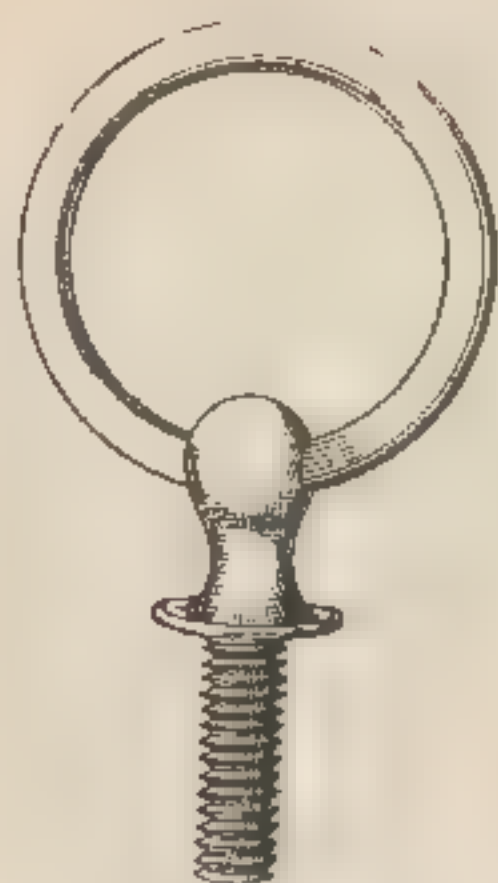
NAILS—SADDLE, Nickel and Brass.

CART, " " "

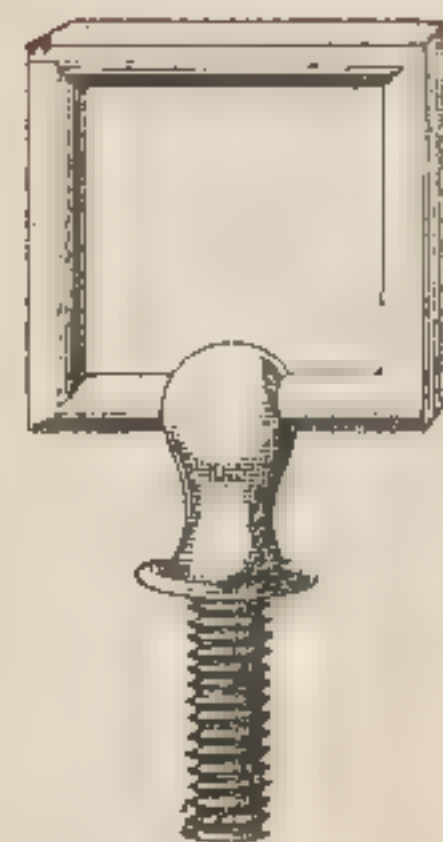
BEADING, BRASS AND NICKEL-PLATED, 1/2, 5/8 and 3/4 in.

FRONTS—Inlaid Riding, 5/8, 3/4, 7/8, 1 in.
Patent Leather Riding, 5/8, 3/4, 7/8, 1 in.
Patent American, 5/8, 3/4 in.
Pat. Clinched Chain Fronts, on Leather,
1/4, 3/8, 1/2, 5/8 in. Nickel or Brass.
On Black, Brown, White, Blue, and Red
Leather.

Terrets, Pedestals, Etc.



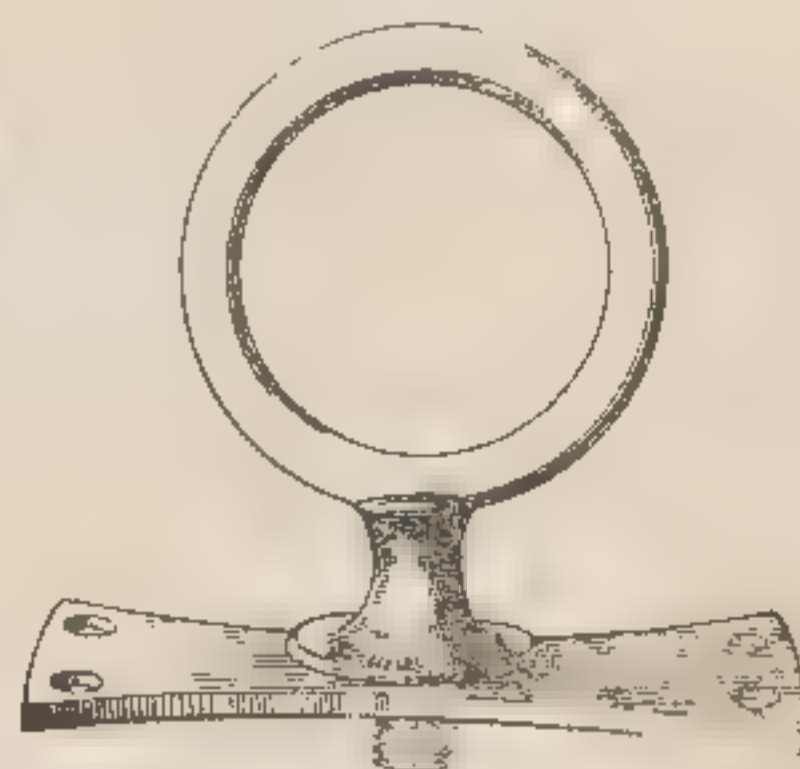
WIRE BALL TERRET.
Brass or Solid Nickel.



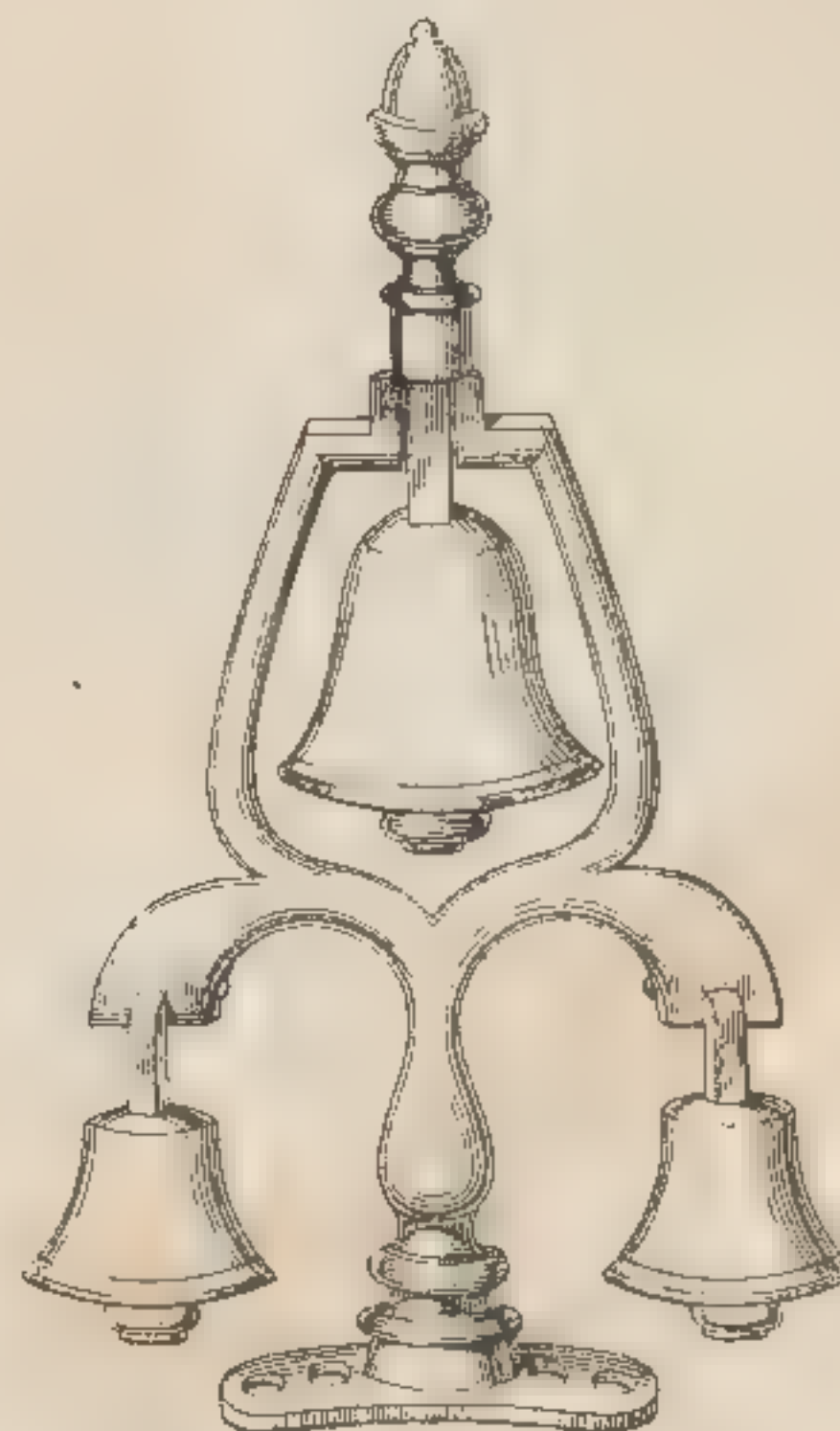
SQUARE BALL TERRET
Brass or Solid Nickel.



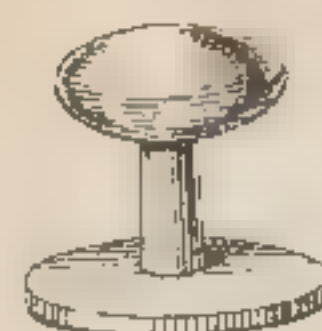
FLY TERRET.
Brass or Solid Nickel.



SPRING CART TERRET.
Brass and Solid Nickel.



BELL FLY TERRET.
1, 2, 3 Bells.
Brass or Solid Nickel.



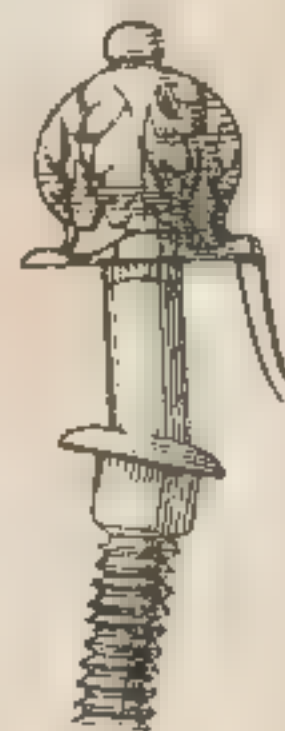
STUD.
Brass, Nickel and
Plated



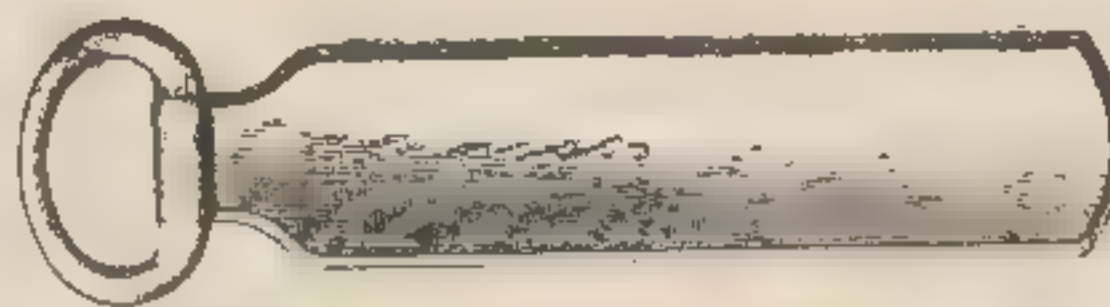
No. 1.



No. 2.
PEDESTALS.



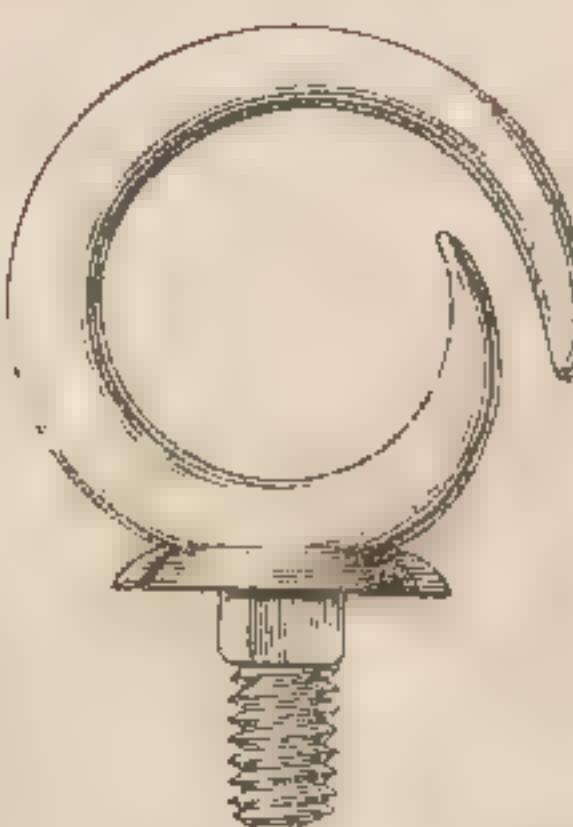
No. 3.



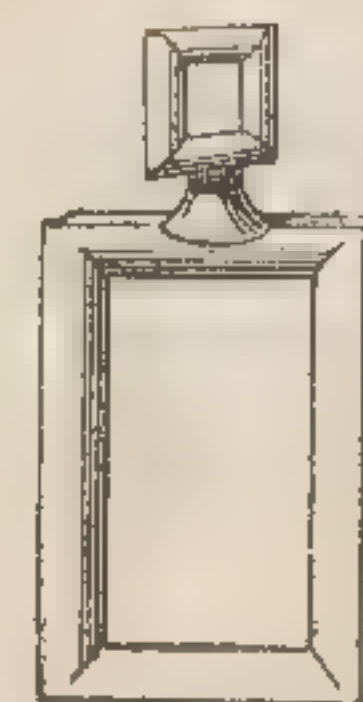
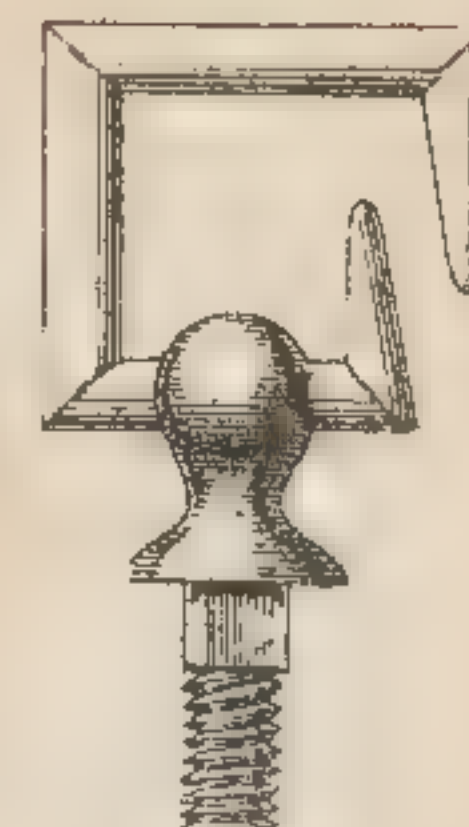
PAD CRUPPER LOOP,
Nickel or Brass.



**FALL DOWN
STAPLE TO CLINCH.**
Nickel, $\frac{1}{4}$, $\frac{1}{2}$ in.



CARRIAGE PAD HOOKS.
Round. Square.
Solid Nickel or Brass.



EAR SWIVEL.
SQUARE BALL
Solid Nickel or Brass.
 $\frac{5}{8}$ to $\frac{1}{2}$ in.



**WIRE BALL
EAR SWIVEL.**
Solid Nickel or Brass.
 $\frac{5}{8}$ to $\frac{1}{2}$ in.

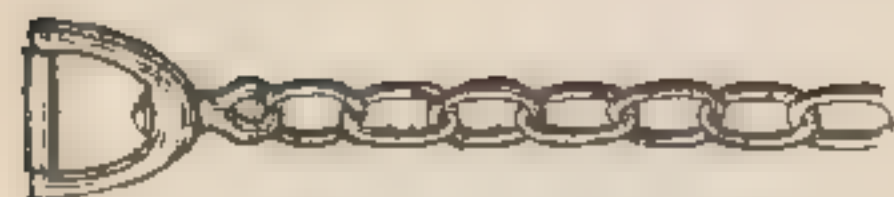


**FALL DOWN
STAPLE TO SCREW.**
Nickel, $\frac{1}{4}$, $\frac{1}{2}$ in.



SADDLE STAPLE.
Tinned, Plated, Brass.
Solid Nickel,
 $\frac{1}{4}$, $\frac{1}{2}$, 1 in.

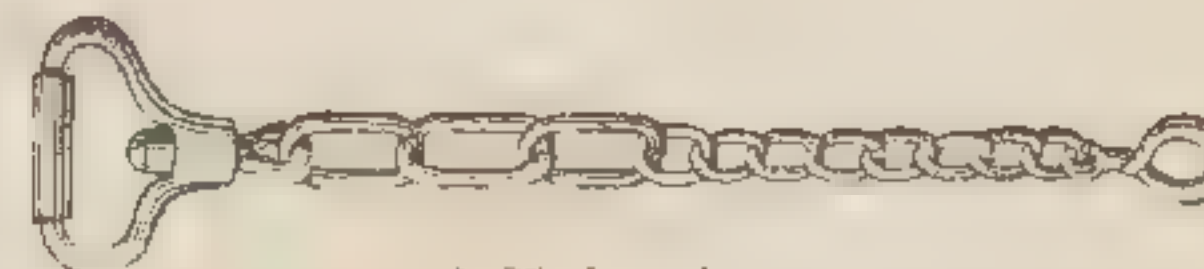
Chains.



IMPROVED TRACE END CHAIN,
1½, 2 inch.



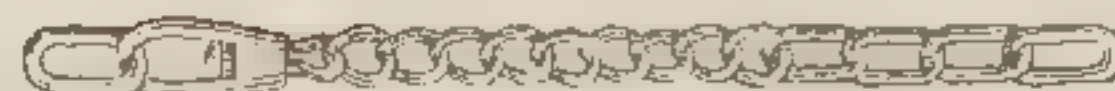
TRACE END CHAIN.
Jappanned and Polished, 1½, 1¾, 2 inch.



STUB TRACE END,
1½, 2 in.



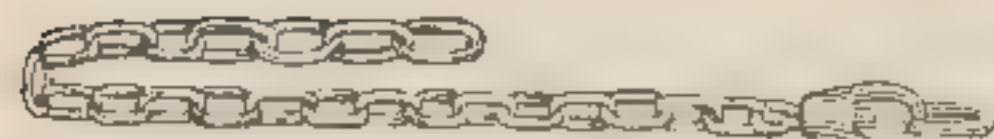
PLAIN TUG CHAIN.



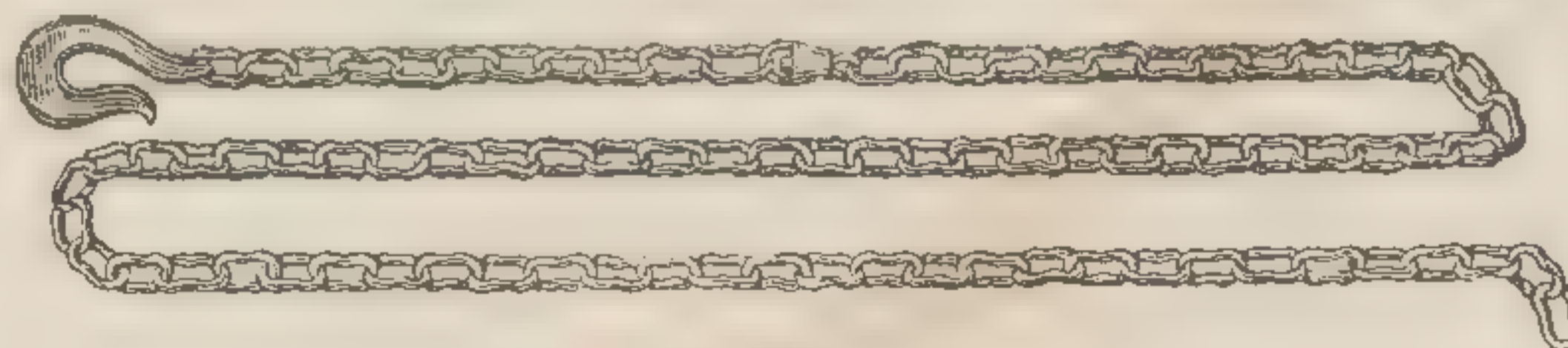
TUG CHAIN, WITH SWIVEL,
Medium and Heavy.



HALTER OR RACK CHAIN.



SPRING CART TRACE CHAIN.
1 to 10 lbs. 6 feet long.



TRACE CHAIN,
T. P. JONES and other makers.
Bright Plough, 7 to 12 lbs./ Bright Trace, 12 to
32 lbs.



HOPPLE CHAIN, WITH SWIVEL.
12 Rings x ½, 5-16, ¾ in.



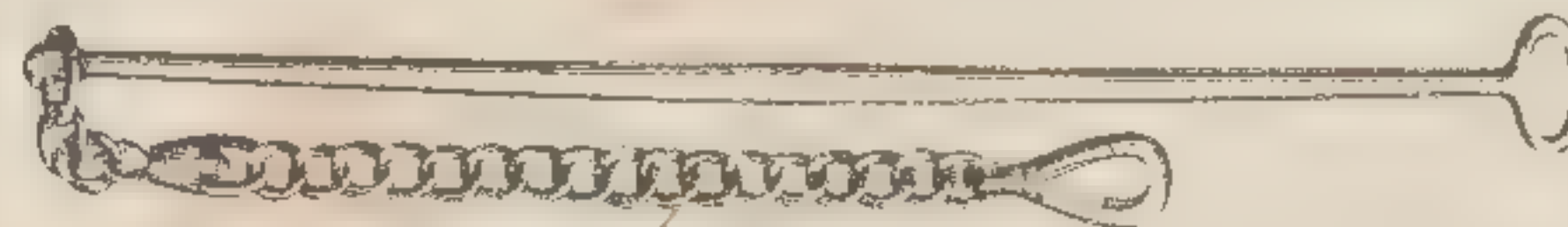
CURB CHAIN.



STALLION CHAIN.



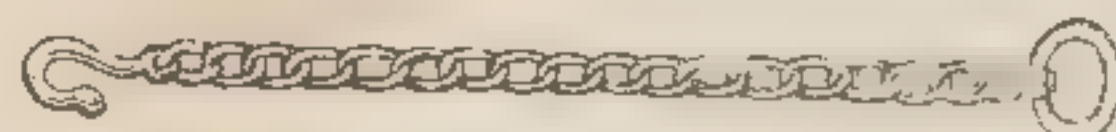
LORRY POLE CHAIN.



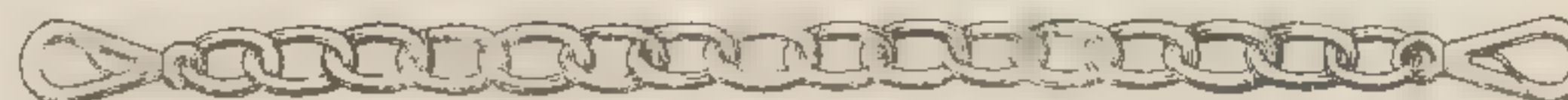
STALLION BAR AND CHAIN.



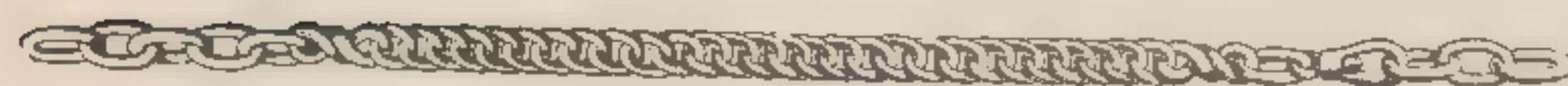
BREECHING CHAIN.
2½, 3, 3½, 4 inch.



WATERING CHAIN.



CARRIAGE POLE CHAIN.

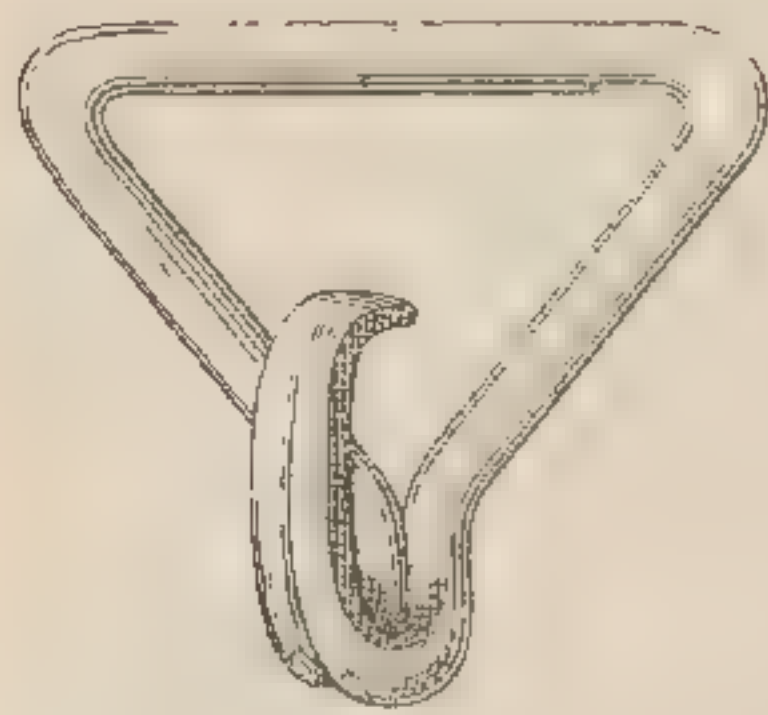


DOUBLE LINK BACK CHAIN,
1 to 8 lbs.

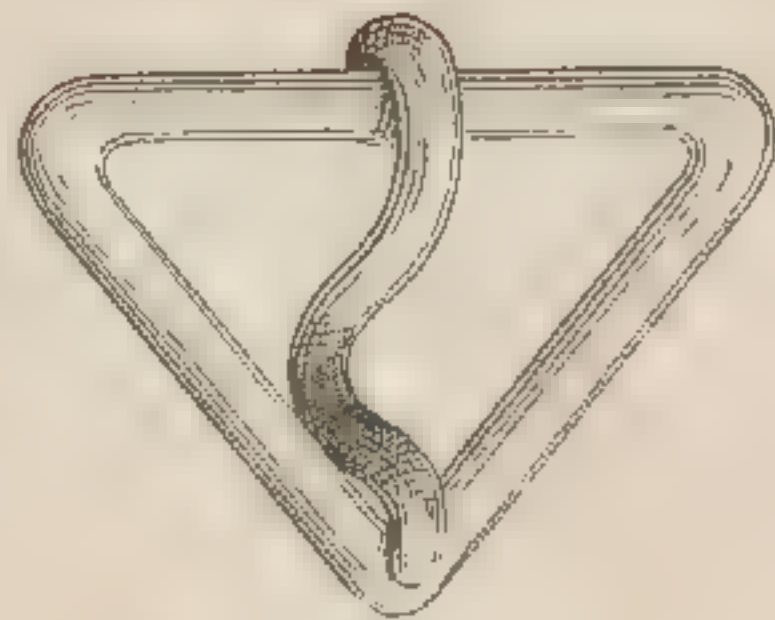


SINGLE LINK BACK CHAIN,
4 to 8 lbs.

Gear Work and Spring Hooks.



JAPANNED PLOUGH HOOK.
1½ to 4 in.



JAPANNED PATENT PLOUGH HOOK.
1½ to 4 in.



**ORDINARY
BACK BAND IRON.**
3, 3½, 4 inch.



**BACK BAND IRON,
To Slide.**
3, 3½, 4 inch.



**DOUBLE BOW
BACK BAND IRON.**
3, 3½, 4 inch.



**PATENT BELLY
BAND IRON.**



**ONE RING BELLY
BAND IRON.**



**THREE RING
BELLY BAND IRON.**

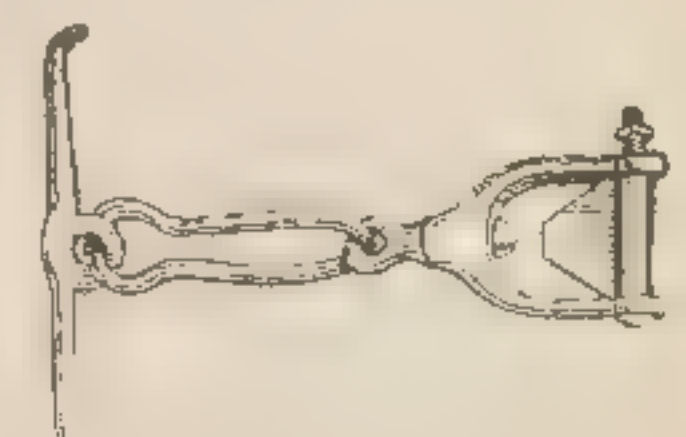


JAPANNED BITS AND RINGS.

Ordinary Gear Work is ¼ inch, but 5-16 and ⅜ inch can be supplied.



No. 1.

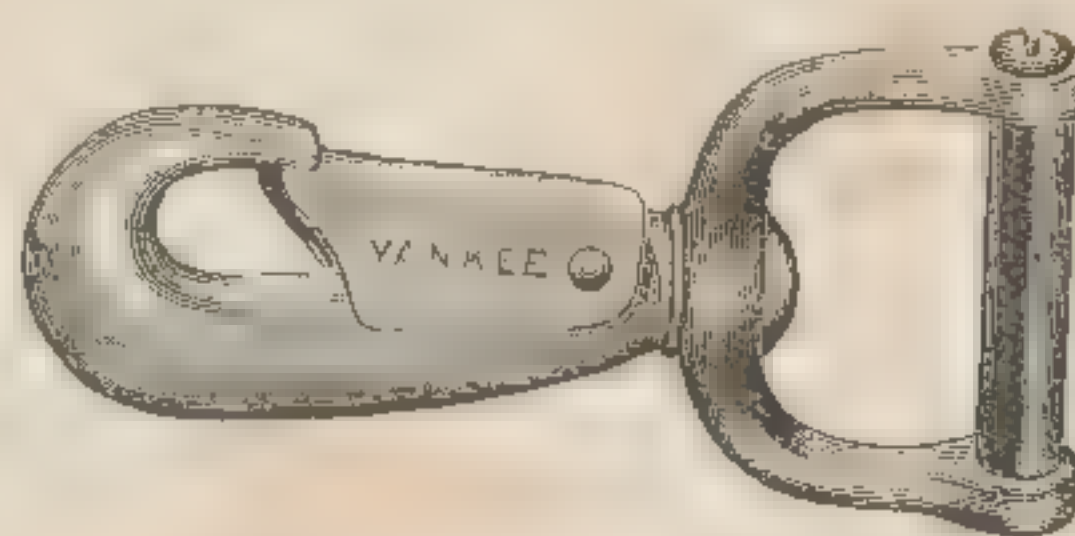


No. 2.

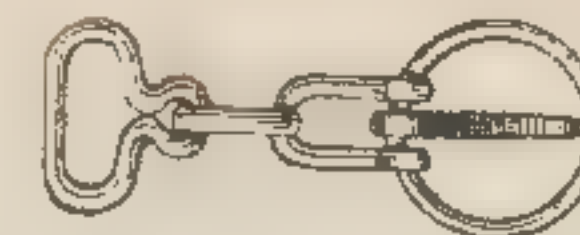
TEE TRACE ENDS.



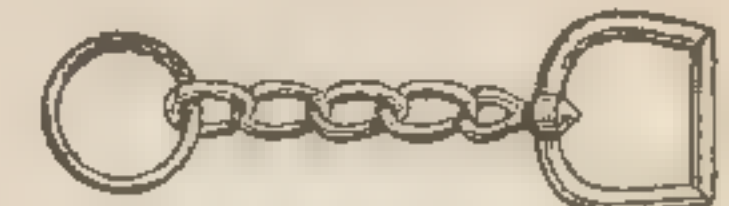
**Japanned, Nickel Plated, and Brass
PILLAR REIN HOOK.**
½ and 1 in.



TINNED TRACE HOOK.
1½ and 1¾ inch.



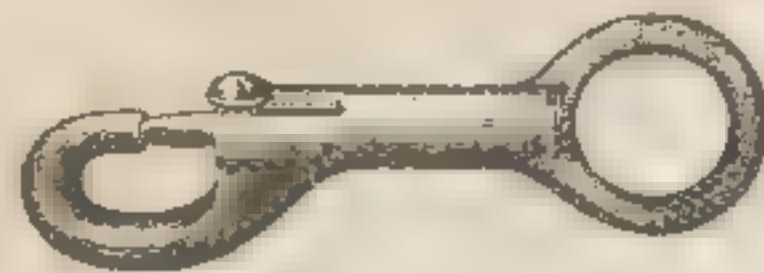
PATENT HIP STRAP CHAIN.
1½, 2 inch.



HIP STRAP CHAIN,
1½, 1¾, 2 inch.



DERBY BIT SNAP.



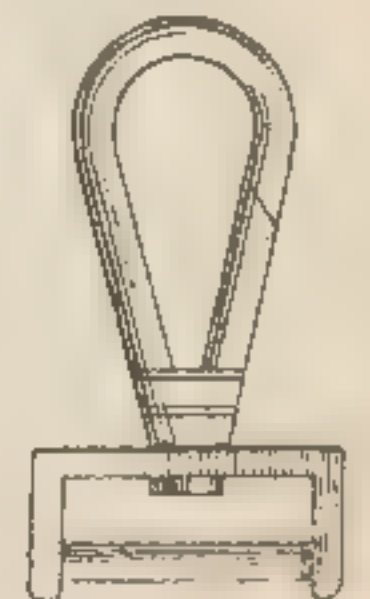
COVET SNAP, RD. EYE.
¾ inch.



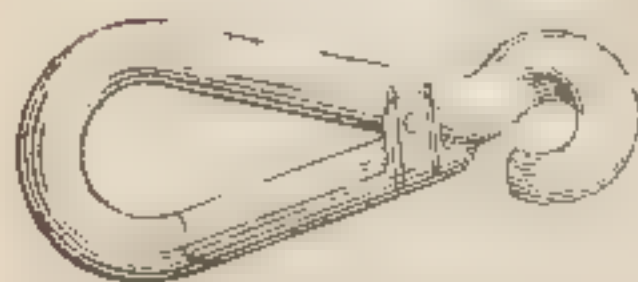
COVET SNAP, SQ. EYE.
¾, 1, 1¼, 1½ inch.



COVET SNAP, WITH SWIVEL.
¾ inch.



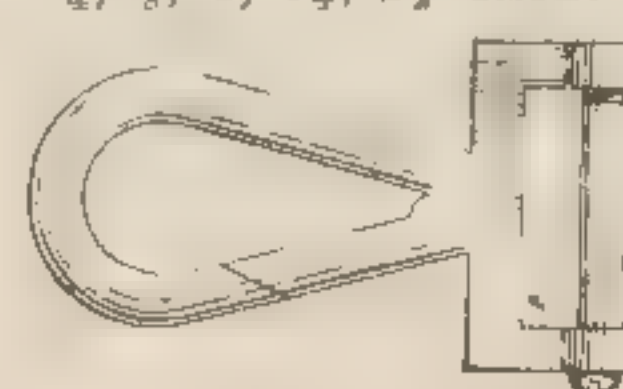
SWORD BELT SWIVEL.
Nickel Plated.
¾, 1, 1½, 2 inch.



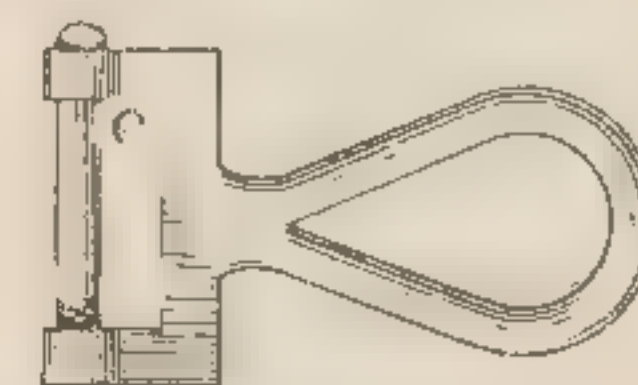
**JAPANNED
KNOCK ON SPRING HOOK.**
2 to 4 inch.



JAPANNED SPRING HOOK, WITH SWIVEL.
2½ and 3 inch.



SPRING COCKEYE.
Polished, Japanned, and Nickel-Plated, 1½ to 1¾ inch.



PLAIN COCKEYE.

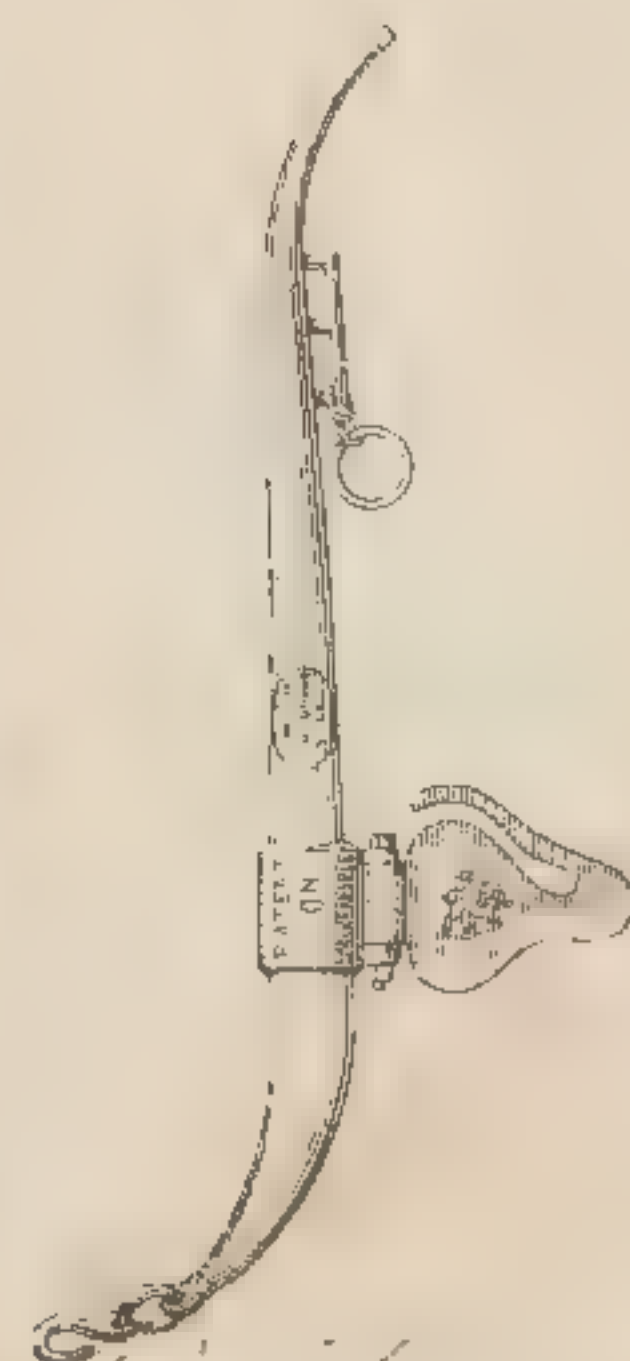
Hames.



KANGAROO LEADING
UNBREAKABLE.
4, 4½, 4¾ in.



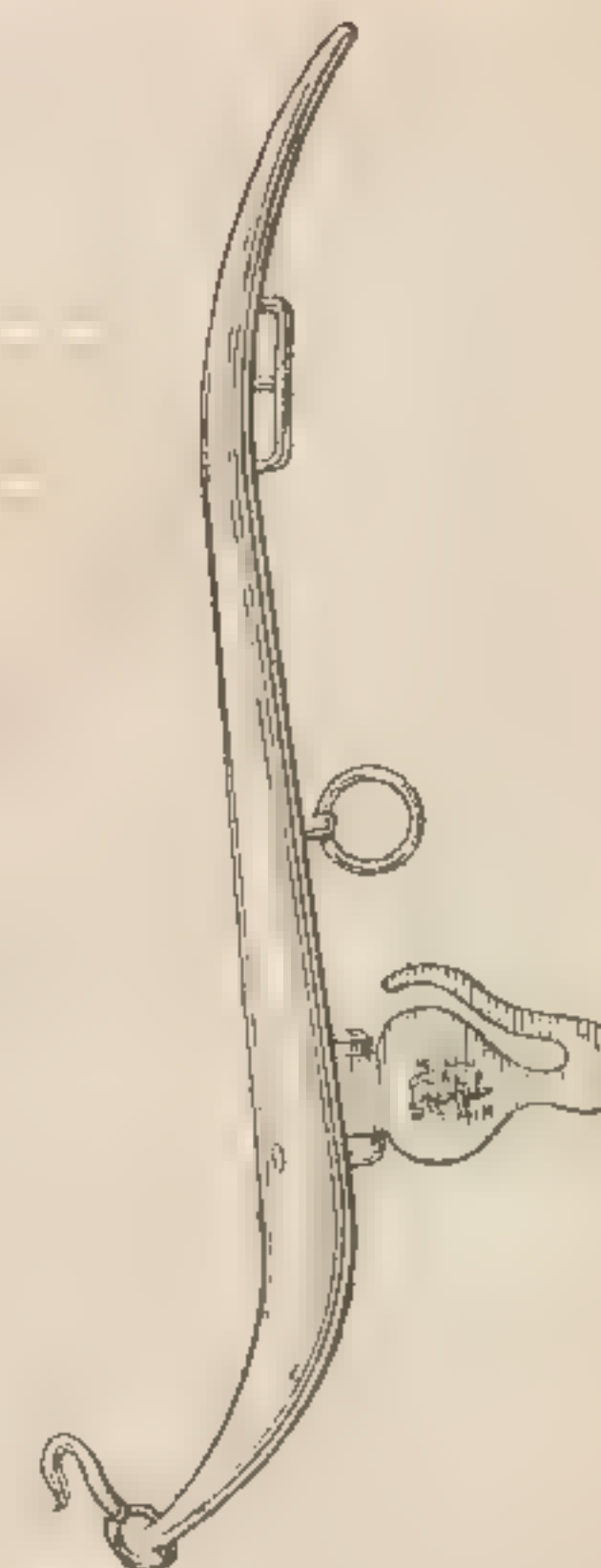
CORNSTALK WOODLESS
LEADING.



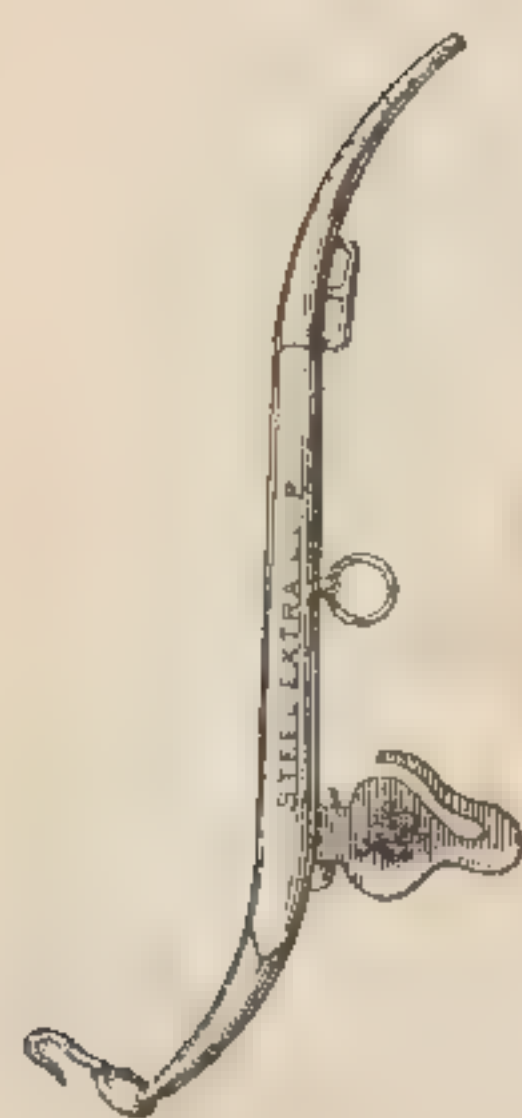
LION
UNBREAKABLE LEADING
4, 4½, 4¾ inch.



HALF CASED LEADING.



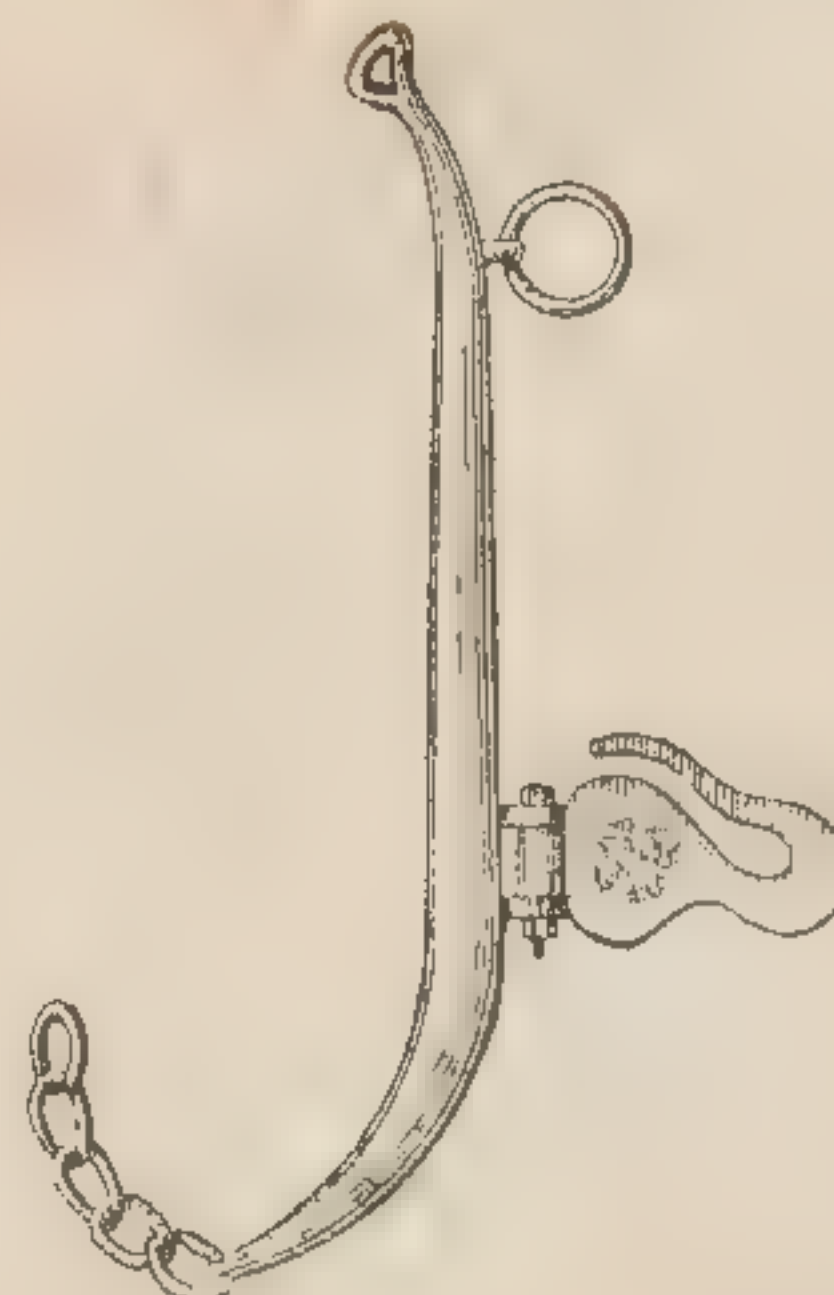
FULL CASED LEADING.
With or without Ring, 4, 4½, 4¾ in



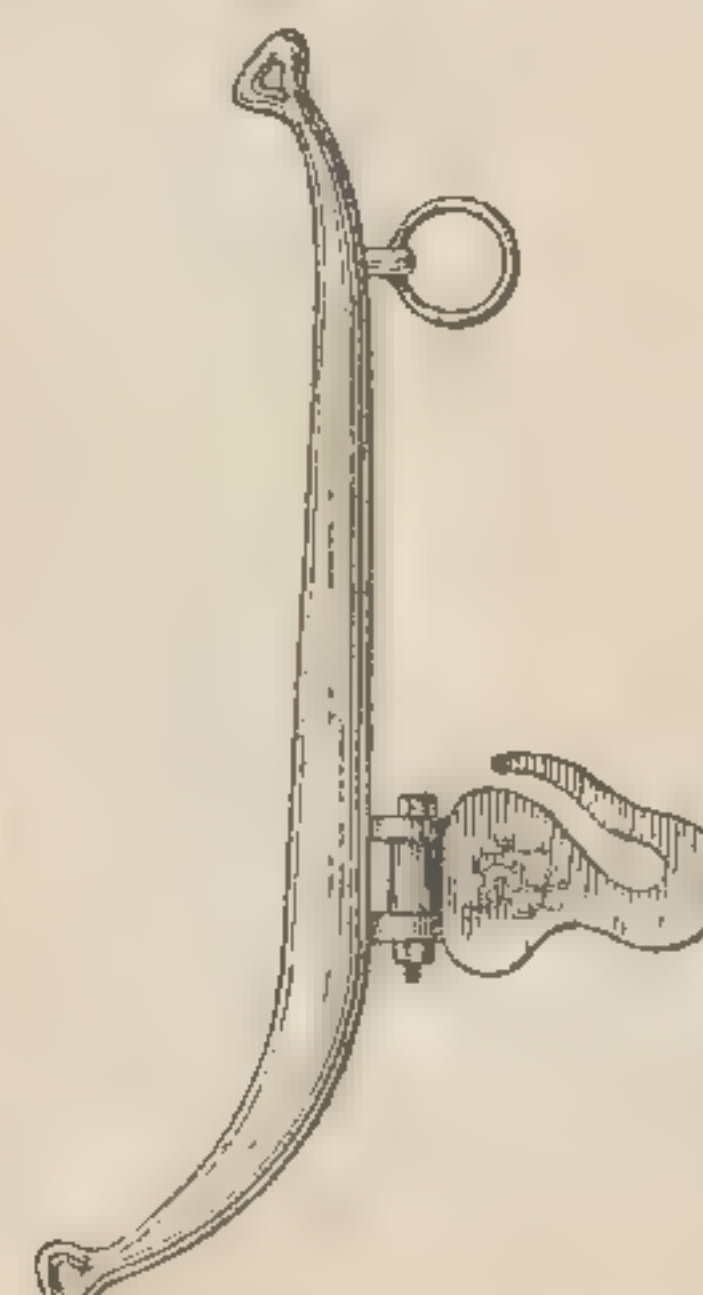
EXTRA CASED LEADING. Dee at Draught for Pole Chain.



LORRY HAME.



PIT HAME.
Chain Bottom, Loop Top.



PIT HAME.
Loop Top and Bottom.

KANGAROO BRAND UNBREAKABLE
HAMES. Leading, Body, and Shaft
All sizes.

FULL CASED, Body and Shaft.

EXTRA CLIP, " "

DOUBLE CASED, Body and Shaft,

UNBREAKABLE, " "

BRASS CASED, Leading and Shaft,
4, 4½ inch.

BRASS 'BUS, 1, 1½ inch.

When ordering Buggy Hames,
state length required; they should
be one inch longer than the
depth measurement of collar.

BRASS AND NICKEL PLATED CAB,
¾, 1 inch, Fixed or Fall Down Dees.

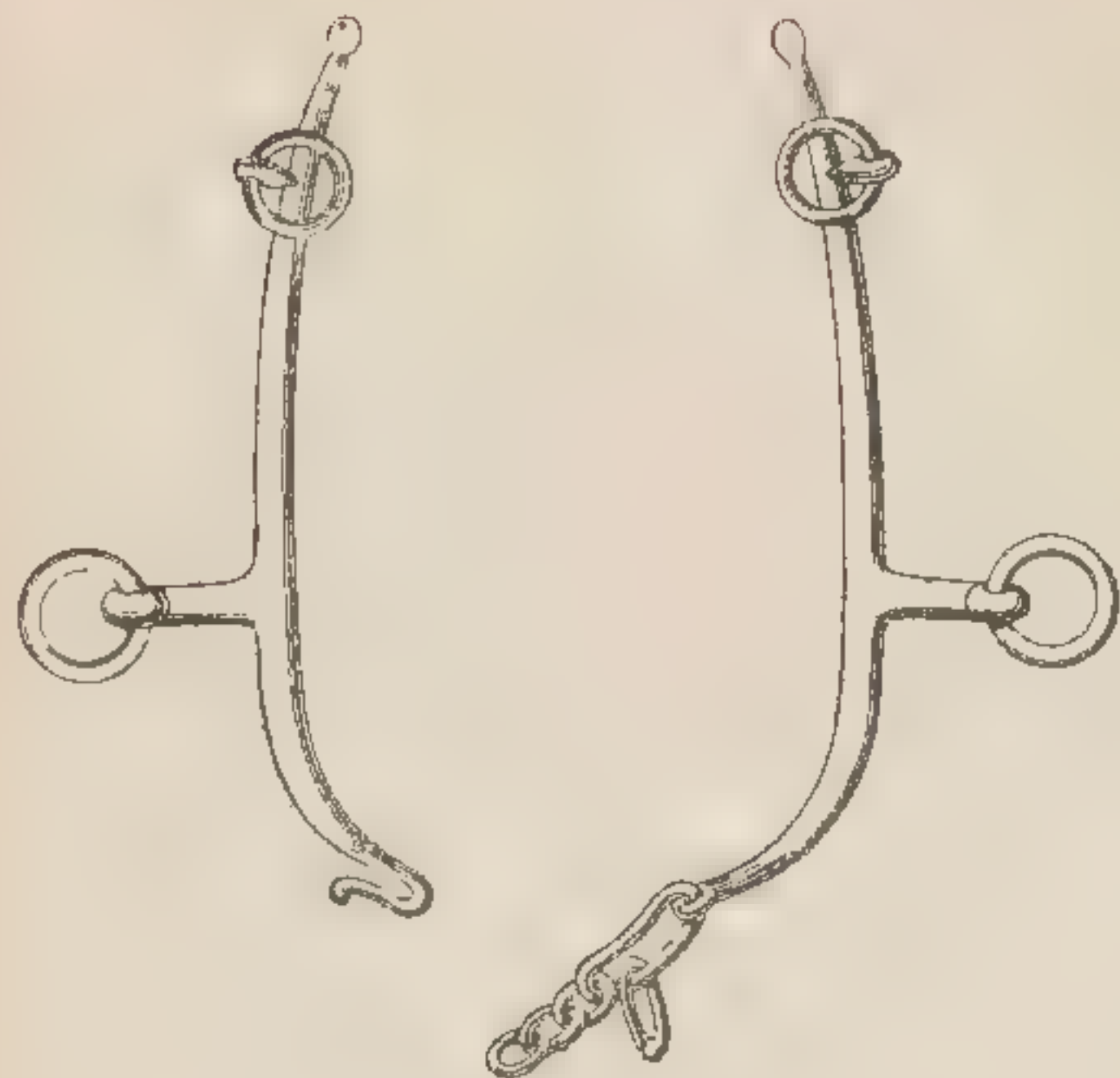
JAPANNED CAB, ¾ inch.

SPRING CART, Brass or Nickel,
¾, 1 inch, Fixed or Loose Rein Rings,

PAIR HORSE, Brass, Nickel or Silver
Plated.

BUGGY HAMES, Brass or Plated.

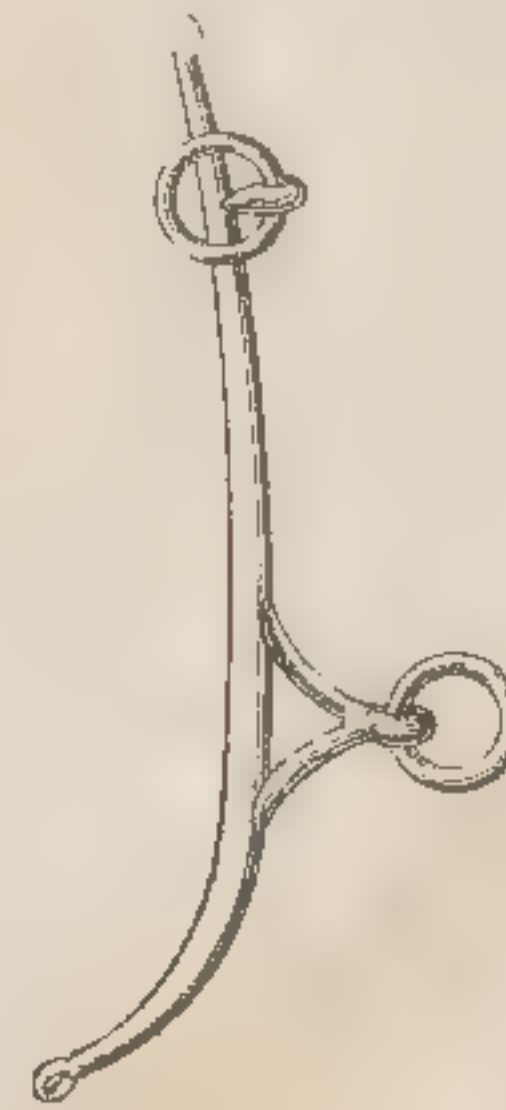
Hames—Continued.



BUS HAMES.
1 in. Nickel and Brass.



No. 1.



No. 2.

SPRING CART HAMES.
Brass and Nickel $\frac{1}{4}$ and 1 in.



No. 3.



KIDNEY LINK AND RING.
Polished, N.P., Brass.



**STRAIGHT TOP
AM. WOOD HAME.**
 $1\frac{3}{4}$, 2, $2\frac{1}{4}$ in. Staple.
Polished Top.



No. 4.
**SINGLE LOOP
DRAUGHT.
BUGGY HAMES.**



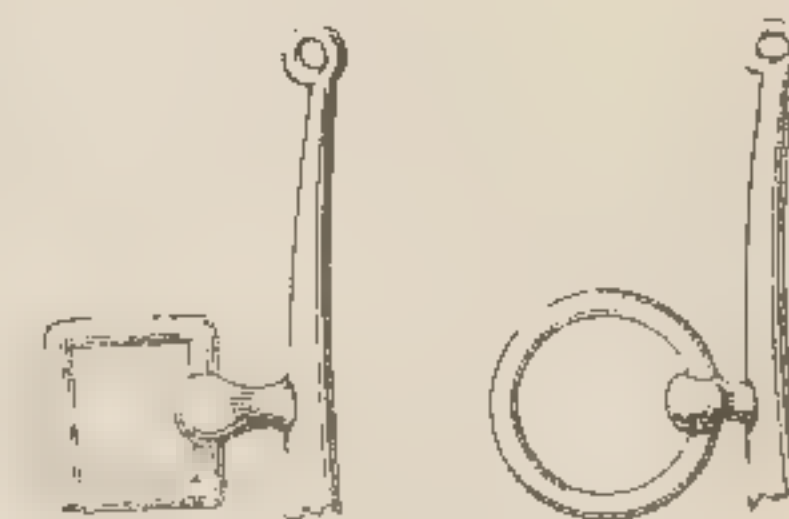
No. 5.

**SCROLL LOOP DRAUGHT
BUGGY HAMES.**



No. 6.

**SINGLE CLIPT DRAUGHT
BUGGY HAMES.**

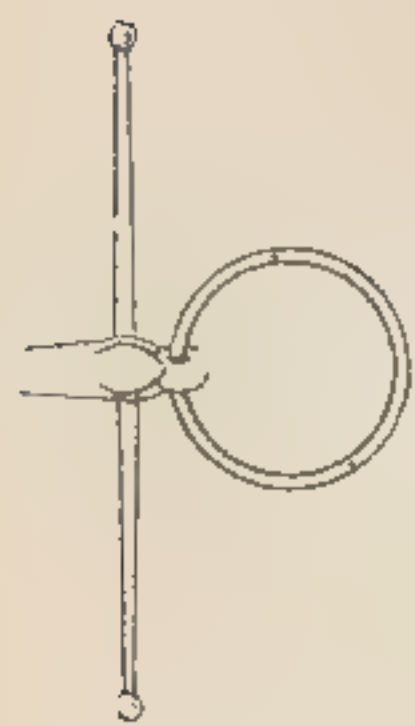


**SECTIONS SHOWING
BALL REIN RINGS.**
Square and Round.

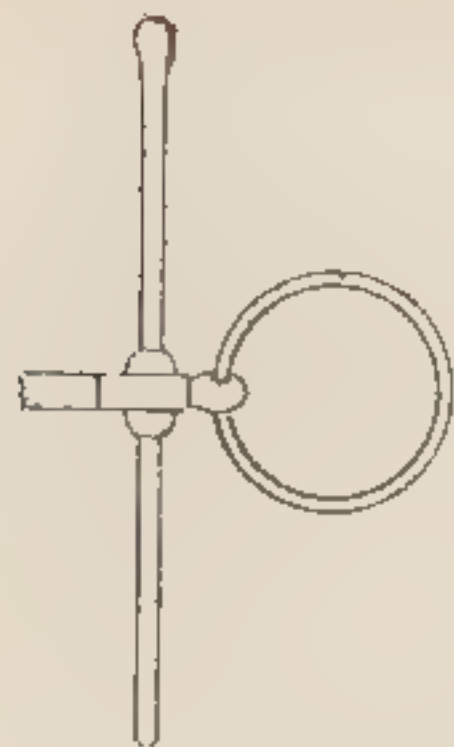


**LOOP TOP AM. WOOD
HAME.**
 $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$ in. Staple.
Polished or Plated Top.

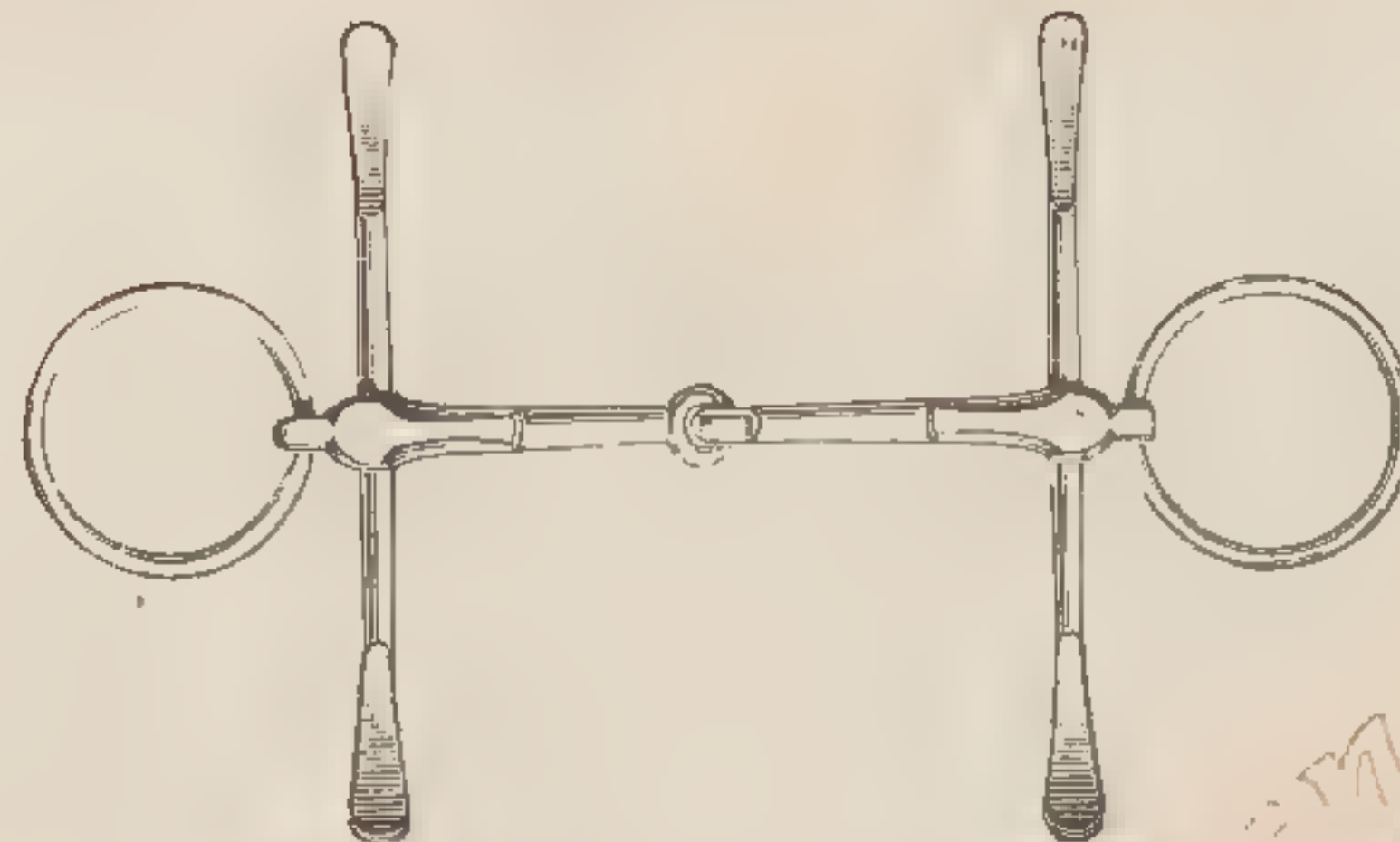
Bits.



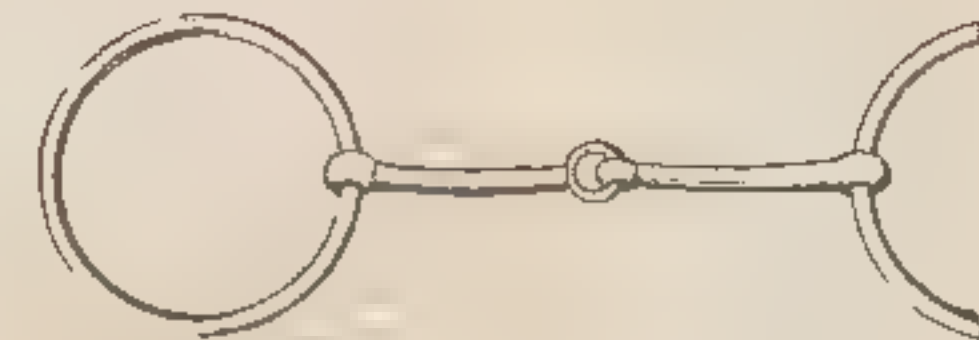
No. 1.



No. 2.



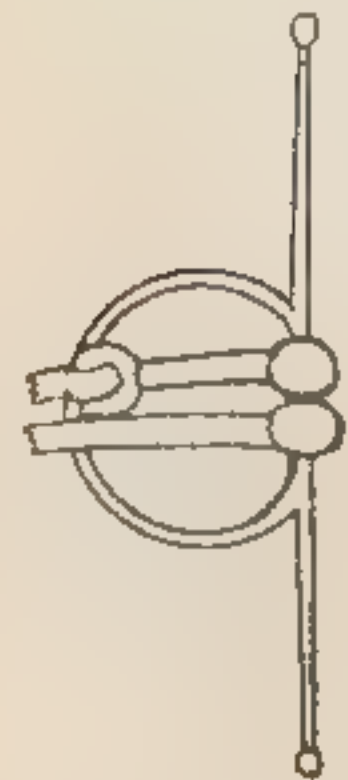
LOOSE RING RIDING SNAFFLE BIT.
Polished, Nickel Plated, Solid Nickel, Hard Steel.



RACING BRADOON.
3, 3½, 4 inch Rings, and ¾, 7-16, ½ inch Mouth.
Nickel Plated, Solid Nickel and Steel.



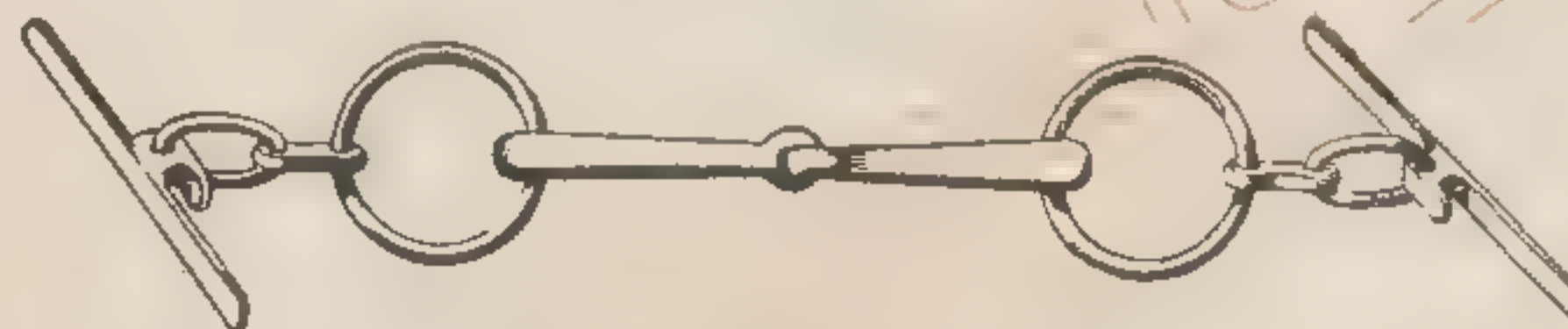
STALLION BRADOON.



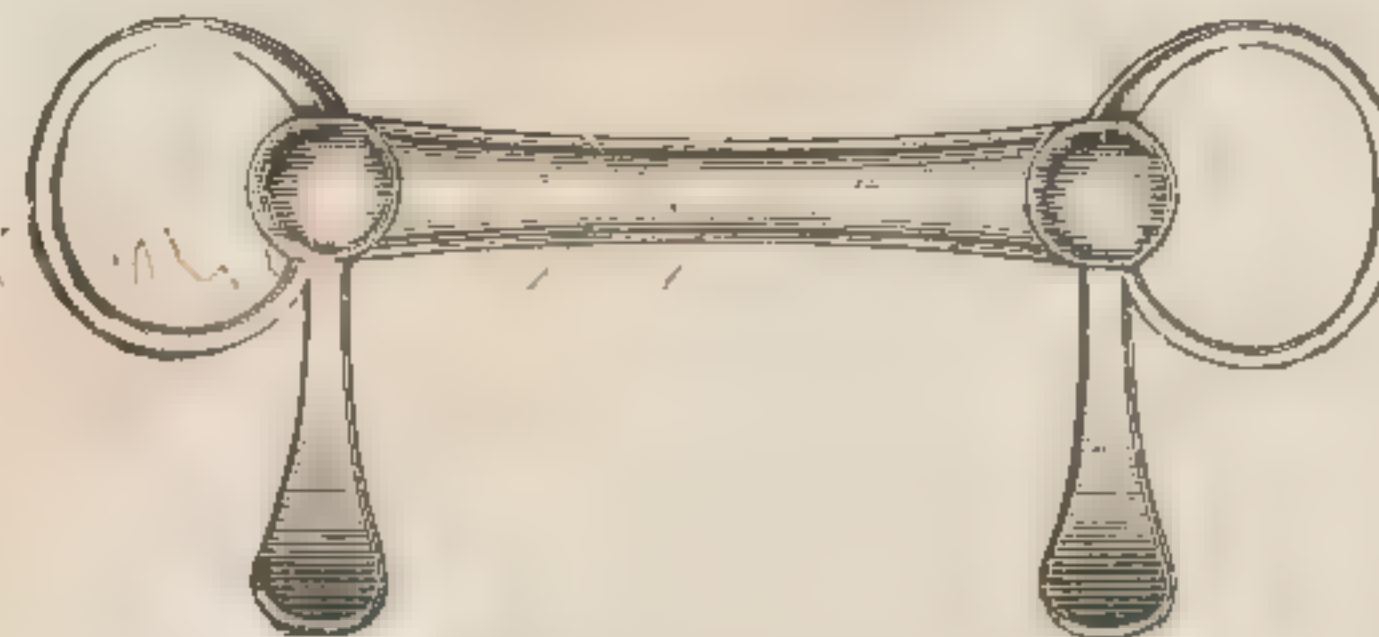
DOUBLE MOUTH.



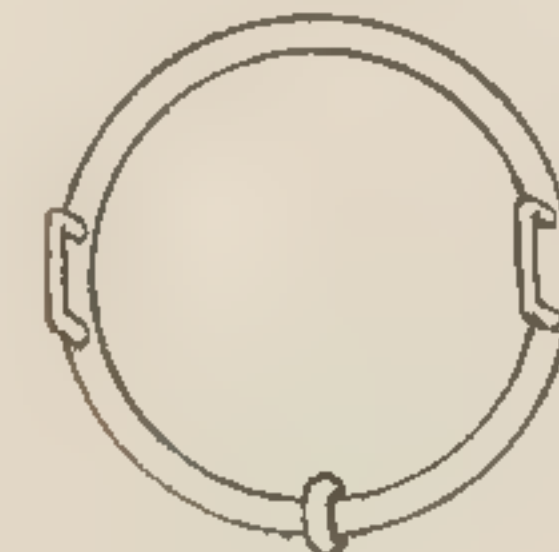
With Sliding Cheek.



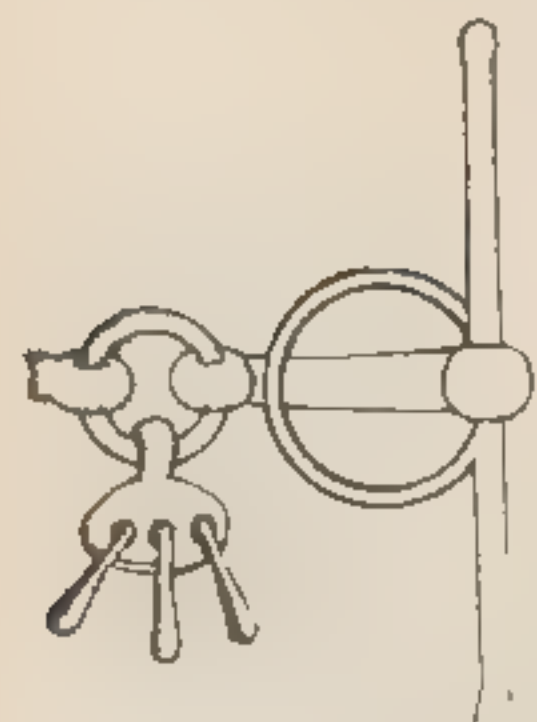
MILITARY TEE BRADOON.



RUBBER MOUTH BITS.
In all Styles, Weights and Qualities.



CIRCULAR YEARLING BIT.



BREAKING-IN BIT.
With and without Drabs
Tinned and Polished,
and N.P.

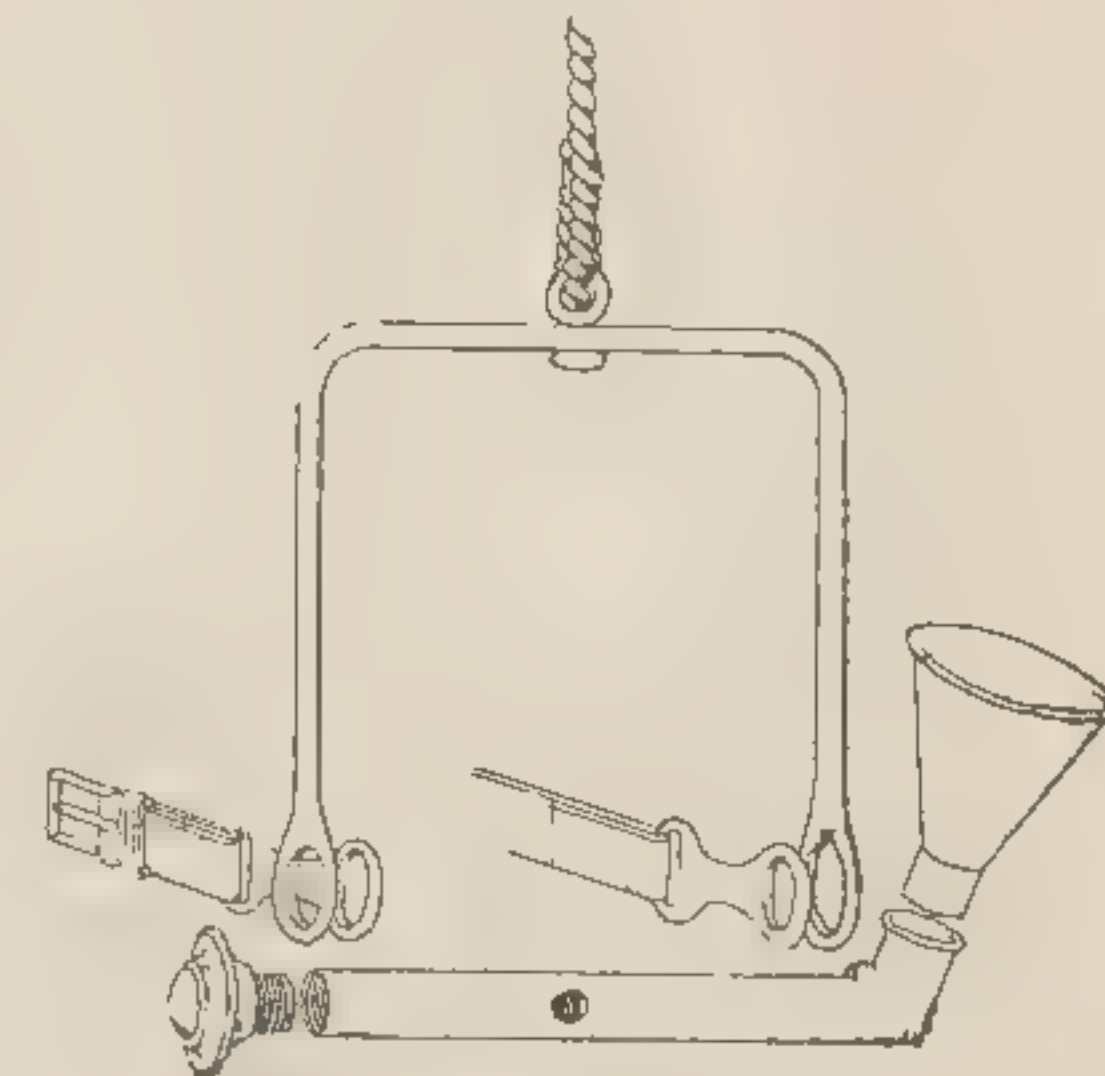


CHAIN MOUTH.



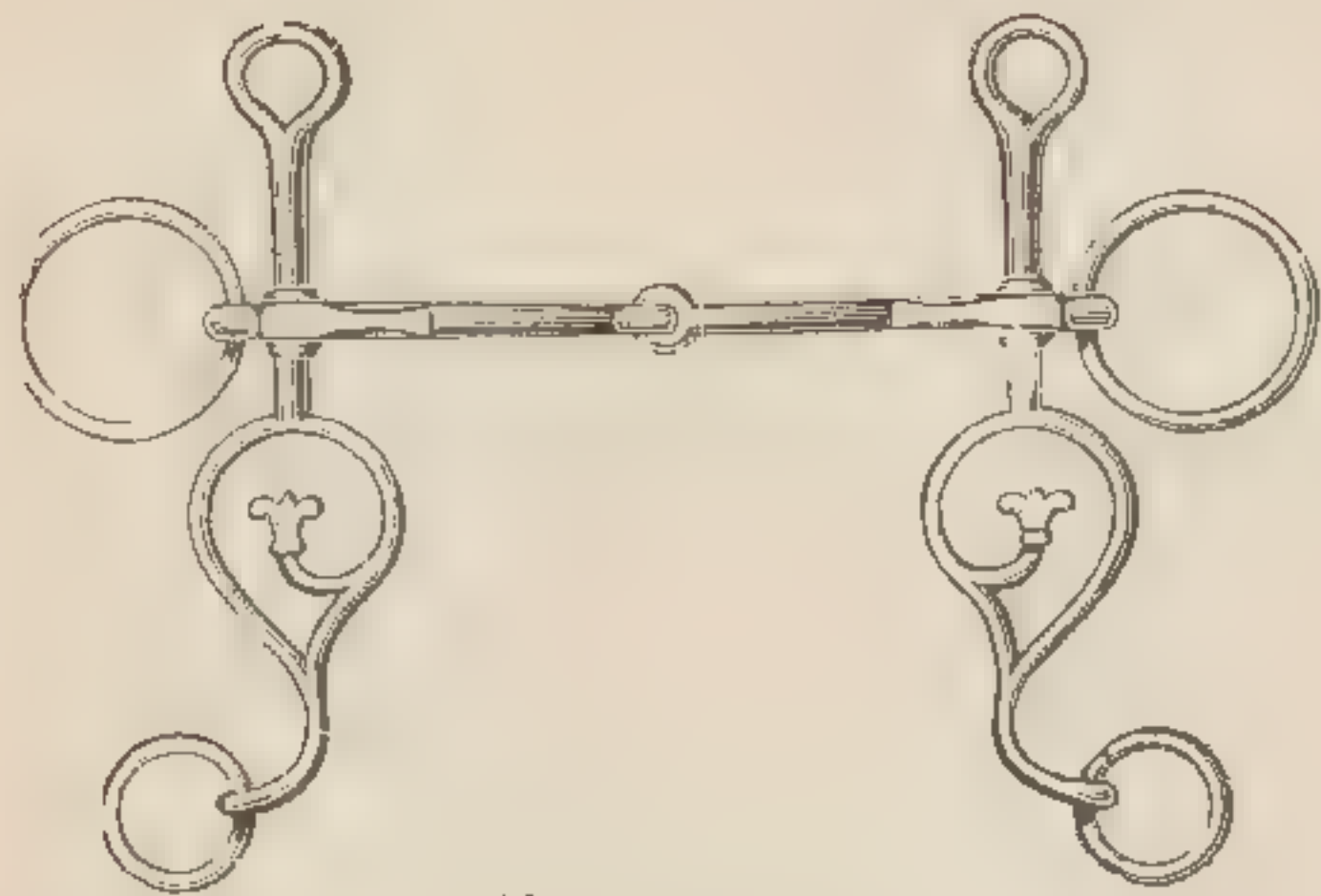
WILSON'S SNAFFLE BITS.
Wire and Flat Rings. All Weights.
Polished, Nickel Plated and Solid Nickel.

DEXTER MOUTH BRADOONS.
WEYMOUTH BITS AND BRADOONS.

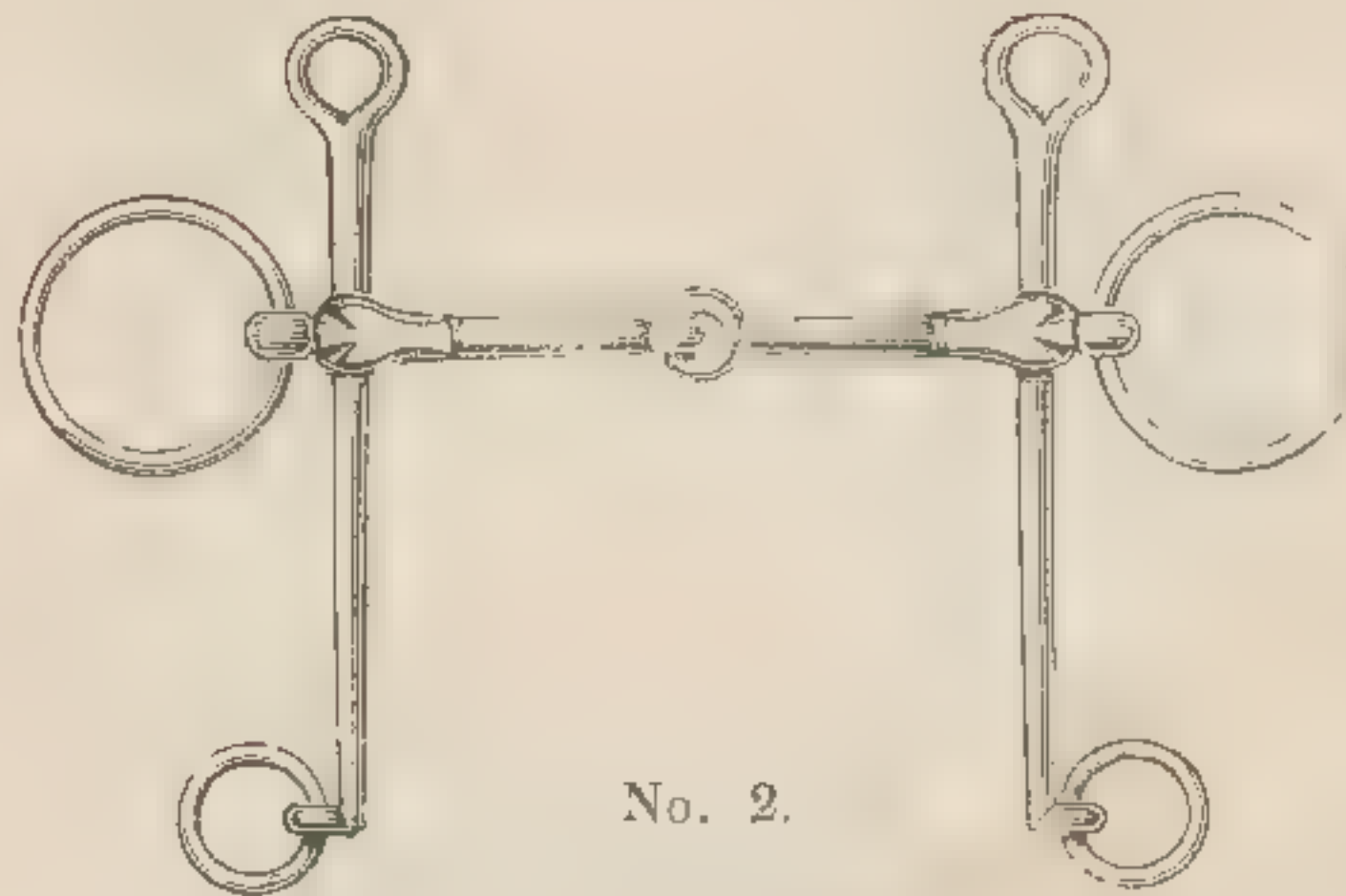


NICKEL-PLATED AND GALVANIZED
DRENCHING BIT.

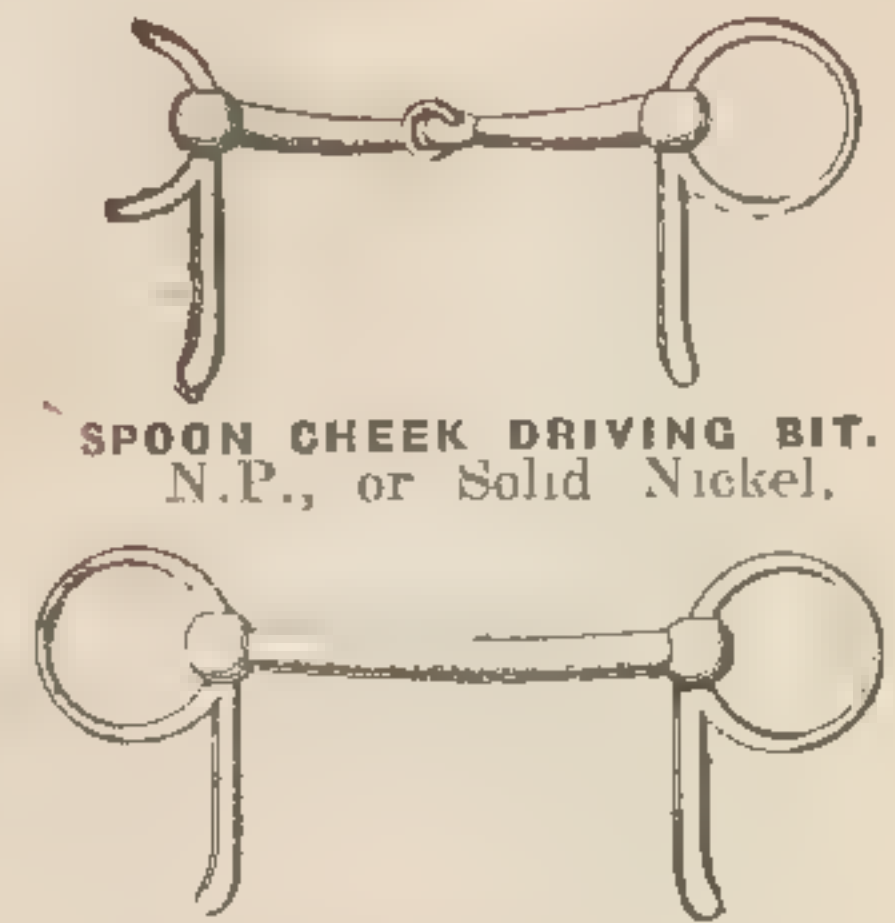
Bits—Continued.



No. 2.
LADIES' PELHAMS.
Nickel Plated and Solid Nickel.



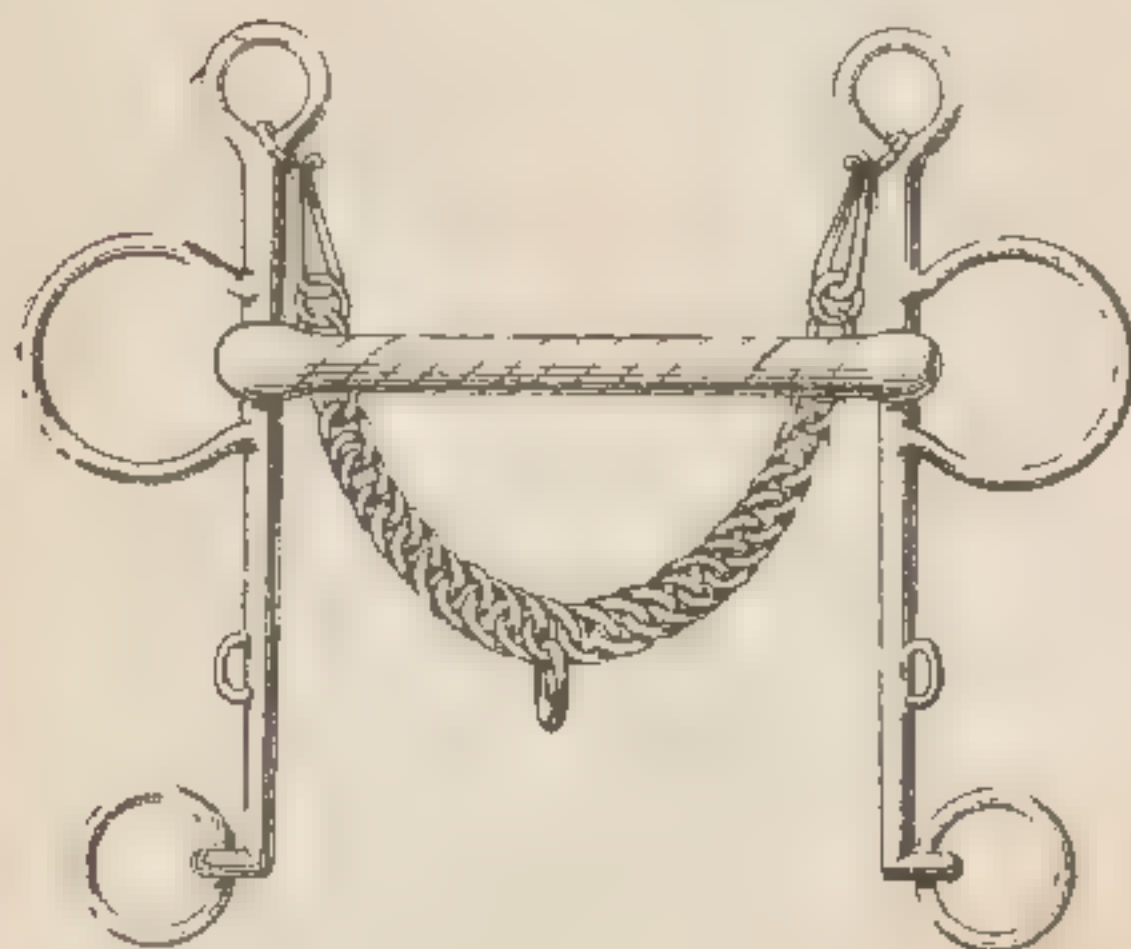
No. 2.
GENT'S PELHAMS.
Nickel Plated, Solid Nickel, and Steel.
Also with Bar Mouth.
Ladies' or Gent's Pony Pelhams.



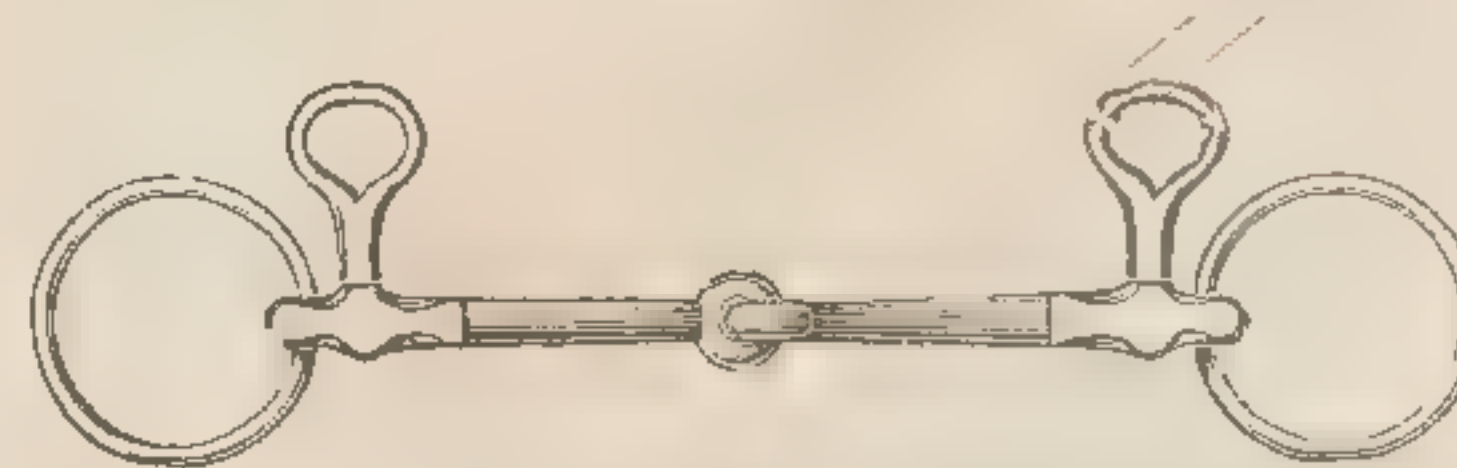
SPOON CHEEK DRIVING BIT.
N.P., or Solid Nickel.



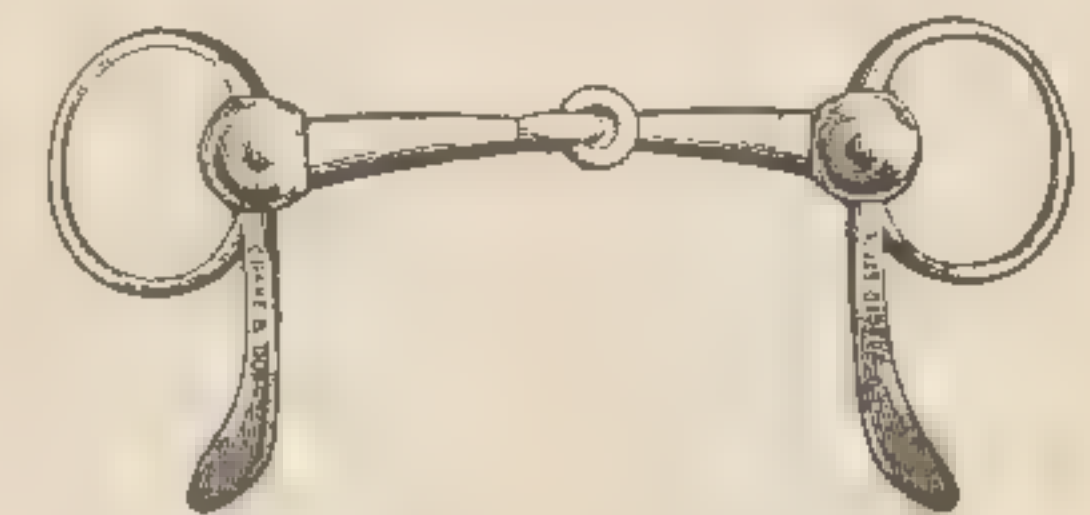
STRAIGHT MOUTH SPOON CHEEK DRIVING BIT.
N.P.



BAR MOUTH GENT'S PELHAMS.
Polished Steel, N.P., or Solid Nickel.



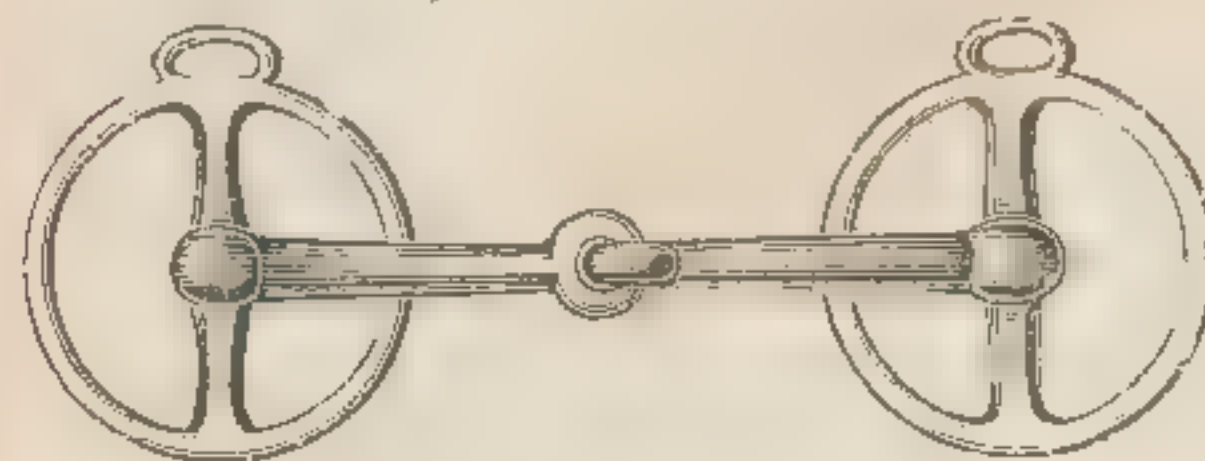
LOOSE RING BUGGY BIT.
Loop Cheek, N.P. or Solid Nickel.



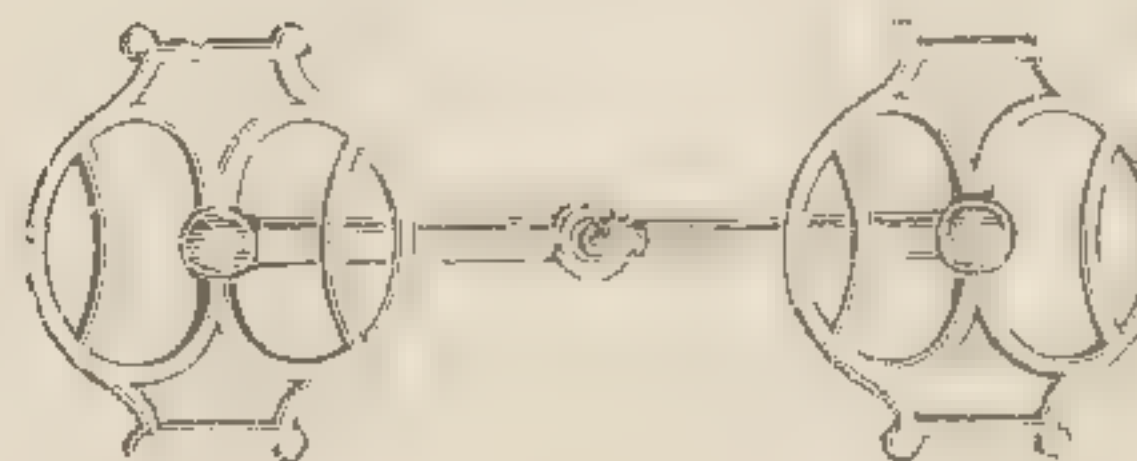
DEXTER MOUTH DRIVING BIT.



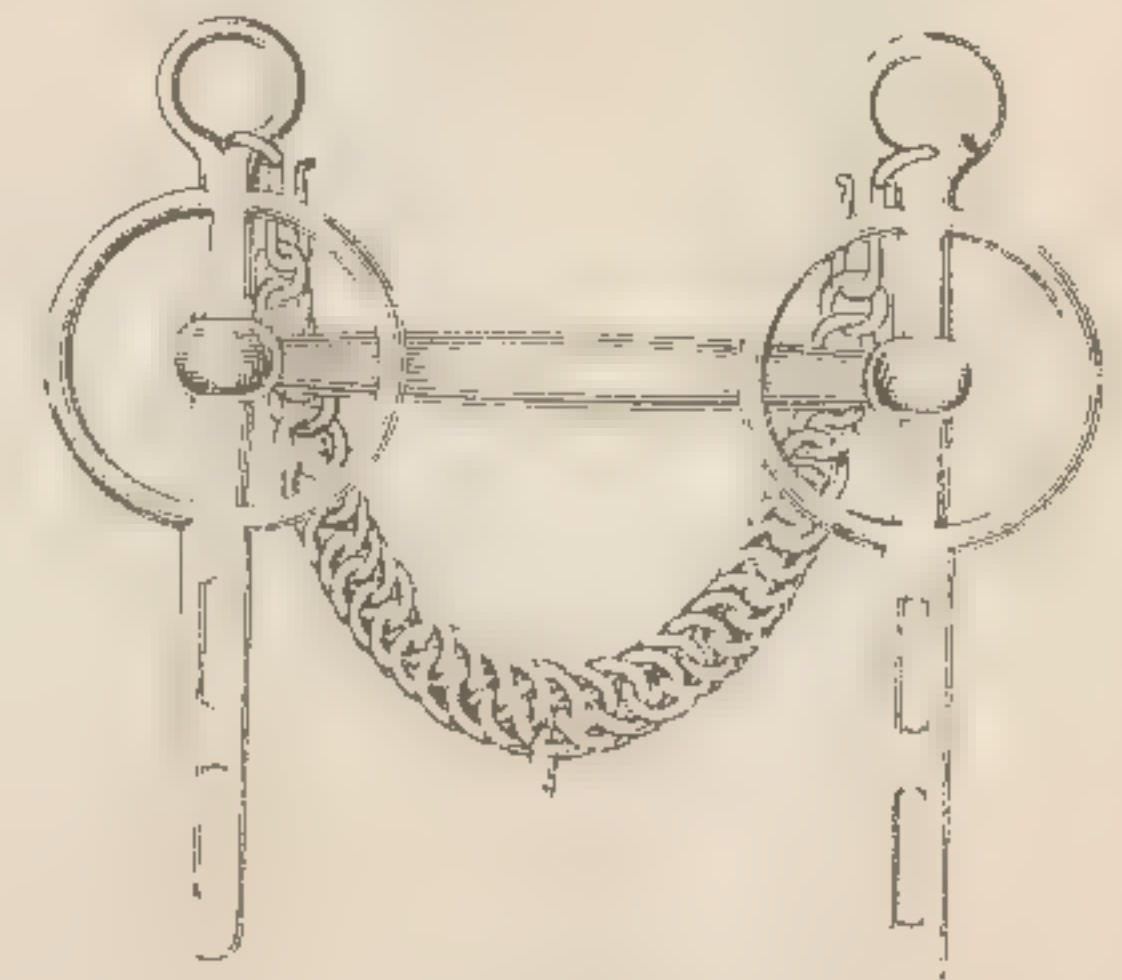
OVERHEAD CHEEK BIT.
Nickel Plated.



No. 1.
METROPOLITAN DRIVING BITS.
Nickel Plated, or Solid Nickel.



No. 2.



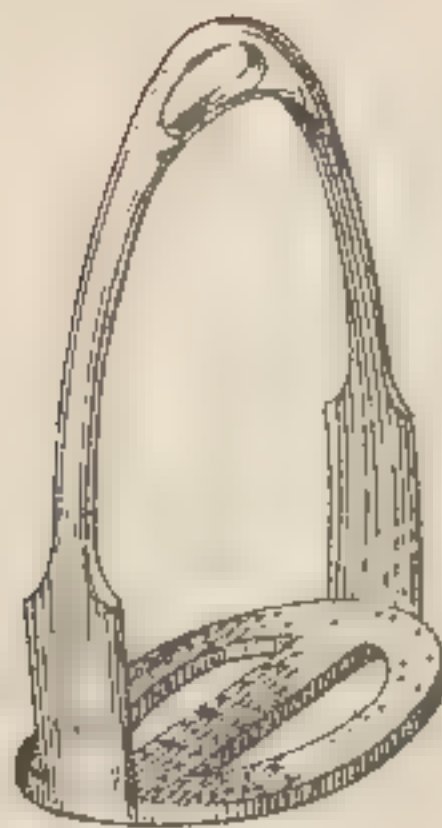
LIVERPOOL DRIVING BIT.
Bar Mouth, with Curbs,
Polished, N.P., Solid Nickel, Steel.

BITS OF EVERY DESCRIPTION STOCKED.

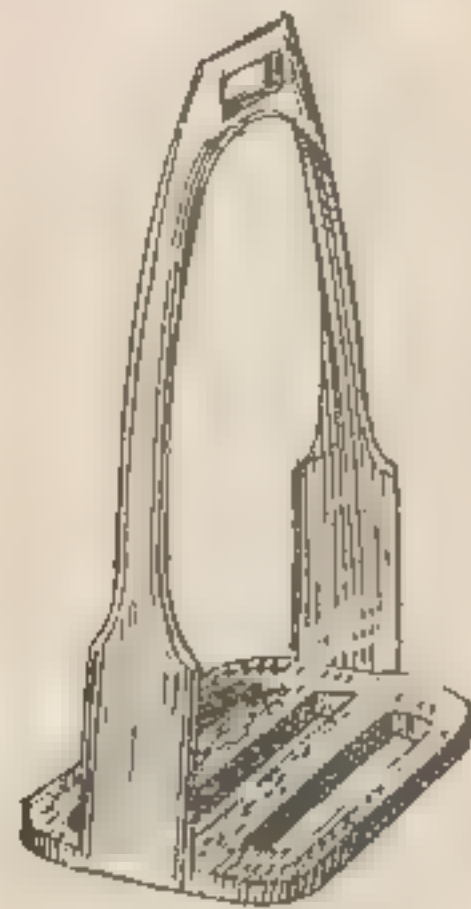
Stirrup Irons and Leathers.



No. 1.



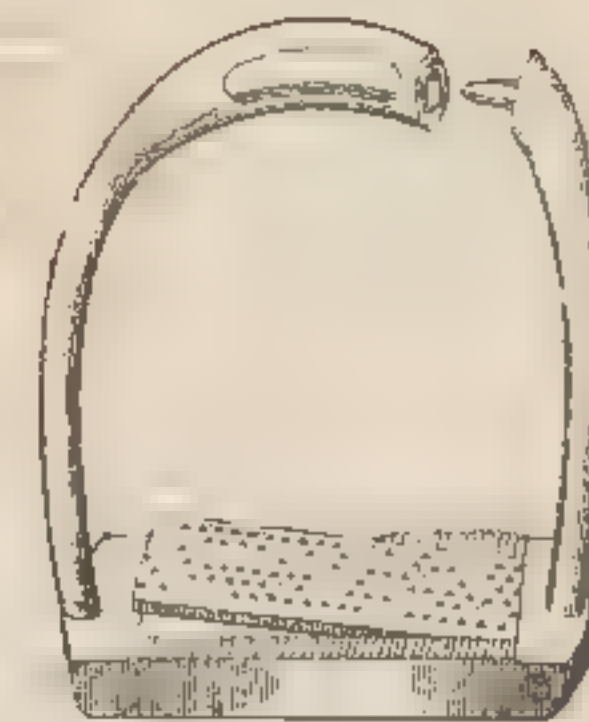
No. 2.



No. 3.

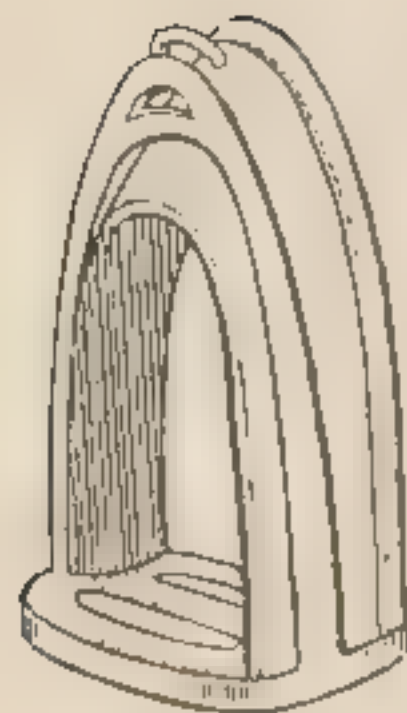


No. 4.



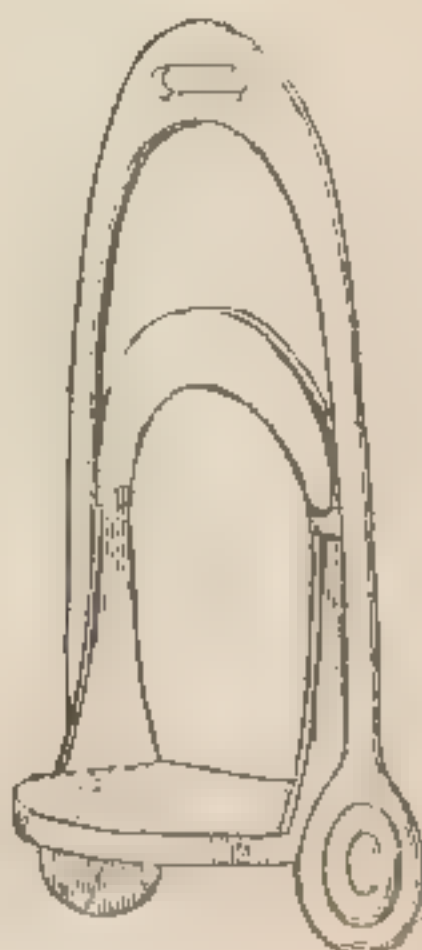
No. 5.

GENT.'S SPRING SIDE.



No. 6.

VICTORIA STIRRUP
AND PAD.



LATCHFORD'S PATENT.



Open.

SCOTT'S PATENT.



Shut.

Stirrup Irons.

POLISHED. Cradle, Half Cradle, Flat,
3 bar, 4 bar.

NICKEL-PLATED. Cradle, Half Cradle,
Flat, 3 bar, 4 bar.

SOLID NICKEL. Cradle, Half Cradle,
Flat, 3 bar, 4 bar.

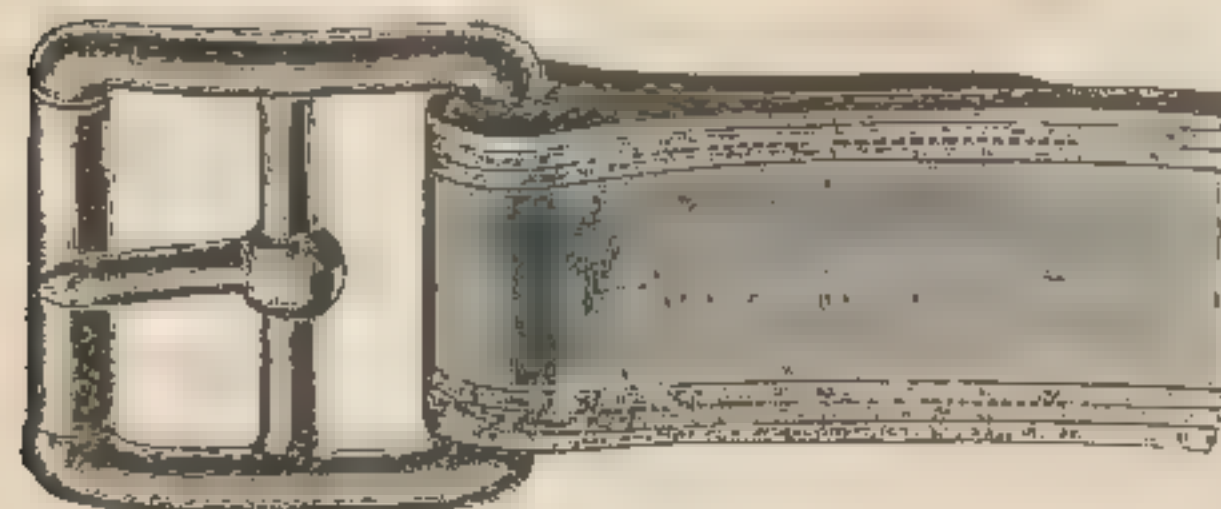
BOYS'.

RACE.

STEEPLECHASE.

DEVON SLIPPERS.

No. 2, Girl's; 3, 4, Lady's; 6, 7 and 8, Gent.'s.



Stirrup Leathers.

ENGLISH.

Plain and Numbered Holes. 1, 1½, 1¾. All qualities.
Ladies'.

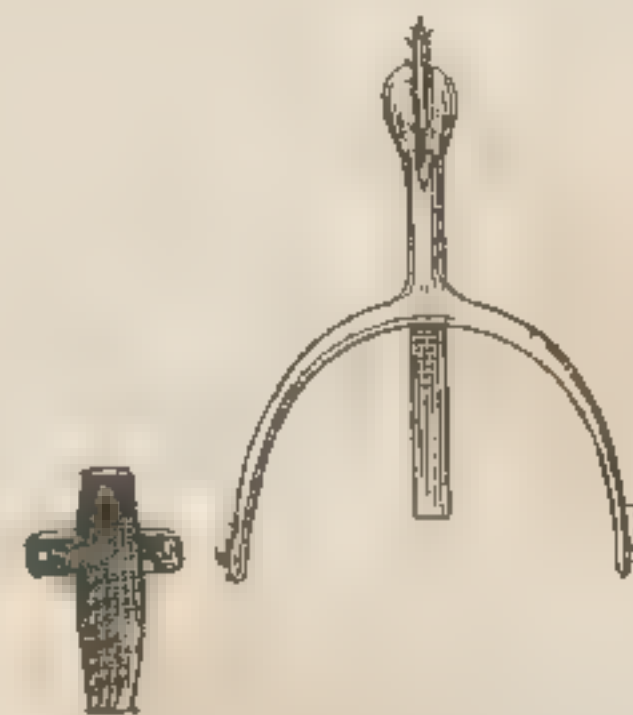
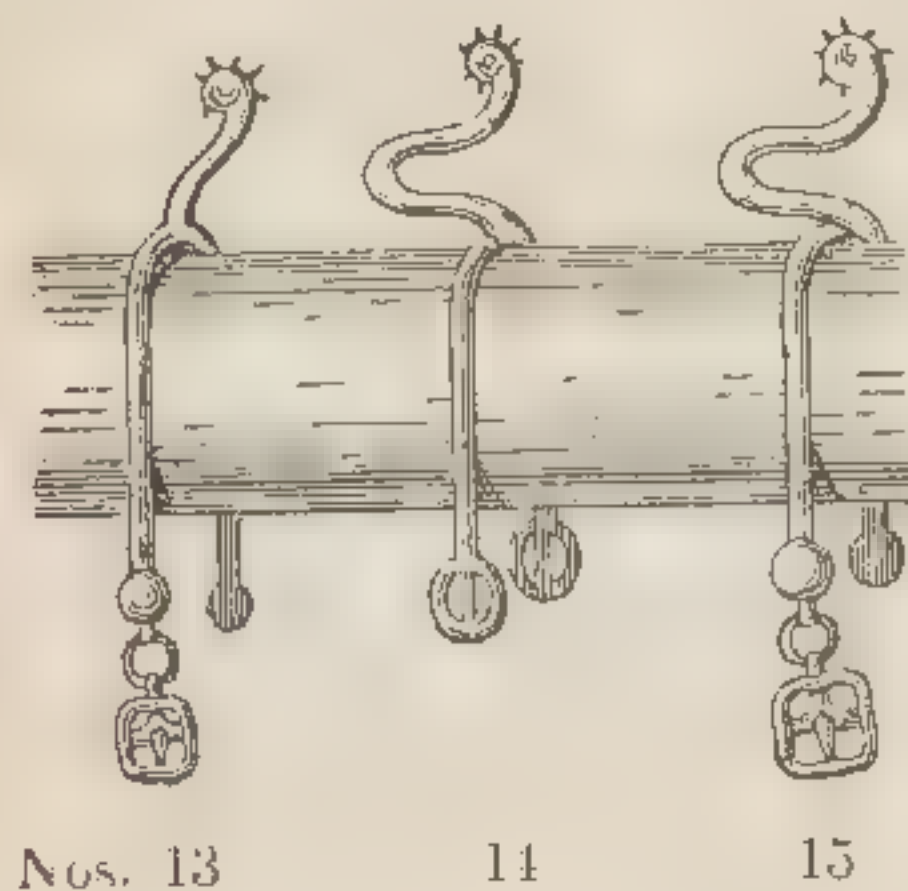
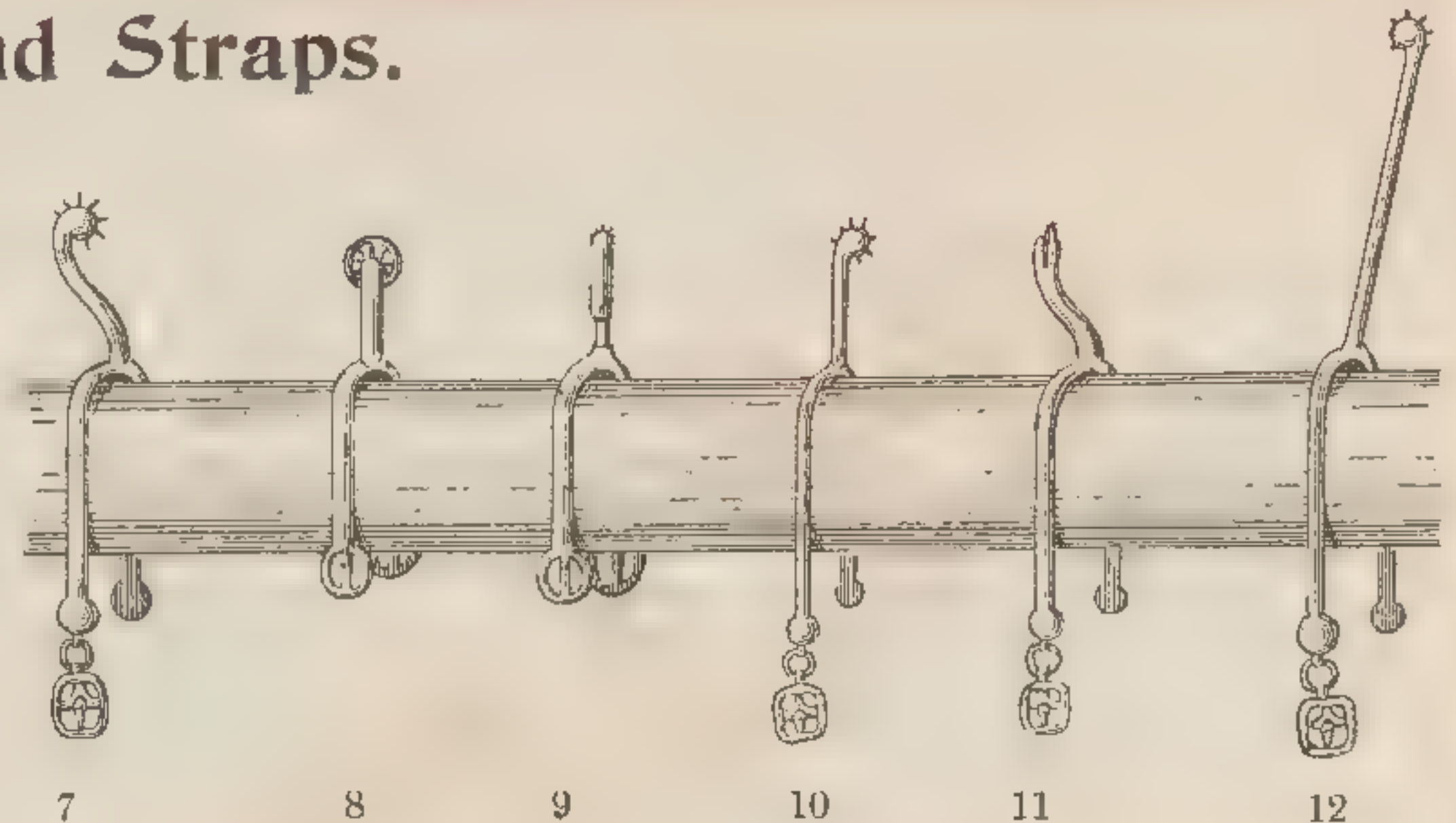
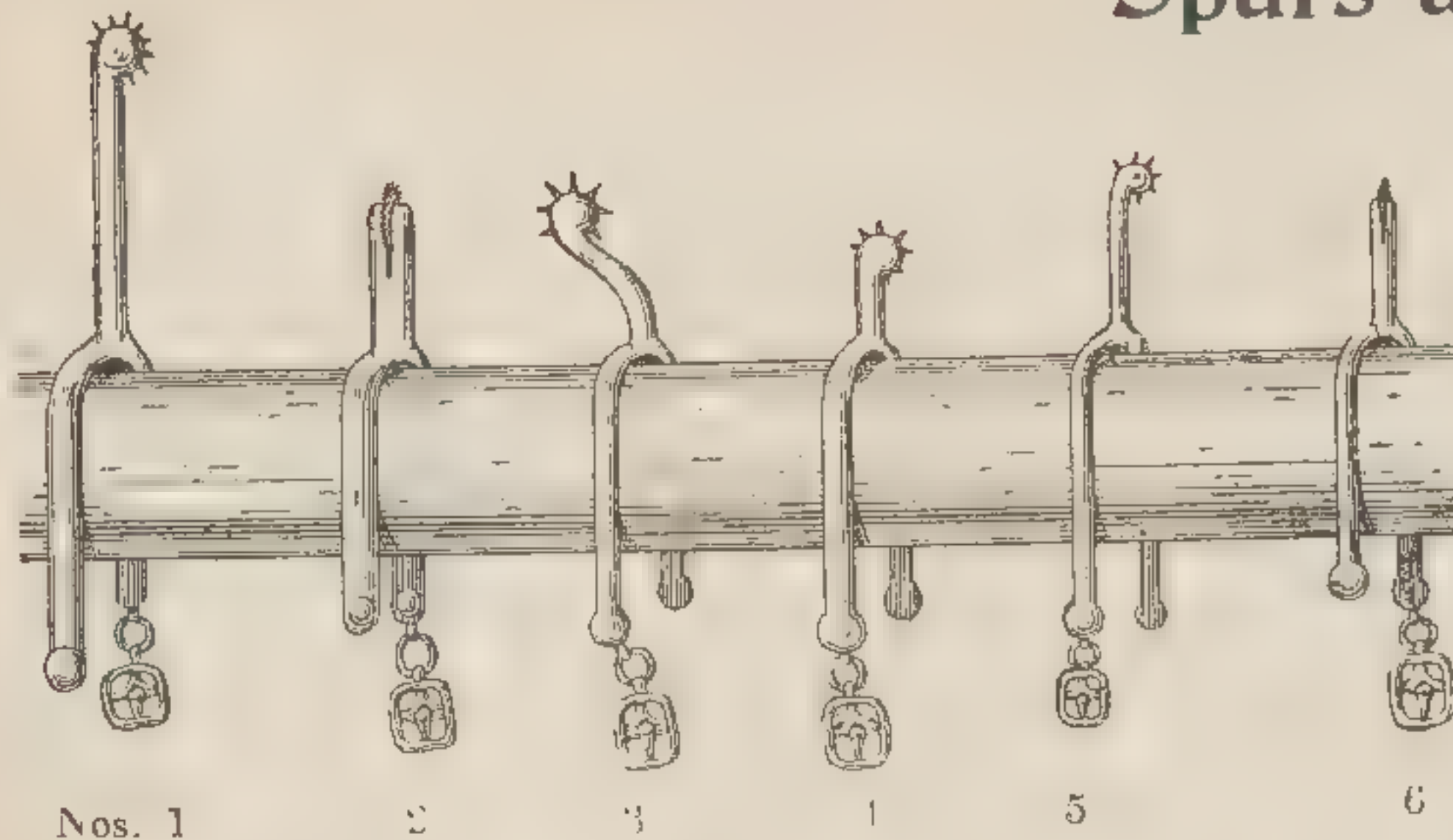
COLONIAL.

No. 1. Boys', 1 inch, Plain.
,, 3. Light, 1½ inch, Plain.
,, 5. Light, 1¾ inch, Flesh out, Numbered Holes.

COLONIAL.

No. 6. Stock, 1½ inch, Single Hand-Sewn.
,, 7. Stock, 1½ inch, Superior Double Hand-Sewn.
,, 11. Stock, 1½ inch. Flesh out, Numbered Holes.
Double Hand-Sewn.
,, 12. Stock, 1½ inch. As No. 11, but specially
picked.

Spurs and Straps.



MILITARY BOX SPUR
AND BOXES.

HAME STRAPS— $\frac{5}{8}$ (Buggy), $\frac{3}{4}$ (Waggonette), $\frac{7}{8}$ (Spring Cart), 1 (Van),
1 $\frac{1}{4}$ in. (Cart), Black or Brown, with Japanned, Brass or
Nickel Buckles.

COAT STRAPS— $\frac{5}{8}$ x 36, 42, 48 inch.
 $\frac{3}{4}$ x 36, 42, 48, 54 inch.

RUG OR BASKET STRAPS— $\frac{3}{4}$ x 36, to 72 inch.

HOBBLE STRAPS—1 $\frac{1}{2}$ inch, Single Strap, Double Buckle.

1 $\frac{1}{2}$ inch, Double	„	„	„
1 $\frac{1}{2}$ inch, Single	„	„	„
1 $\frac{1}{2}$ inch, Double	„	„	„

Spurs.

TINNED. $\frac{3}{4}$ to 1 $\frac{1}{2}$ inch Neck.

NICKEL ON IRON. $\frac{1}{4}$ inch Sides only, $\frac{3}{4}$ to 1 $\frac{1}{2}$ inch Neck.

N.P. ON ELASTIC STEEL. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch Sides, 1 in. to 3 in. Neck.

SOLID NICKEL HUNTING. Light and Heavy, 1 to 5 in. Neck.

RACE SPURS. Wire or Flat Sides.

GENT.'S. with Guarded Rowel.

TROUSERS.

LADIES'. Guarded Spike or Rowel.

BEST FINE PLATED ON HARD STEEL HUNTING.

BEST HARD PLATED ON HARD STEEL HUNTING.

BOYS' SIZES IN TINNED, N.P. ON IRON, N.P. ON STEEL.

HORIZONTAL ROWELS.

SPUR ROWELS. $\frac{1}{2}$ to 1 inch Diameter; Assorted.

BREECHING STRAPS—Buggy, $\frac{1}{4}$ inch, Brass, Nickel-plated, Solid Nickel
Buckles.

Gig, 1 inch. Qualities as Buggy.

Spring Cart, 1 $\frac{1}{4}$ inch, Single Leather, Japanned, Brass
Solid Nickel Buckles.

Spring Cart, 1 $\frac{1}{4}$ inch, Double Leather, Japanned, Brass,
Solid Nickel Buckles.

BELL STRAPS— $\frac{7}{8}$ (Sheep), 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ (Horse), 1 $\frac{1}{2}$, 1 $\frac{3}{4}$ inch (Bullock).

DEE STRAPS— $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch.

KNEE STRAPS— $\frac{5}{8}$ inch.



THE GORDON WATER BAG, FILTER AND BUTTER COOLER.

MADE FROM THE BEST BLEACHED CANVAS.

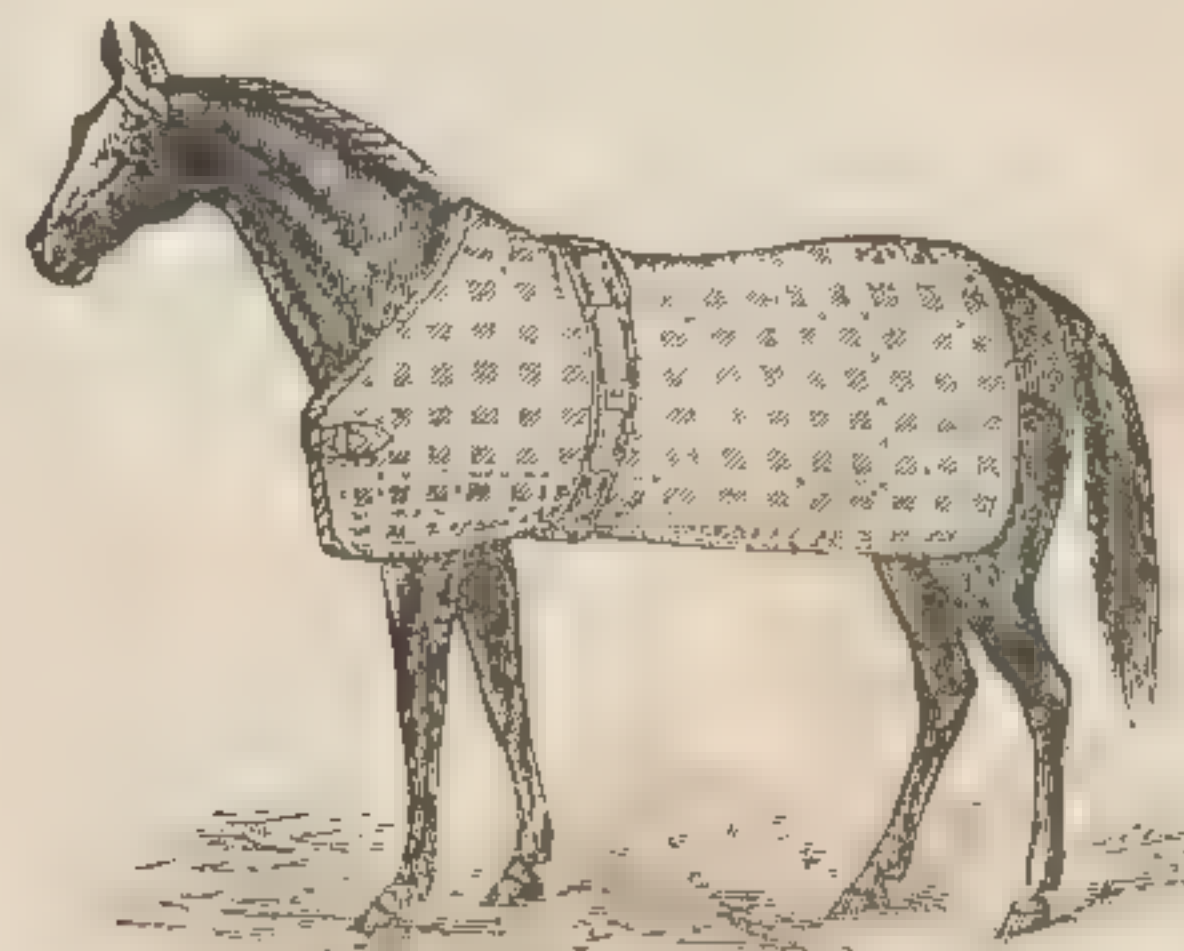
THIS BAG HAS STOOD THE TEST OF YEARS,

AND IS EXTENSIVELY USED IN ALL PARTS OF THE INTERIOR.

VERANDAH WATER BAGS, Nos. 1 2 3

HAND	"	"	10, 12in.
DRAY	"	"	15, 18in.
SADDLE	"	"	with or without leathers. Hand Sewn.

Bags, Clothing, Rugs, and Brushes.



Horse Clothing.

LINEN, SERGE, AND PRINCESS CHECK.

The Materials for Clothing are Stocked, and any size or style can be made to order without delay.

FAWN QUARTER SHEETS, 5 ft. to 6ft. 6in. STRIPED BLANKETS, 5, 6, 7 lbs

LINEN QUARTER SHEETS, 5 to 6ft. 6in.

WATERPROOF BUGGY RUGS

KAIPOI WOOL RUGS.

LINEN AND FANCY DUST RUGS.

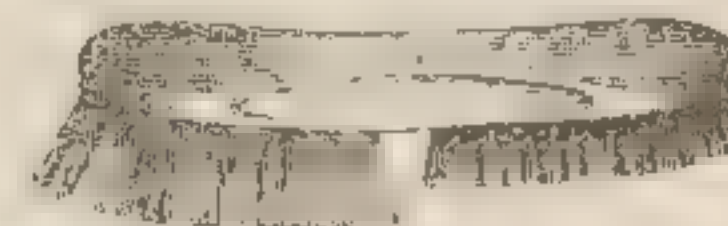
STABLE RUBBERS, Plain and Rough.

Horse Rugs. Cow Rugs.

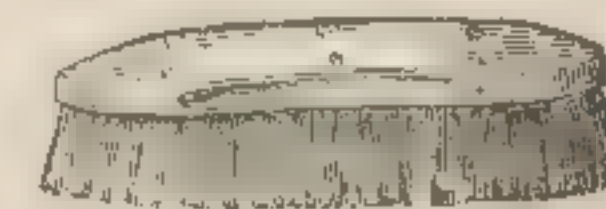
In all qualities.



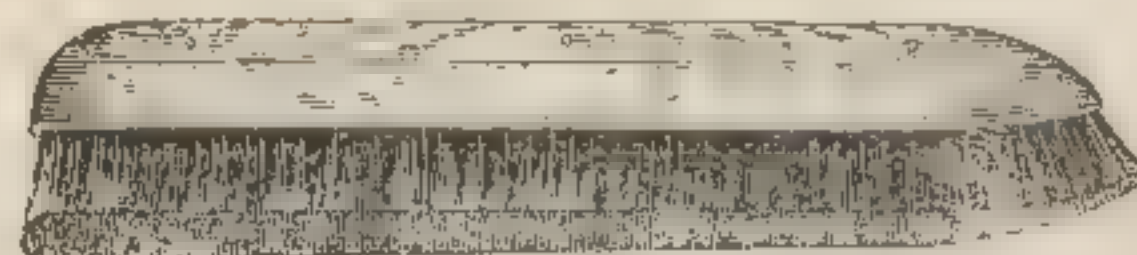
BODY BRUSH.
LEATHER AND WOOD BACKS.
Large Range of Qualities.



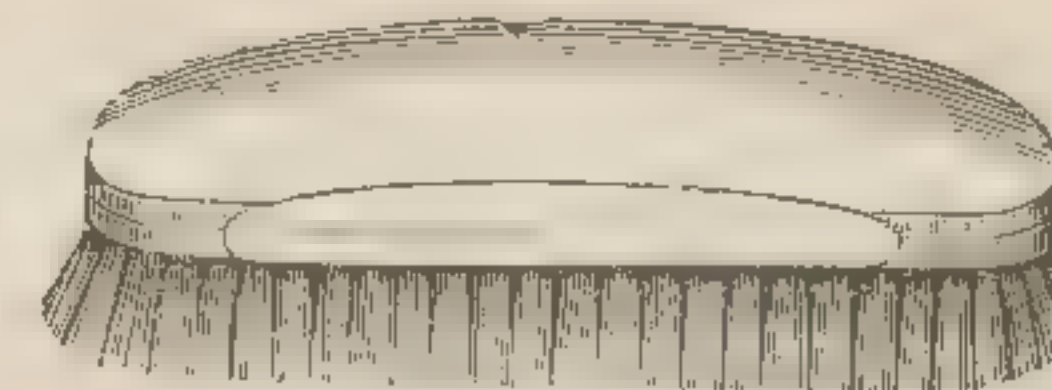
COMPO BRUSH.



WATER BRUSH.

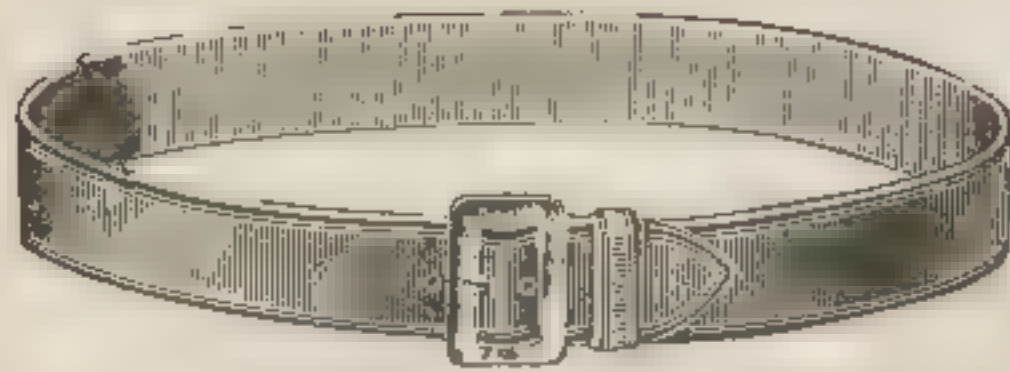


SPOKE BRUSH.



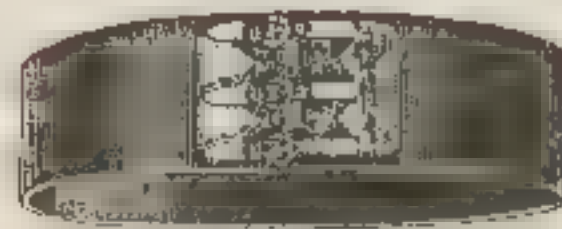
DANDY BRUSH.
All Weed, Bone and Weed, All Bone.
Varnished Backs. All Qualities.

Belts, Girths, Etc.



LEATHER BELTS.

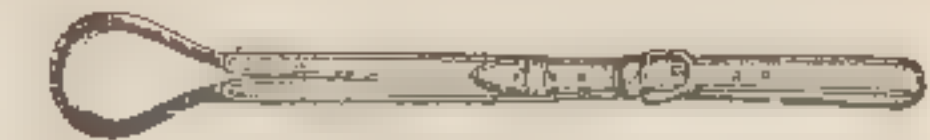
A large assortment in Plain and Fancy Patterns, 1 to 2½ inch. Any size or pattern made to order.



BODY BELT.



WRIST STRAP.

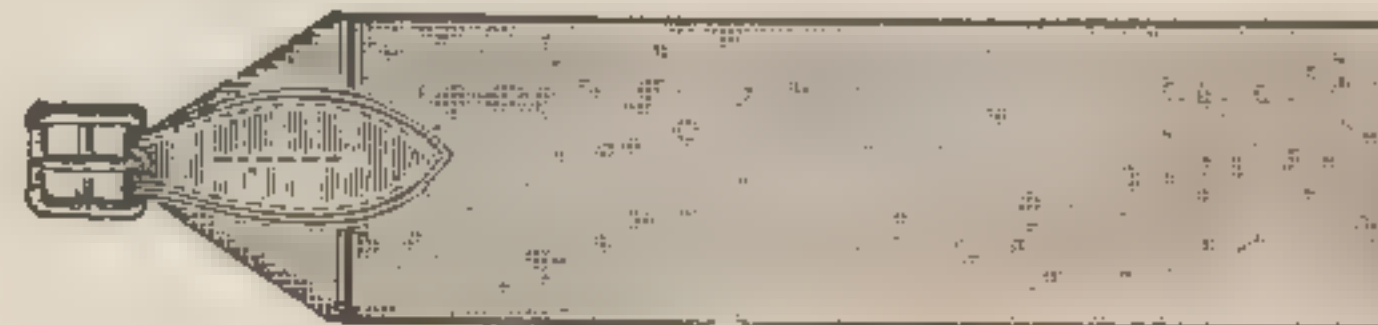


CRUPPER. Plain, 1 or 2 Buckles on Dock Queensland, with Ring



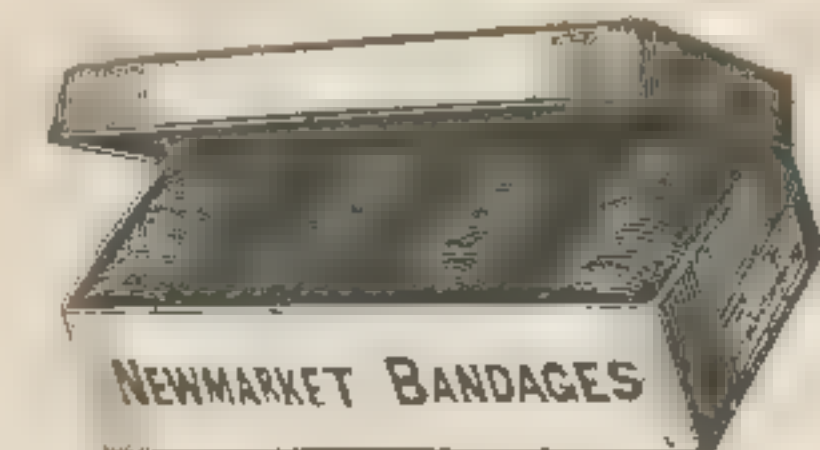
SPLIT LEATHER GIRTH.

Folded Leather Girths. Single and Double Buckles. Also White Cord, 10 and 16 Strands.



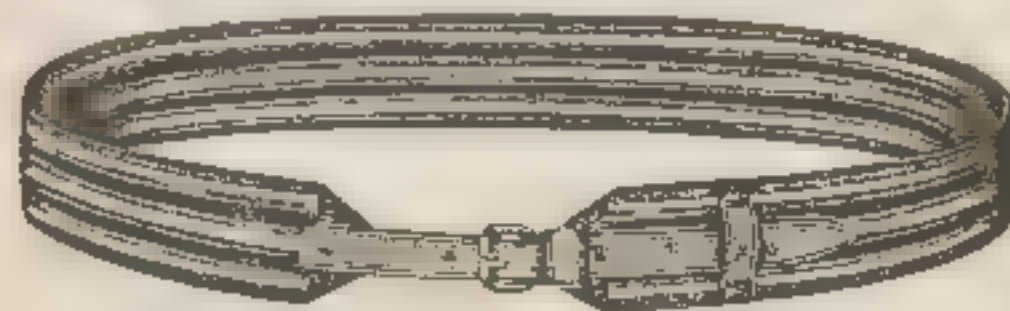
WEB GIRTH.

Cotton, Union, Wool, White or Fancy, Race.



NEWMARKET BANDAGES

WHITE, BLUE, FAWN



CIRCINGLE.

Web—In Cotton, Union, or Wool; White or Fancy, 2, 2½, 2¾, 3 in. Jute for Rugs, 3½ inch. Leather, 1½, 2, 2½, 2¾ in.



ASCOT GIRTH.



BODY ROLLER.

Linen, Union, Wool. 3 or 5 in.

DYE—Harris' Black, Pint Bottles, 1 Gal Jars and Casks.

Phosphine Powder, 2oz. Bottles.

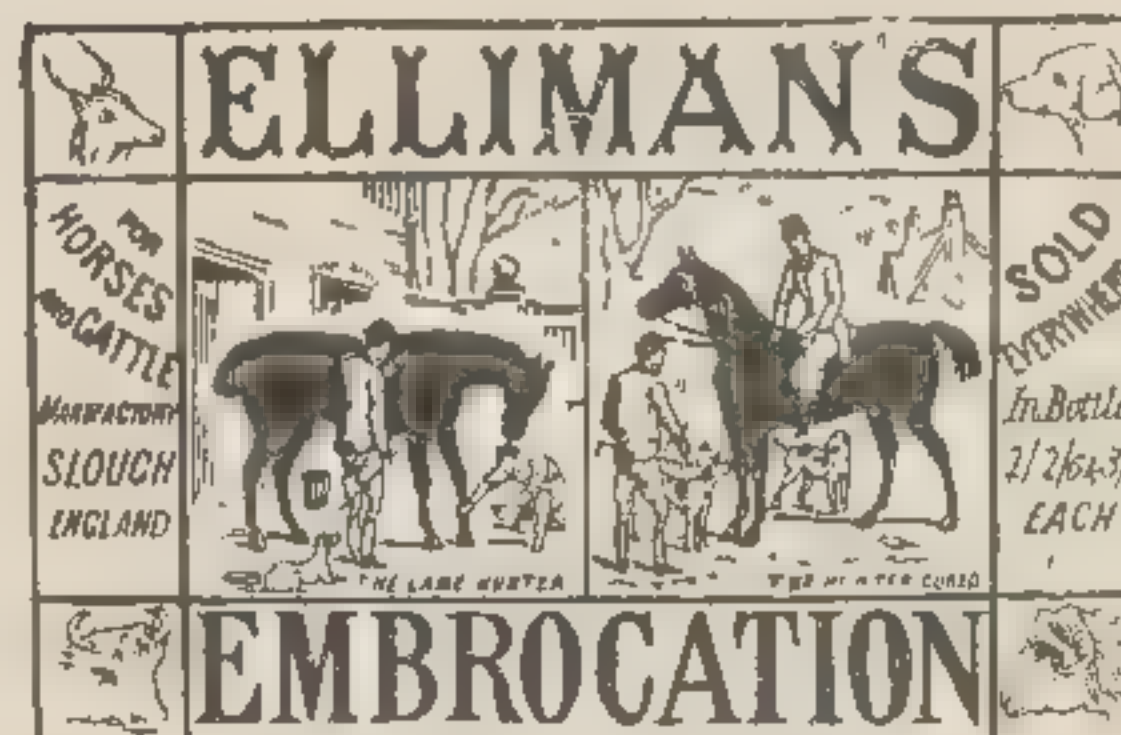
Bismarck Brown, ½ lb. Tins.

DUBBIN Dale's, Black and Brown. No. 1 ½ lb.

DRESSING—THE DAGGER. An English manufactured Dressing, specially put up for ourselves, in Pint and Quart Tins for Black or Tan Harness

Maroon and Green, suitable for re-dressing Leather Suites.

We can **RECOMMEND** the above with **CONFIDENCE**.



ROYAL AND UNIVERSAL.

DRESSING—MILLER'S Harness. Pints, Quarts ½ Gals

HARRIS' Liquid. Ebonite.

LEWIS & WHITTY'S. Pints.

MILLER'S Harness Oil. No. 1.

I.R. FETLOCK Rings, 3, 3½, 4 inch.

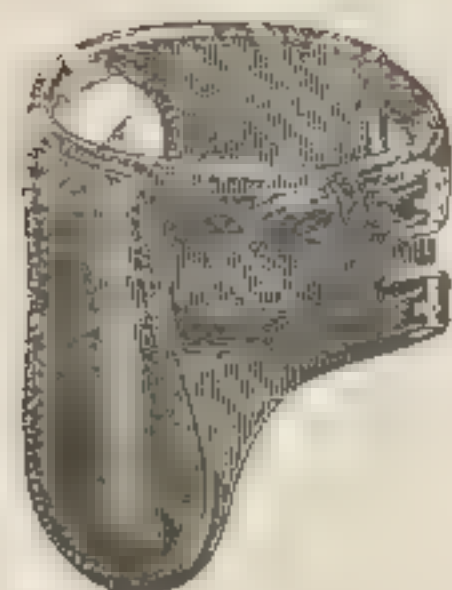
FELT—Blue and Fawn, ½, ¾ inch; 72 in. wide.

GALL CURE—BICKMORE'S, n 2 oz 6 oz 1 lb Tins

Boots and Pads.



No. 1.
FETLOCK BOOT.



No. 2.
FETLOCK BOOT.



No. 3.
INNER KNEE
BOOT.



No. 4.
KILDARE KNEE CAP.



No. 5.
KNEE CAP.



No. 6.
POLO BOOT.

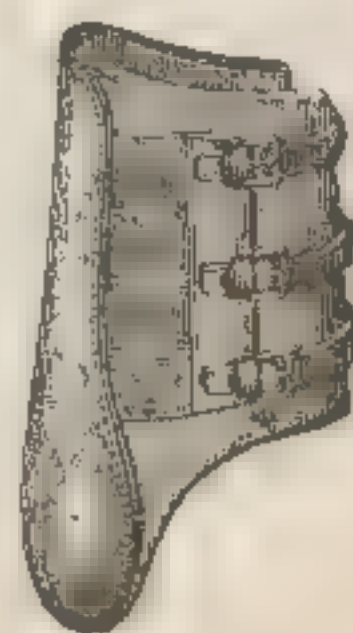
BRUSHING BOOTS.



No. 7.



No. 8.



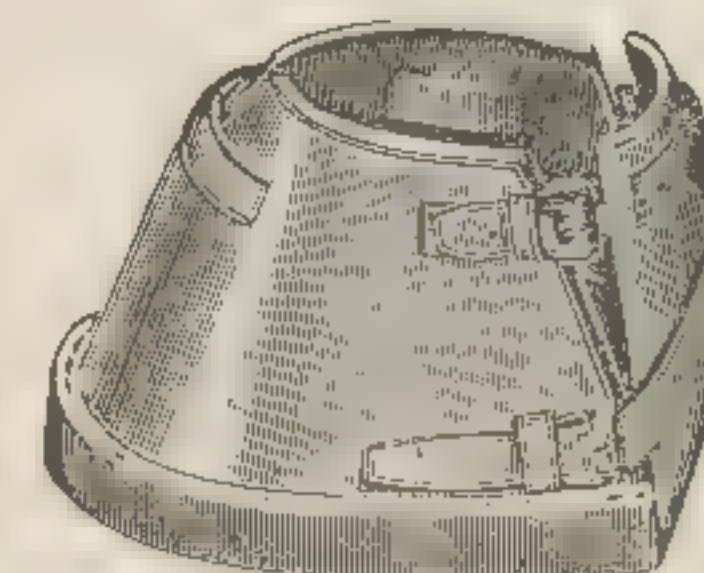
No. 9.



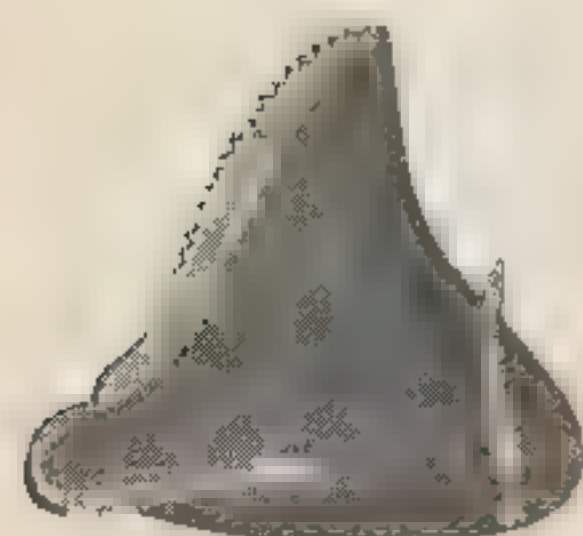
No. 10.



No. 11.



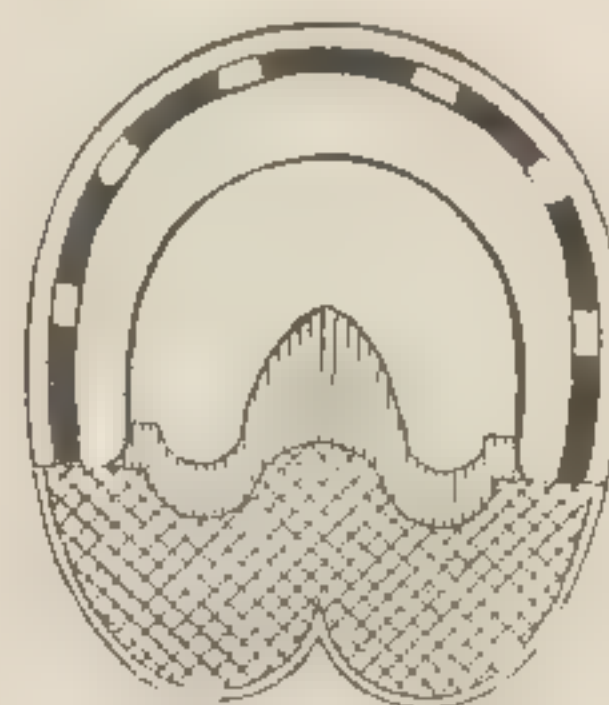
No. 12.
LAWN BOOT.



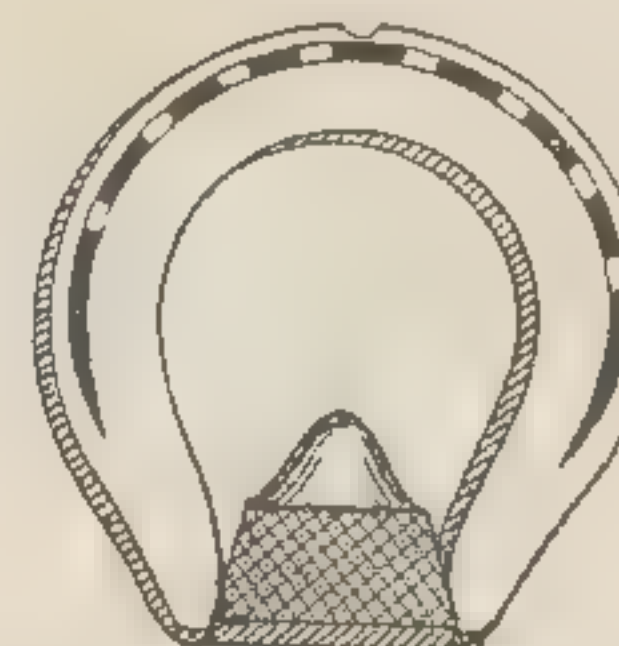
No. 13.
SCALPING BOOT.



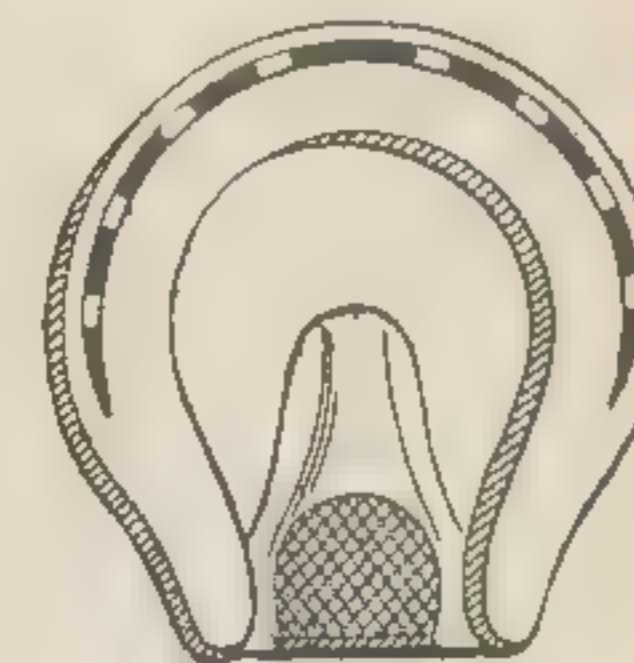
No. 14.
HINGED QUARTER
TROTTING BOOT.



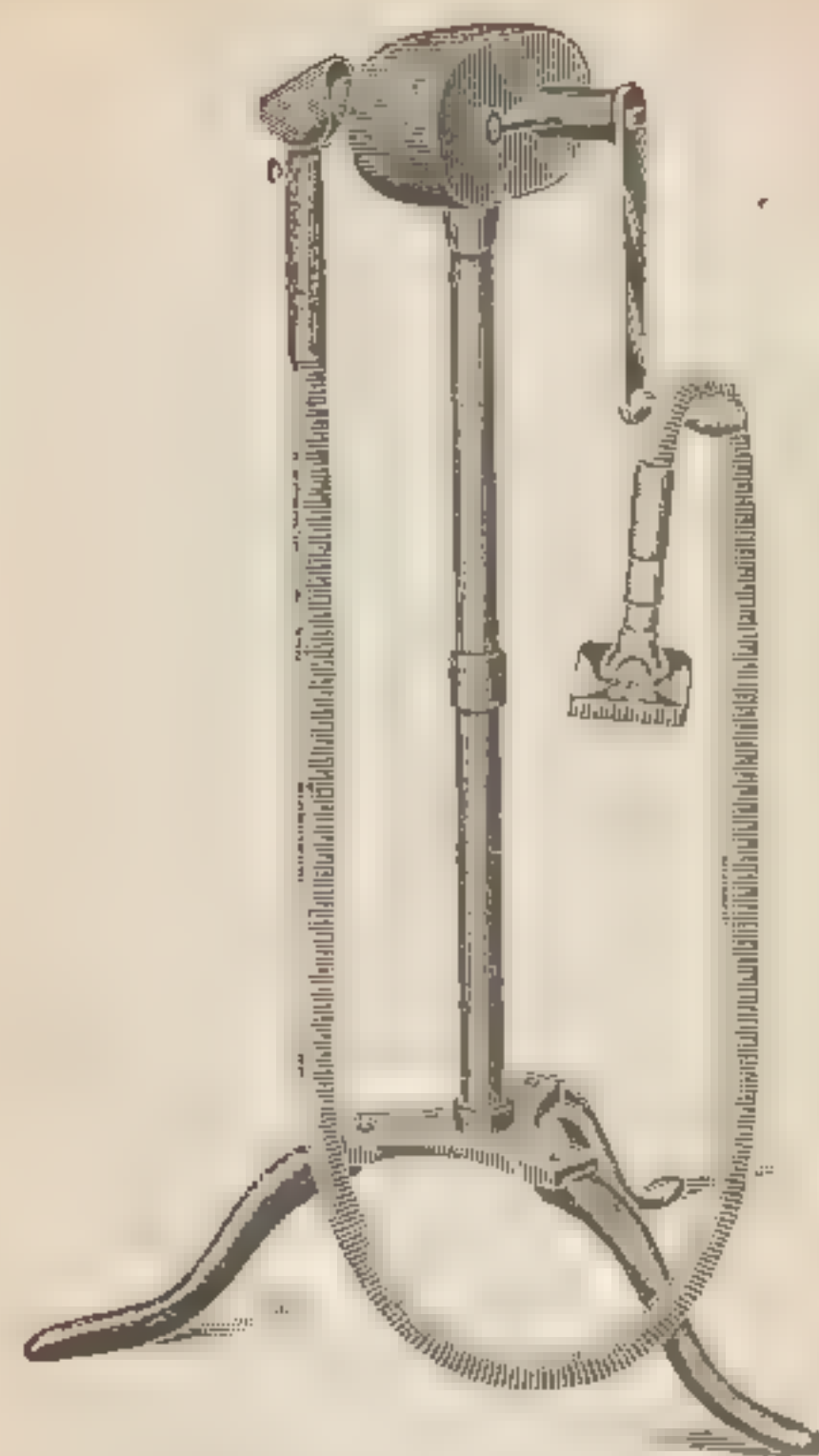
NEW BAR PADS.
No. 2 3 4
 $5\frac{1}{2} \times 6$, $6 \times 6\frac{1}{2}$, $6\frac{1}{2} \times 7$



FROG PADS.
No. 2 3 4 5
 $5 \times 5\frac{1}{2}$, $5\frac{1}{2} \times 6$, $6 \times 6\frac{1}{2}$, $6\frac{1}{2} \times 7$



PATENT
METROPOLITAN PADS.
No. 3 4
 6×6 , $6\frac{1}{2} \times 6\frac{1}{2}$

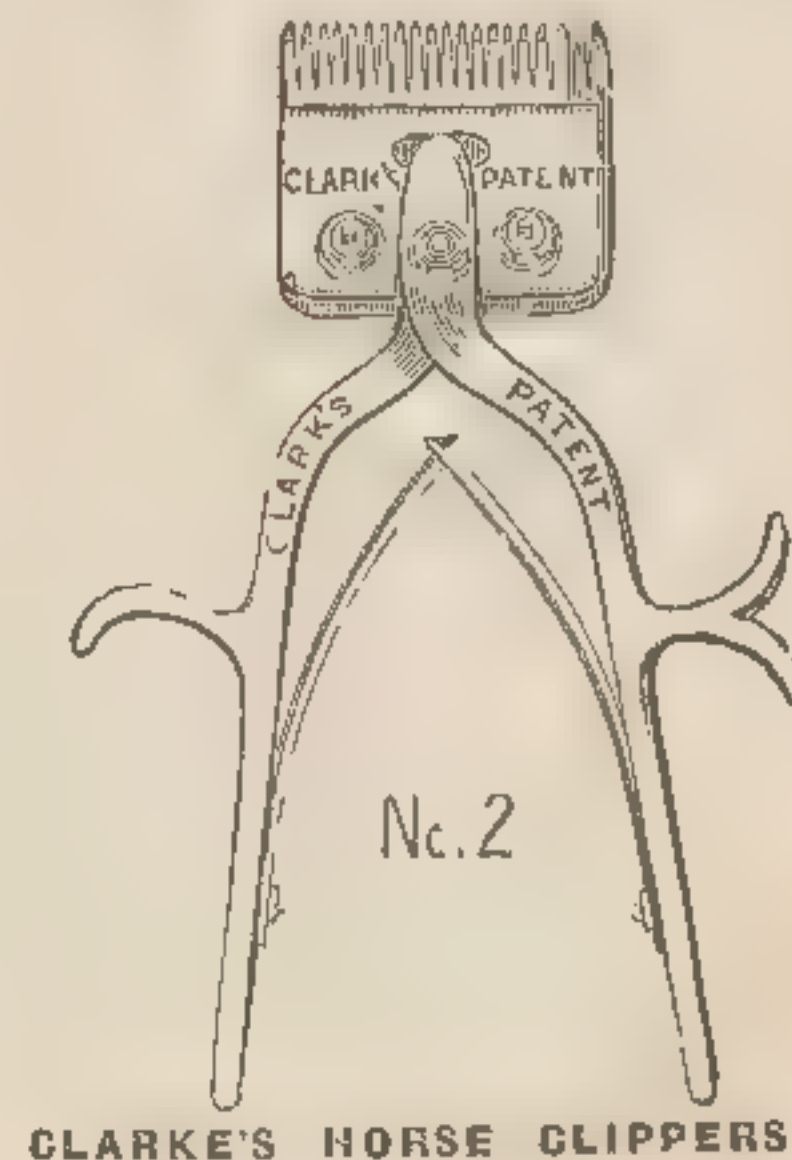
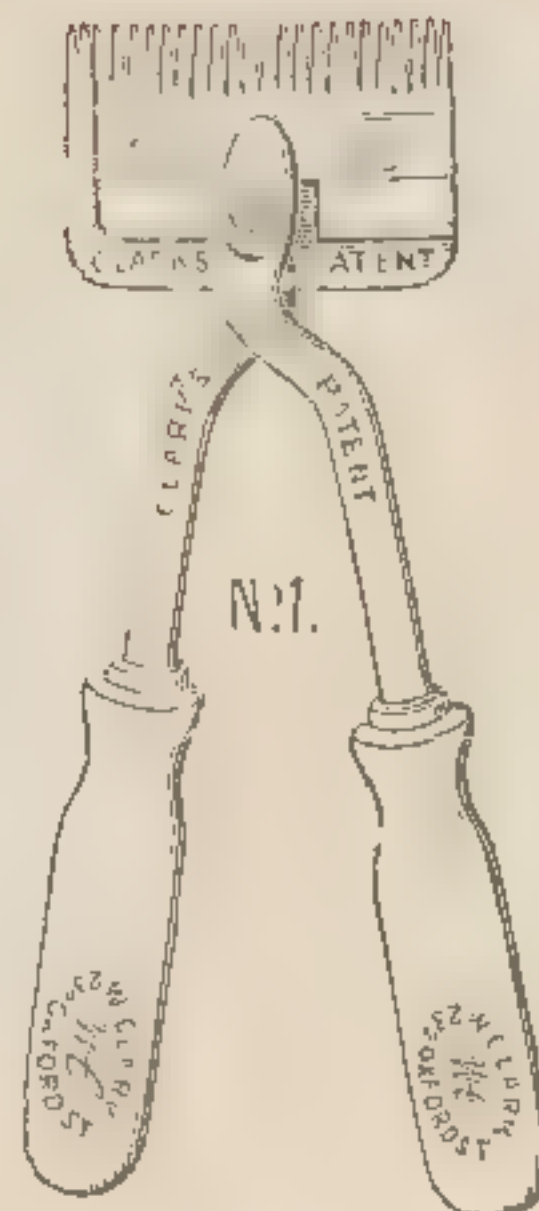


The "No. 1" Horse Clipping Hand Machine.

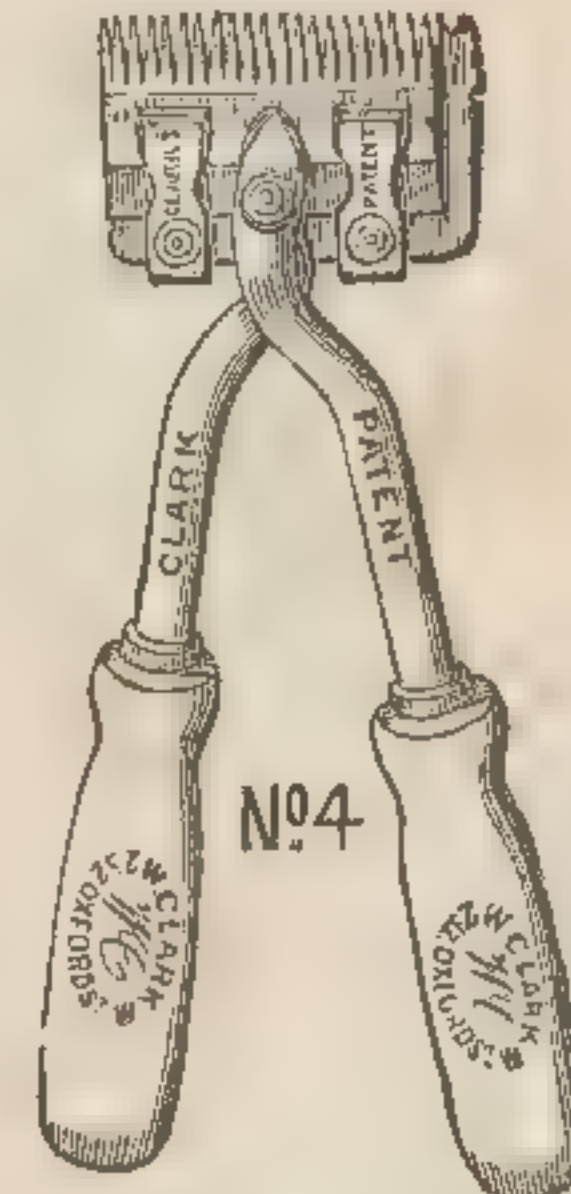
One great feature in this machine is its extreme simplicity, which renders the clipping of horses possible by the veriest tyro.

This neat machine has been aptly termed "the little machine that does big work," since a horse can be satisfactorily clipped in 30 minutes.

The ingenious mechanism that changes the slow motion of the crank handle to the high speed necessary for the knife, is all encased in a metal cover. This protects the gearing from every kind of dust and dirt. The gears are all cut from solid steel and made file hard. They run constantly in oil, which reduces friction and wear to the minimum. The makers guarantee the driving mechanism for twenty-five years. Each machine is fitted with six feet of a new style oil-tempered steel flexible shaft, and it has the "Stewart" one nut tension knife. The device runs easily and clips fast. It stands 39 inches high over all, and weighs 36 pounds boxed. It can be boxed into small space, and readily carried anywhere. The measurement of box is 15 in. x 12 in. x 7 in.



CLARKE'S HORSE CLIPPERS.



SINGEING LAMP.

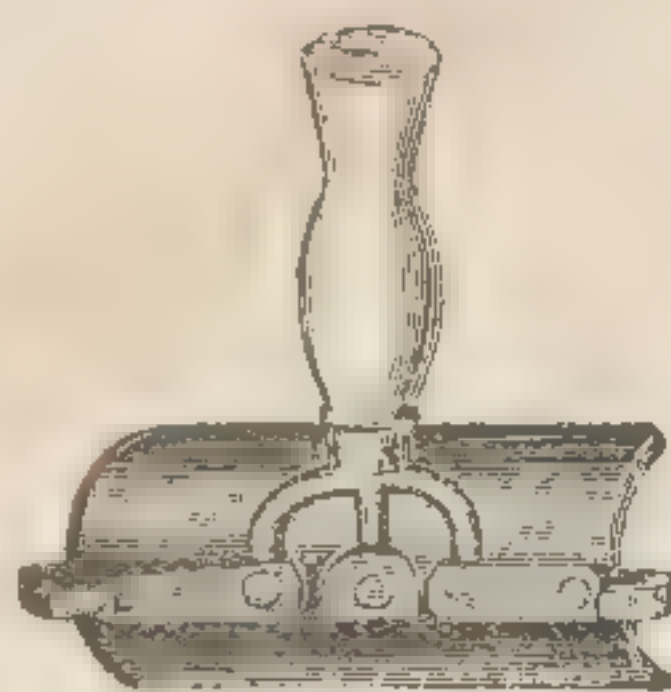


No. 1.



No. 2.

CURRY COMBS.



COW COMB.



No. 3.



No. 4.



No. 5.

COMPOSITION. Jamieson's, Harris'. **CHAMOIS.**—All Sizes. **CLOUTS.**—Straining, 8 to 20 oz. Wrought, $\frac{3}{4}$ to $1\frac{1}{2}$ inch. **COLLAR CLOTH.** Nos. 1, 2, 3, 4, 40 and 44 inch. Red, White and Blue Check. Blue, Scarlet or Kersey Pattern, 40 inch only. For Rug Linings, 44 and 48 inch. **CANVAS.**—Navy, 24 inch; All Qualities. Tarpaulin, 24, 36 inch. A, B, D, C, for Water Bags, 24 inch. Tanned, Waterproof or Plain, 60 inch.



1 LB. TINS. 3 DOZ. CASES.
The Best Leather Preservative. A Lubricant for Light Axles.
A Cure for Wounds, Sores, Galls, etc.

Leatherine and Leggings.



No. 1.

STRAIGHT TOP.



No. 2.



No. 5.

PUTTEE.



No. 3.

NAPOLEON TOP.



No. 4.



No. 6.

THE MODE.



No. 7.

GAITERS.

With Buttons,
Buckles, Tweed,
Buff, and
Leather.



No. 8.

GOLF GAITER.

LEGGINGS—STAINED OR PLAIN, WITH
OR WITHOUT TOE-CAP.
SPRING, AND 1 BUCKLE. 5 BUCKLES.

HOGSKINS.—Saffron or White, all sizes and qualities.
BASIS.—All Grades.

LEATHER—American, and Colonial Black and Brown
Harness.

Bridle—English and Colonial.

Bag—Self Color, Brown, or Saffron.

Winker Middlings or Flap Middlings.

Binding and Fronting Red, White, and
Blue.

Legging—Pebble Grain or Plain.

Sole—Light, Medium, and Heavy.

Kip—Calf and Tweed.

HEMP.—Pymore, Barbour's.

No. 2 Com., No. 1 Com., Best Com.

Fine Thread, No. 9 White, Fine Scotch,
Black, Orange, and Yellow.

COLLAR TWINE.—1 lb. Balls, 6 Cord.

FOLDING HOOF PICKS.

HOPPLEMUROMA,—in Tins.

HAIR.—In Rope or Teased, Com. Grey, Best White

HANDLES.—N.P. Rug Strap, to take from $\frac{1}{4}$ to $1\frac{1}{2}$
in Straps.

HALTERS.—Colonial, Ordinary, Medium, and
Colts'. Platted or Woven Heads.

KERSEY AND KERSEY CHECK.—40 inch, various
Patterns and Qualities.

MUZZLES.—Horse—Solid End, or Strap.

Dog—,, ,, Strap, or Wire, all
sizes.

Calf—Plain or with Spikes.

TWINE—Quilting.

THREAD—Black, White, and Fancy Colors,
to suit Saddlers.

VEILS—Horse, Macrame, Basil, Leather.

WAX—Beeswax. Black Saddlers', in Balls.

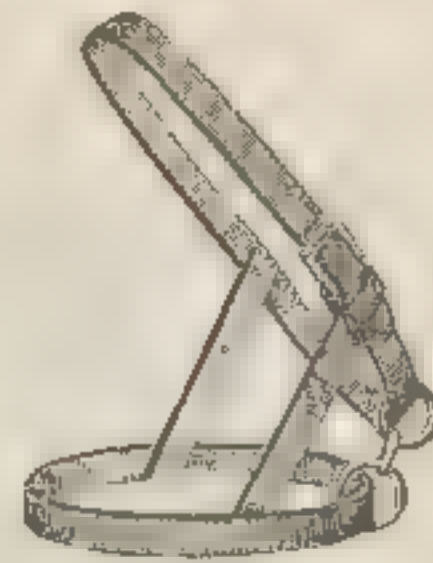
Muzzles, Dog Collars, Etc.



No 1.
HORSE MUZZLES.



No. 2.



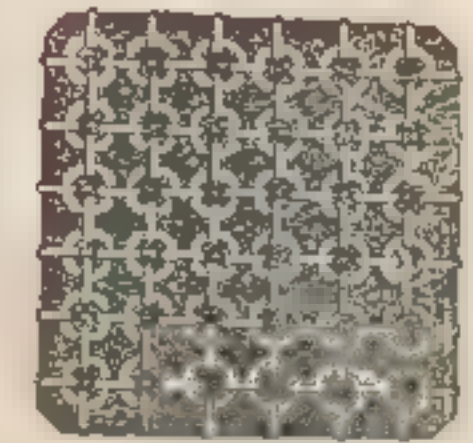
HEAD STALL.
1, 1½, 1¾ inch.



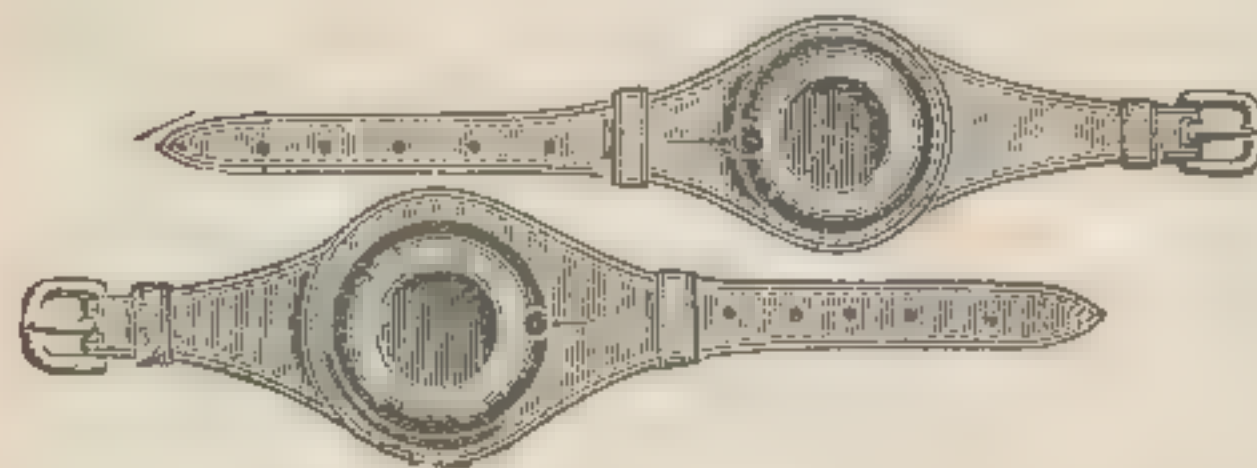
NEWMARKET HEAD STALL.
1, 1½, 1¾ inch.



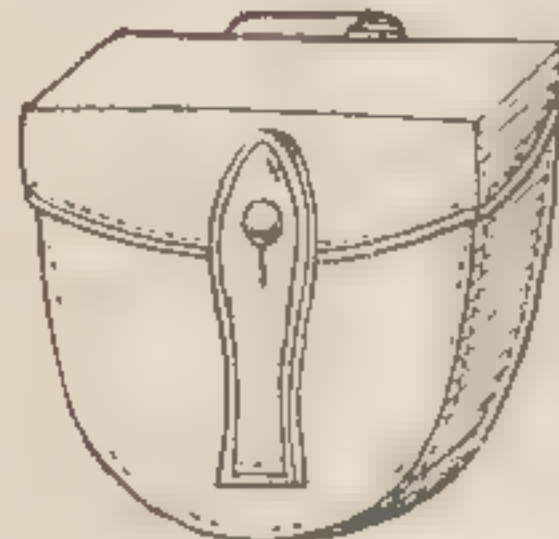
HORSE TIE.



BURNISHER.
Double Links, 3¼, 4 in.



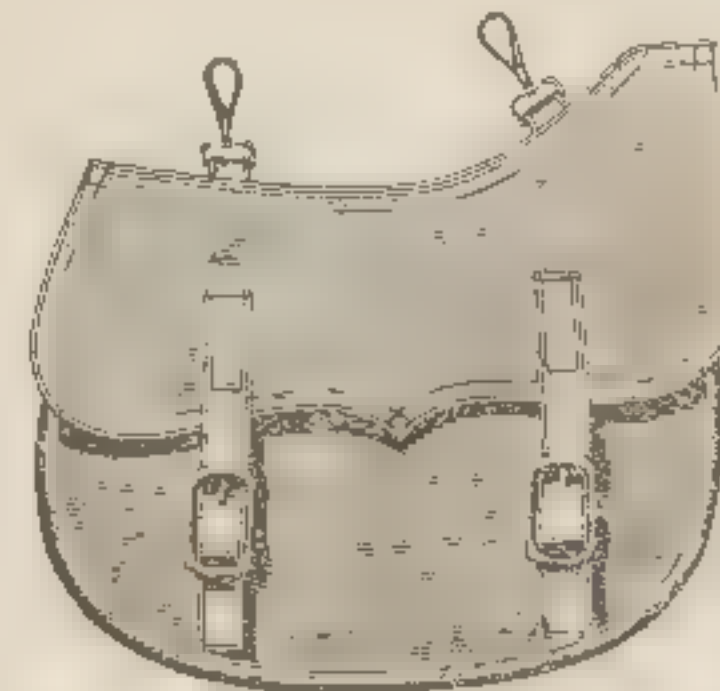
WATCH WRISTLETS.



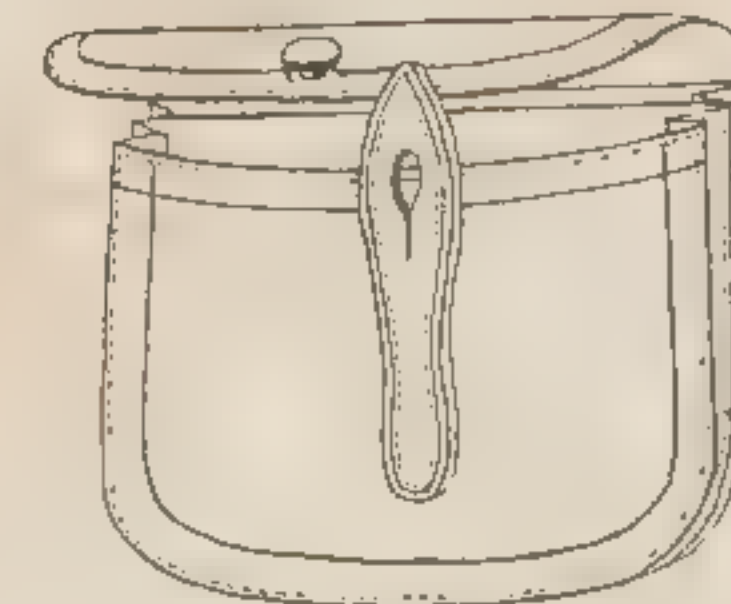
WATCH POUCH.
Plain and Chamois Lined.



PORTSEA PURSE.
on Cards.



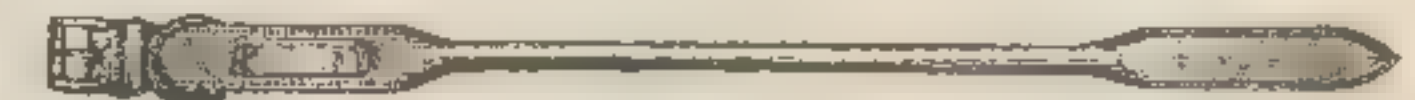
SADDLE POUCH.
Stained, with Hooks or Straps.



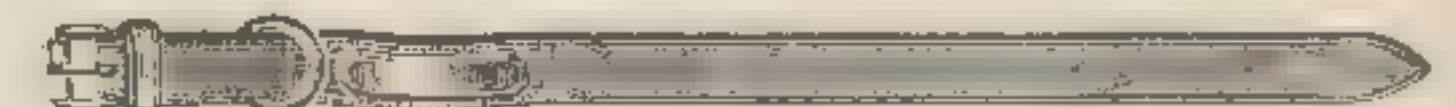
BELT POUCH.
Single and Double.



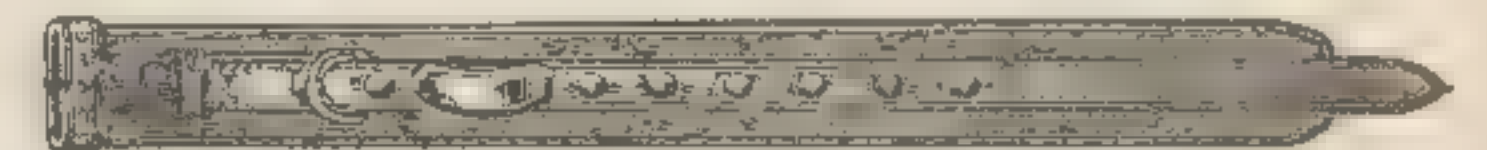
BRACES (LEATHER).



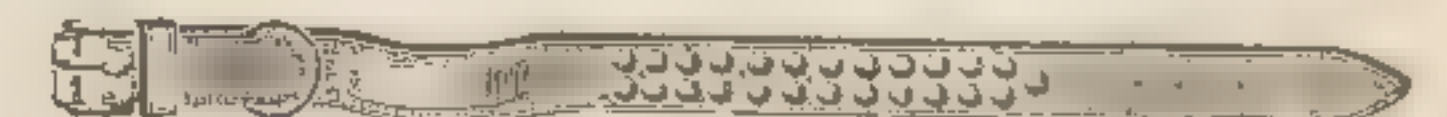
COLLIE COLLAR.



LEATHER DOG COLLAR. ½ to 1½ inch.
Tinned, Brass, or Nickel Mounts



GREYHOUND COLLAR. Lined with Chamois



FANCY DOG COLLARS, on 1 doz. Cards. Assorted.



GREYHOUND SUITS.

COLLARS—Nickel or Brass Band. Chain Assorted.

NETS—Fly Netted Quartersheets, for Pony or Full Size. Ear Nets.

PASTE, SADDLE PROPERT'S.

POLISHING, Matchless, Nos. 2 2 oz.

RIVETS—

Coppered Bifurcated, in Boxes, ⅜, ½, ¾, 1 inch, or Carbons, containing 1 dozen Boxes, assorted sizes, Nos. 6 and 9.

WEB—Straining, 2, 2½, 3 inch.

Girth—Cotton, Union, and Wool, Plain and Fancy, 3, 3½ in.

Race, 2, 2½, 2½ inch.

Roller (Stallion), 4, 5, 6, 7 in. Assorted Patterns.

Rein (Round), ¾, 1 inch. White.

Jute (Circling), 3½, 4 inch. Striped and Plain.

Bridles.



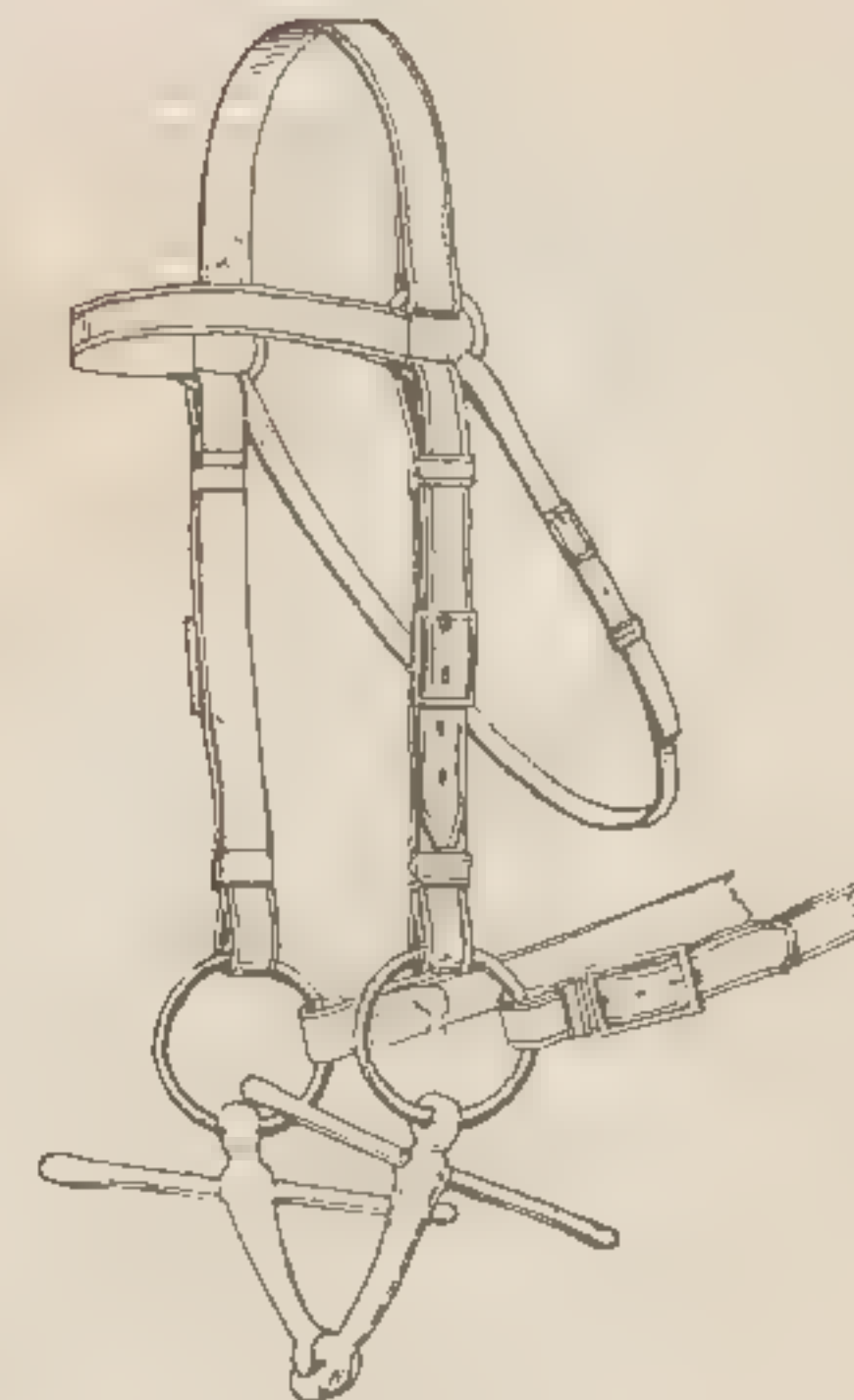
RACING BRADOON
BRIDLE



LADIES AND GENT'S PELHAM.



SNAFFLE.



BAROQUE



BREASTPLATE AND MARTINGALE.

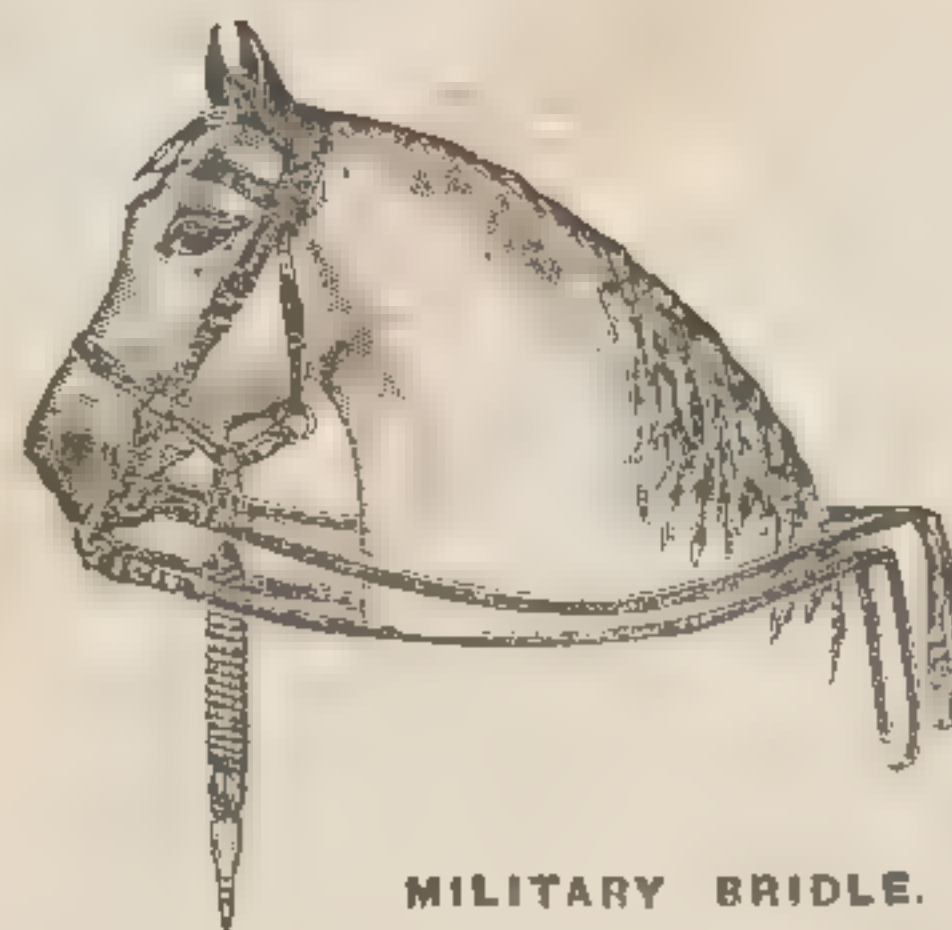
English, Gent's, Plain or Laid
on, with Ivory or Nickel Rings.
 $\frac{1}{4}$, $\frac{5}{8}$, 1.

Ladies', Rounded or Flat, with
Ivory or Nickel Rings.
Web, Single or Circular.

Colonial, all qualities, to match
any bridle.



WEYMOUTH.



MILITARY BRIDLE.

English Heads and Reins, without Bits.

SNAFFLE, POLO, GENT'S PELHAM, WEYMOUTH, LADIES' PELHAM, with Flat or Round Reins.
RACING, with Billets, or for sewing into Bits. PONY SIZE, in any style.
A LARGE RANGE OF ALL QUALITIES AND PATTERNS STOCKED.

Colonial Bridles, with Bits.

$\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ inch.

PLAIN, with Tanned Buckles, SUPERIOR PLAIN, with Plated Buckles.
SAFFRON STAINED, Plated Buckles.

" " " " and Patent Fronts.

" " " " and Lined Heads.

BARCOO, with Double Cheek Ring in head, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, in

DO PLAIN, STAINED AND SUPERIOR, sewn with Black Wax.

HIGHER QUALITIES OF COLONIAL BRIDLES CAN BE SUPPLIED.

MILITARY BRIDLES AND BITS OF ALL DESCRIPTIONS.

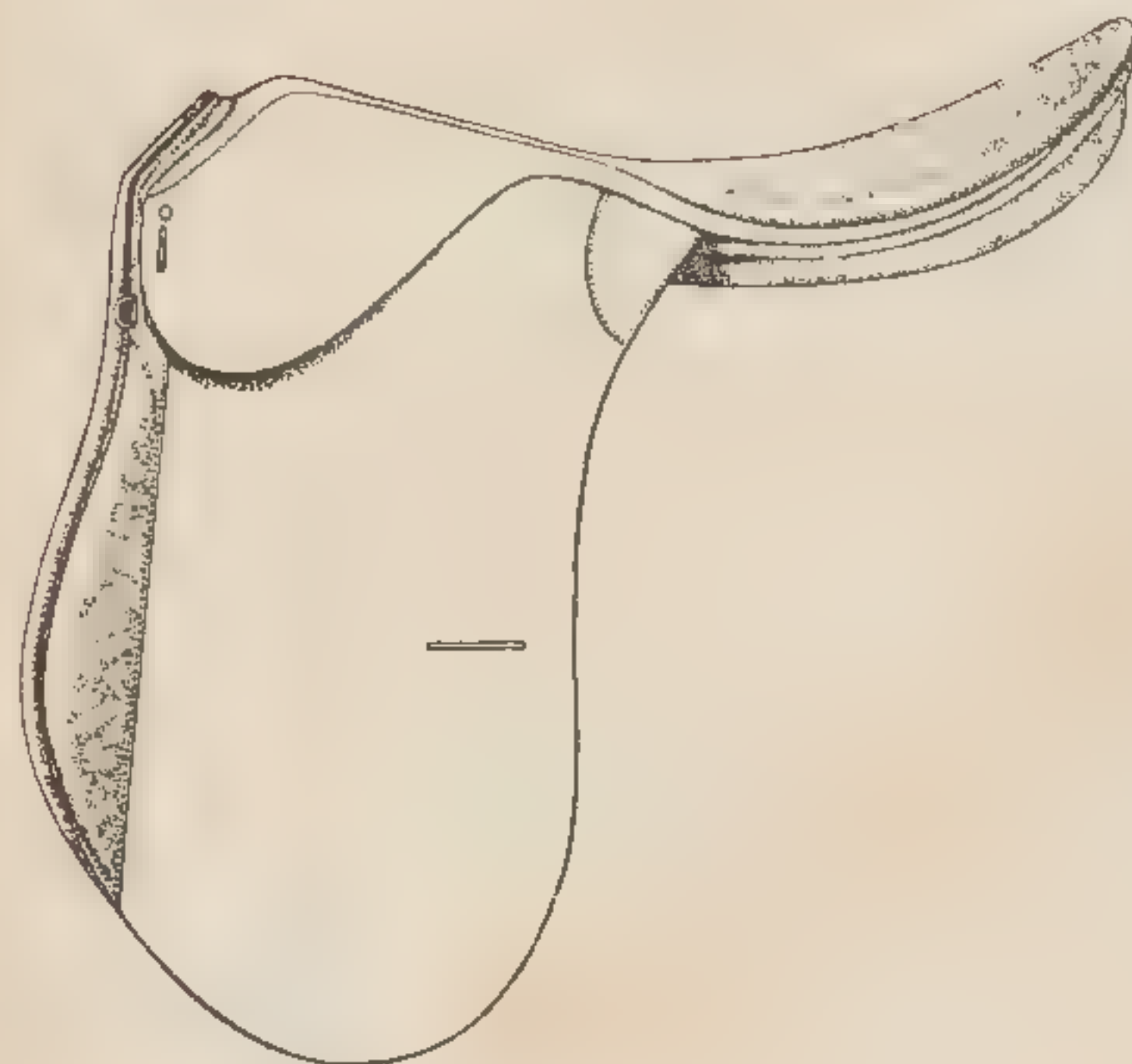


LADIES' MARTINGALE

Saddles.



ALL SADDLES COMPLETE WITH GIRTHS,
STIRRUP IRONS AND LEATHERS.



EXERCISE SADDLE.

English Pattern Park Saddles.

- No.
1. Hogskin Seat and Pads.
2 " " "
3 " " "
4 " " "
5. Hogskin Seat, Skirts and Pads.
 Skirt all round.
8. All over Hogskin, Skirt all Round.
9. " " Superior.



PARK SADDLE

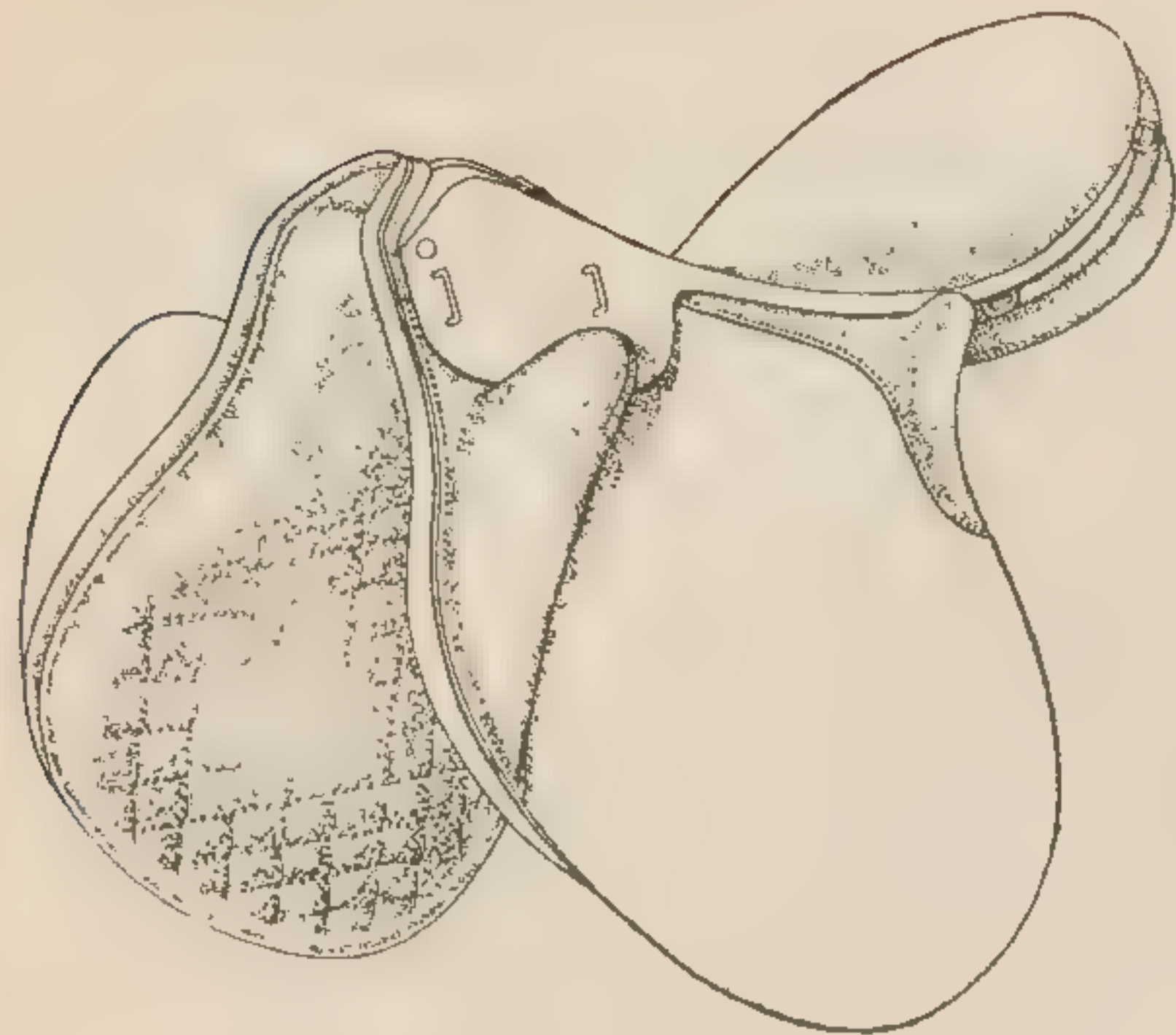
Exercise Saddles.

- No.
10. Hogskin or Kangaroo Seat.
 on Plated Tree,
 6, 7, 8 lbs.

Race Saddles.

- No.
12. Demi Hog. 2, 2½, 3 lbs
14. Kangaroo. 2, 2½, 3 lbs

Saddles—Continued.

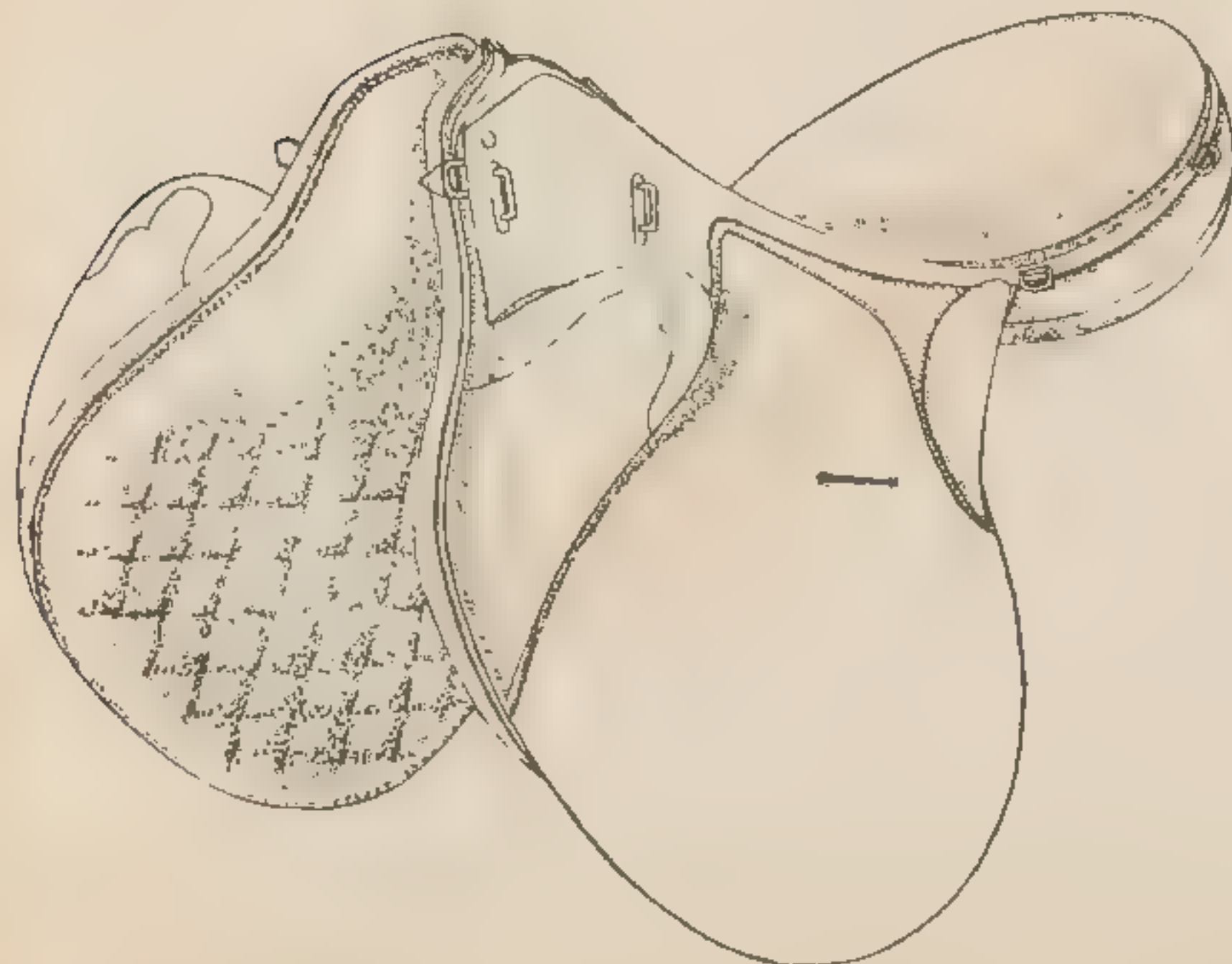


STOCK SADDLE.

- No.
15. Basil Seat and Knee Pads.
16. „ „ „ and Thigh Pad.
17. Bag Seat and Knee Pad only.
18. Hogskin Seat, Bag Knee Pad.
20. Bag Seat, Knee and Thigh Pad.
Plated Bar.
22. Hogskin Seat, Bag Knee and
Thigh Pad. Plated Bar.
24. Hogskin Seat, Hog Knee and Thigh
Pad. Plated Bar.
25. Bag Seat, Knee and Thigh Pad,
First Quality.
26. Bag Seat, Knee and Thigh Pad,
First Quality, Plated Bar.
28. Hogskin Seat, Bag Knee and Thigh
Pad. Plated Bar.
30. Hogskin Seat, Hog Knee and Thigh Pad.
Plated Bar.

- No.
34. Bag Seat, Knee and Thigh Pad,
Skirt all round, Plated Bar.
35. Hog Seat, Bag Knee and Thigh
Pad, Skirt all round.
36. Hog Seat, Hog Knee and Thigh
Pad, Skirt all round.
37. Superior Bag Seat, Knee and Thigh
Pad, Skirt all round.
38. Hog Seat, Hog Knee and Thigh
Pad, Skirt all round.
40. Wagga Pattern, Saffron, Plated
Bar, Rough Inside Pads.
42. Wagga Pattern, Saffron, Hog
Lining to Pads, Plated Bar.
44. Queensland Pattern Stock, with
Capped Pads, Hogskin Seat,
Rough Flaps, and Skirts.

Boys' Saddles.



QUEENSLAND STOCK SADDLE.

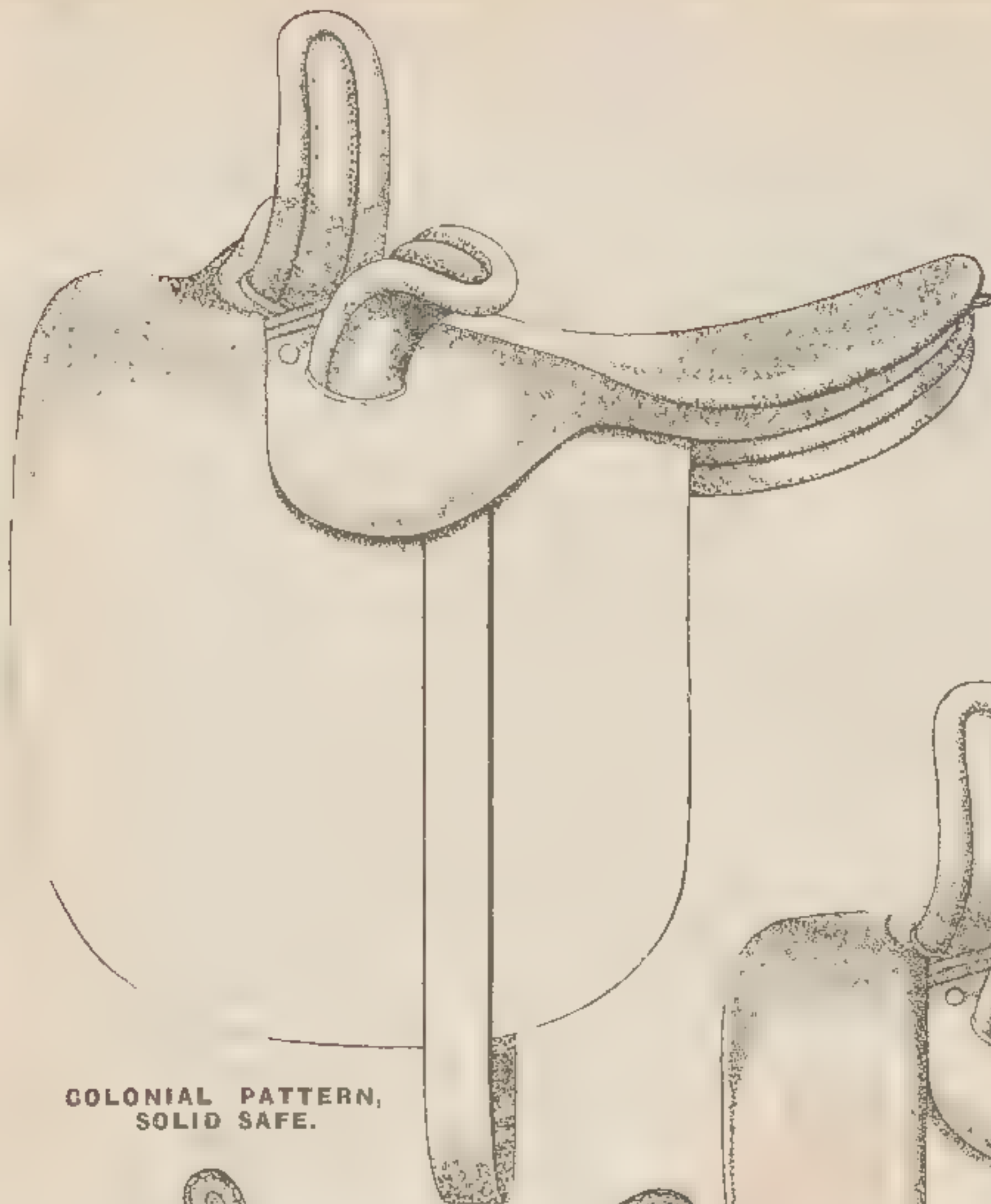
- No.
41. Basil Seat and Knee Pad.
45. Hog Seat, Bag Knee Pad.
46. Bag Seat, Bag Knee Pad.
47. Bag Seat, Bag Knee and Thigh
Pad.
48. Hogskin Seat, Bag Knee Pad.
49. Hogskin Seat, Bag Knee and
Thigh Pad.
50. Hogskin Seat, Hog Knee and
Thigh Pad.
51. Hog Seat, Bag Knee and Thigh,
Plated Bar.

- No.
52. Hog Seat, Hog Knee and Thigh,
Plated Bar.
53. Hog Seat, Bag Knee and Thigh
Pad, Plated Bar.
54. Hog Seat, Hog Knee and Thigh,
Plated Bar.

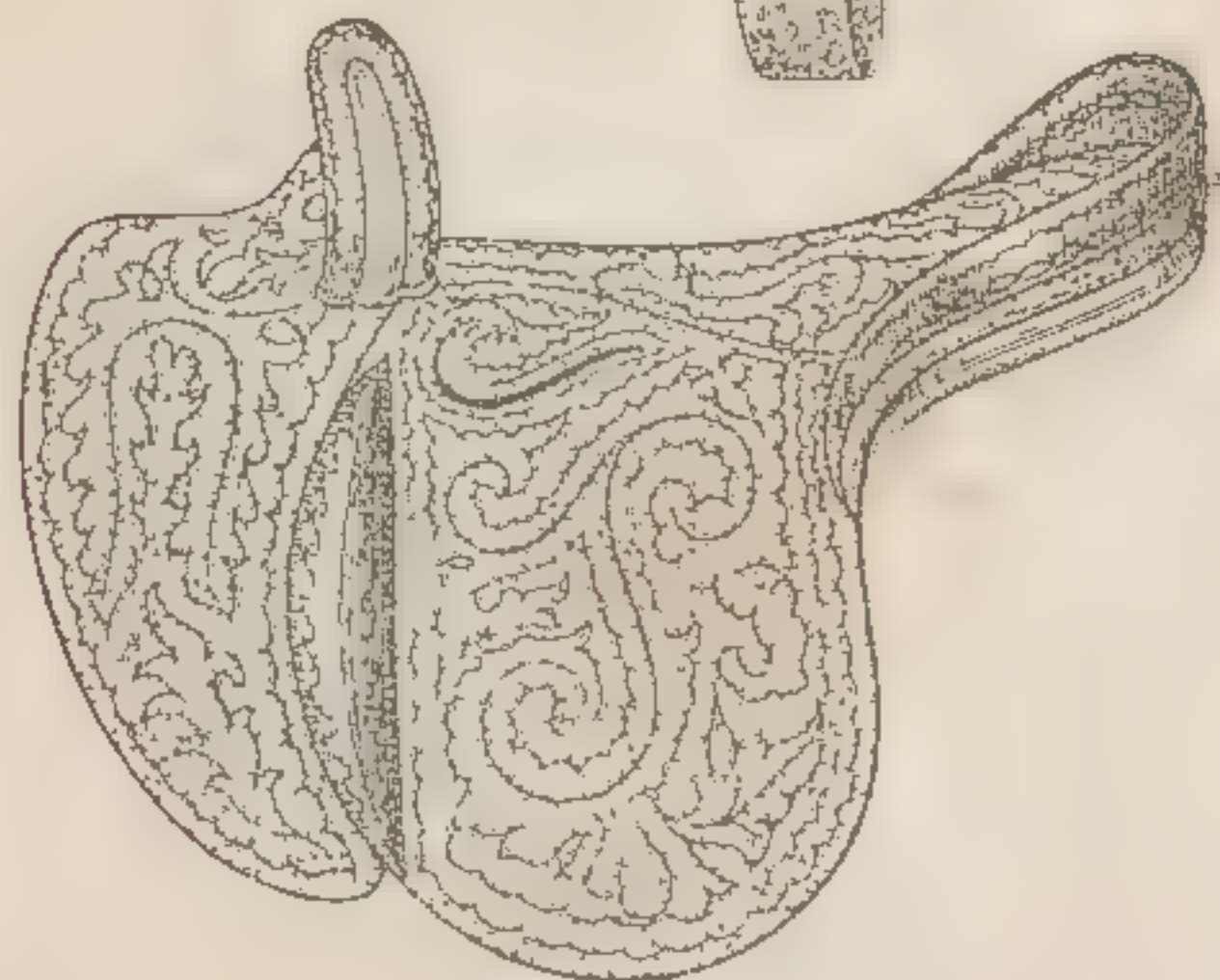
SIDE SADDLES.

57. Hog Seat, Solid Safe.
58. „ „ with eves.
59. „ Quilted Safe.
60. „ „ with eves.
61. London Color, Solid Safe, English
Style.
62. London Color, Bolstered Safe.

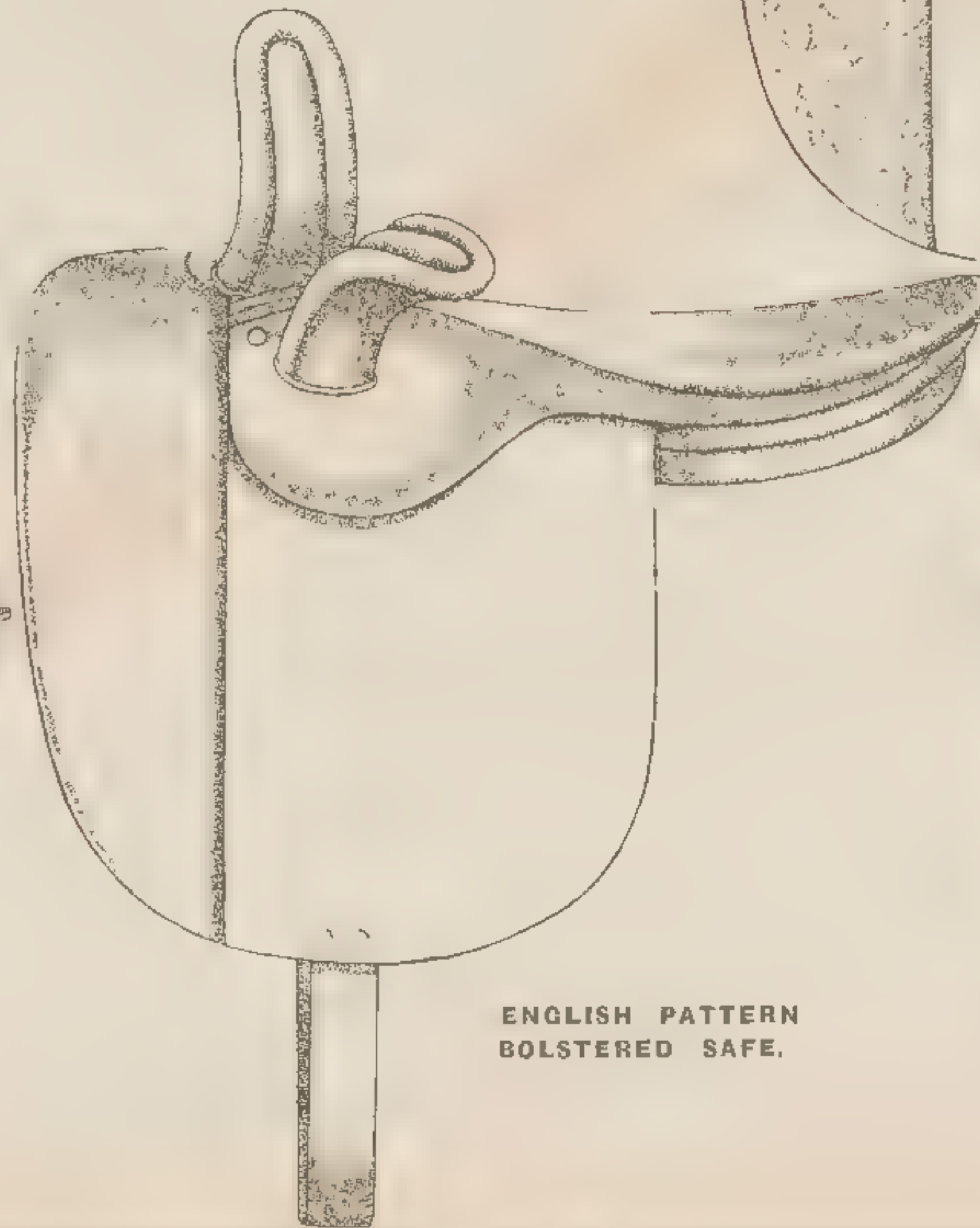
Side Saddles.



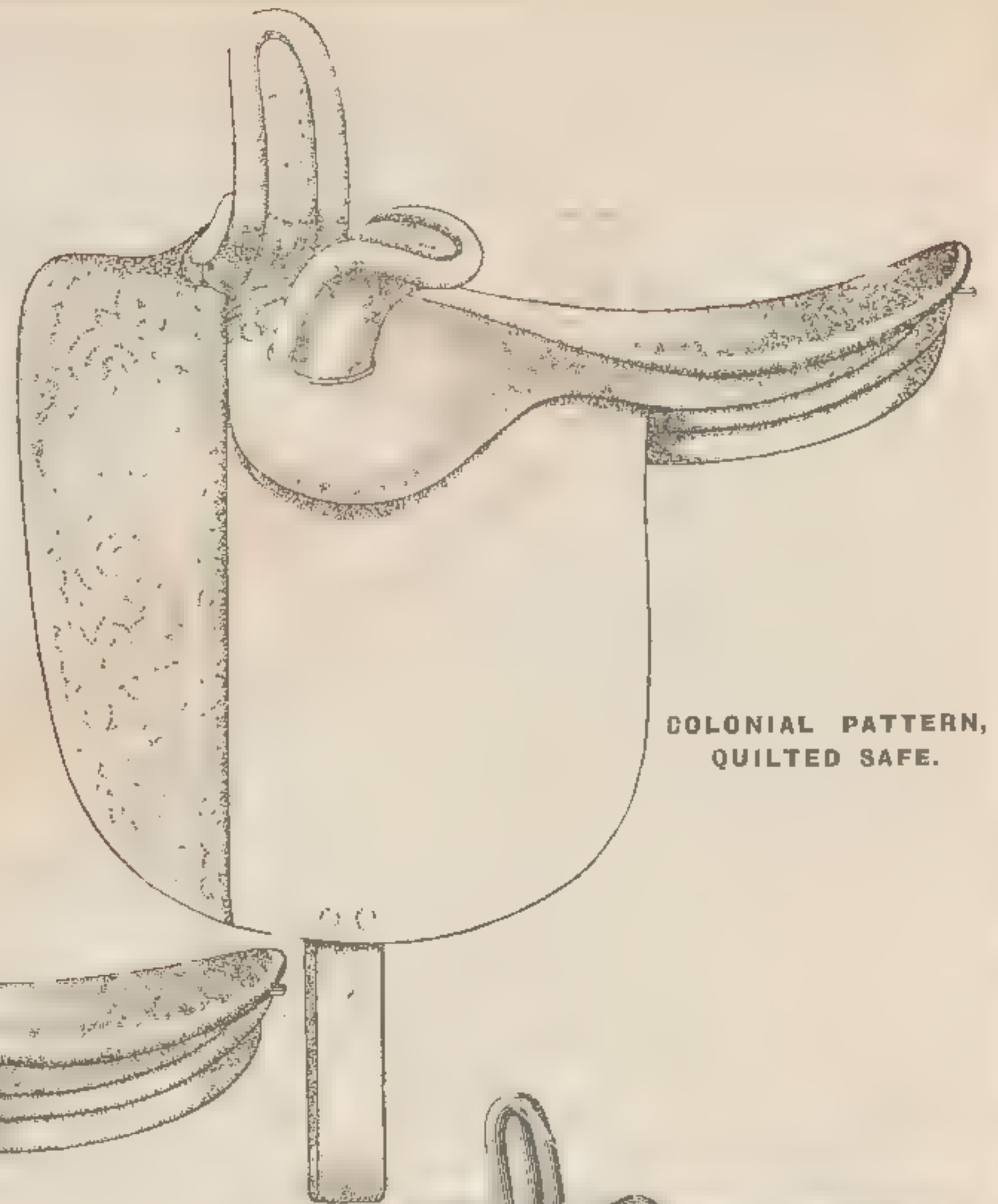
COLONIAL PATTERN,
SOLID SAFE.



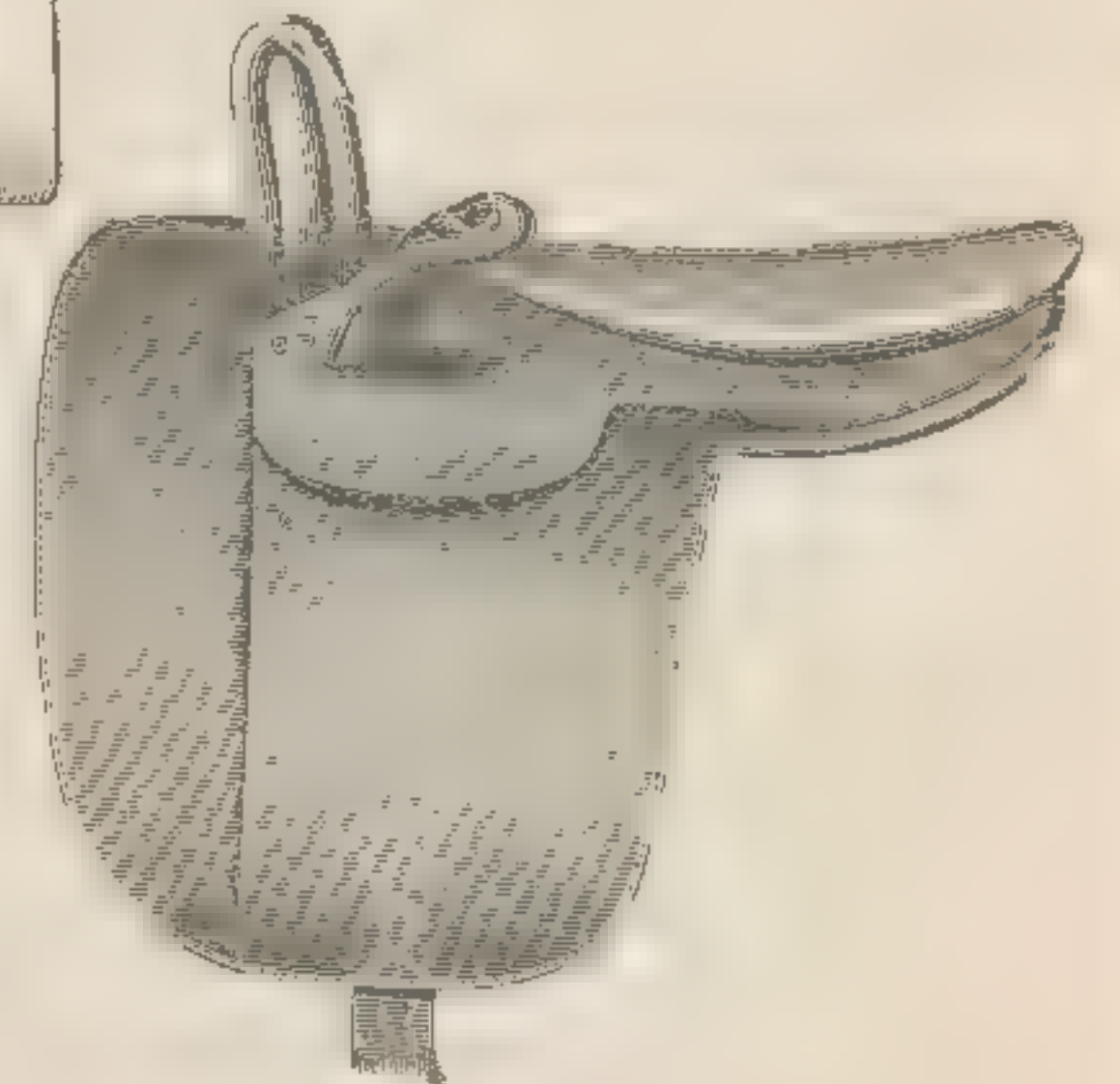
PILCH.
Basil, Bag, Leather or Hogskin.



ENGLISH PATTERN
BOLSTERED SAFE.



COLONIAL PATTERN,
QUILTED SAFE.

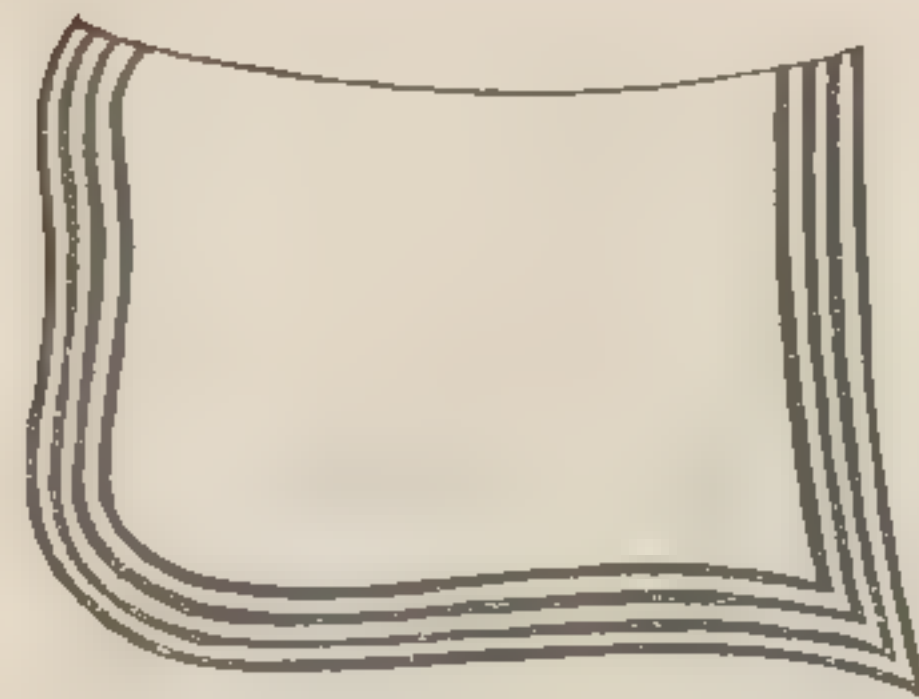


EMPRESS OF AUSTRIA.
Hunting.

Saddle Cloths and Trees.

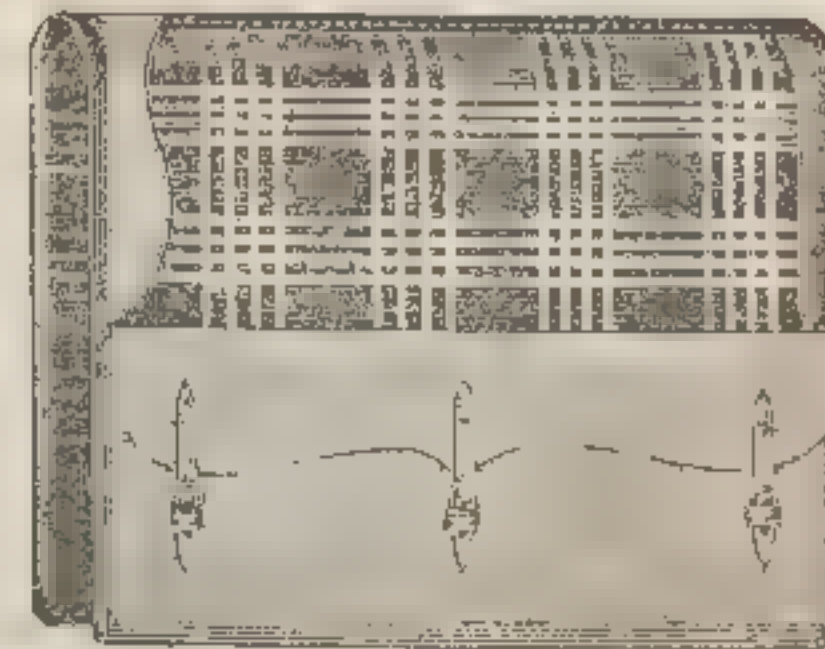


SHAPED SADDLE CLOTH.

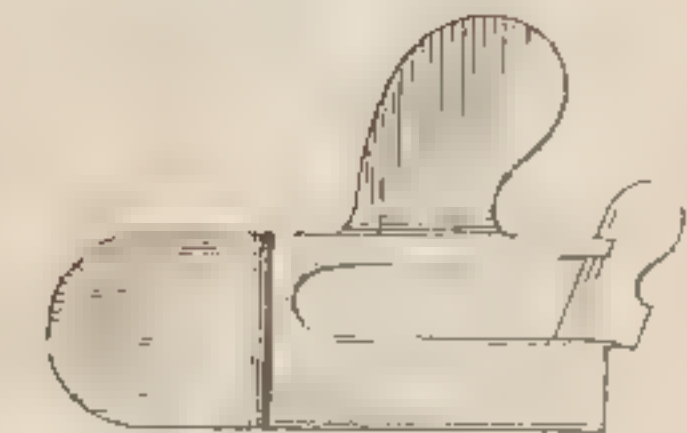


SQUARE PATTERN SADDLE CLOTH.

Felt, Check, Kersey, all Colors and Qualities, Plain or Fancy.



RACE SADDLE, FOR WEIGHTS.



FORCED SPRING BAR.

For all Saddles.



RACE SADDLE TREE.



STEEPLECHASE SADDLE TREE.



PARK SADDLE TREE.



STOCK TREE.

Saddle Trees.

DAGGER BRAND.—All Sizes.

STOCK.—Plain and Plated Bar.

PARK.—Plated Bar.

STEEPLECHASE.—Plated Bar.

RACE.—

BOYS'. Plain and Plated Bar.

SIDE.—Ladies' and Girls.

BUGGY.—3, 3½, 4, 4½ inch, Union or Plain.

GIG.—5, 5½ inch.

CAB.—6, 6½, 7 inch.

MAY'S. Stock Park, Steeplechase.

It is necessary when ordering to state how the measurement is taken—along the bar; or, from head to cantle overall.

DRAY.—Plain, Plated Trough, Demi-Scotch, Full Scotch, 12, 13, 14 inch Boards.

SPRING CART.—Plain and Plated Trough. Willmore's Patent Jap., Brass, or Nickel.

VAN.—Plain and Plated Trough.

PACK.—13, 14, 15, 16, 17, 18, 19 inch.

LEGGING SPRINGS.—9 to 17 inch.

SOAP.—Harness Miller's.

Saddle—Prope's and Spooner's.

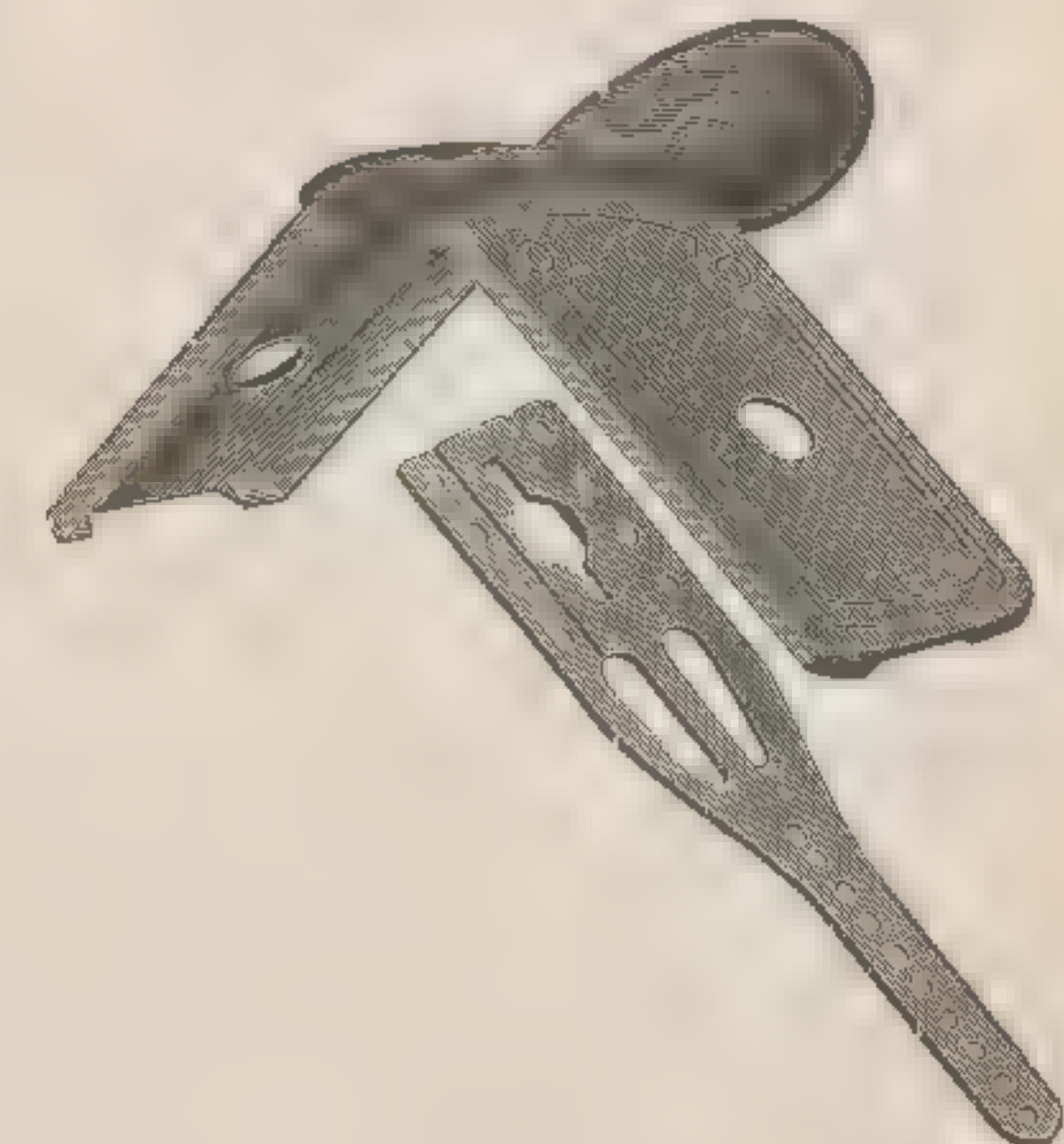
Soft Colonial, 1, 2, 7 lb. tins and bulk.

LEAPING HEADS AND SOCKETS.

SERGE.—40, 42, 44 inch.

White, Fawn, Scarlet, Claret, Blue.

16, 18, 20, 22, 24 lbs. per piece of 24 yards.

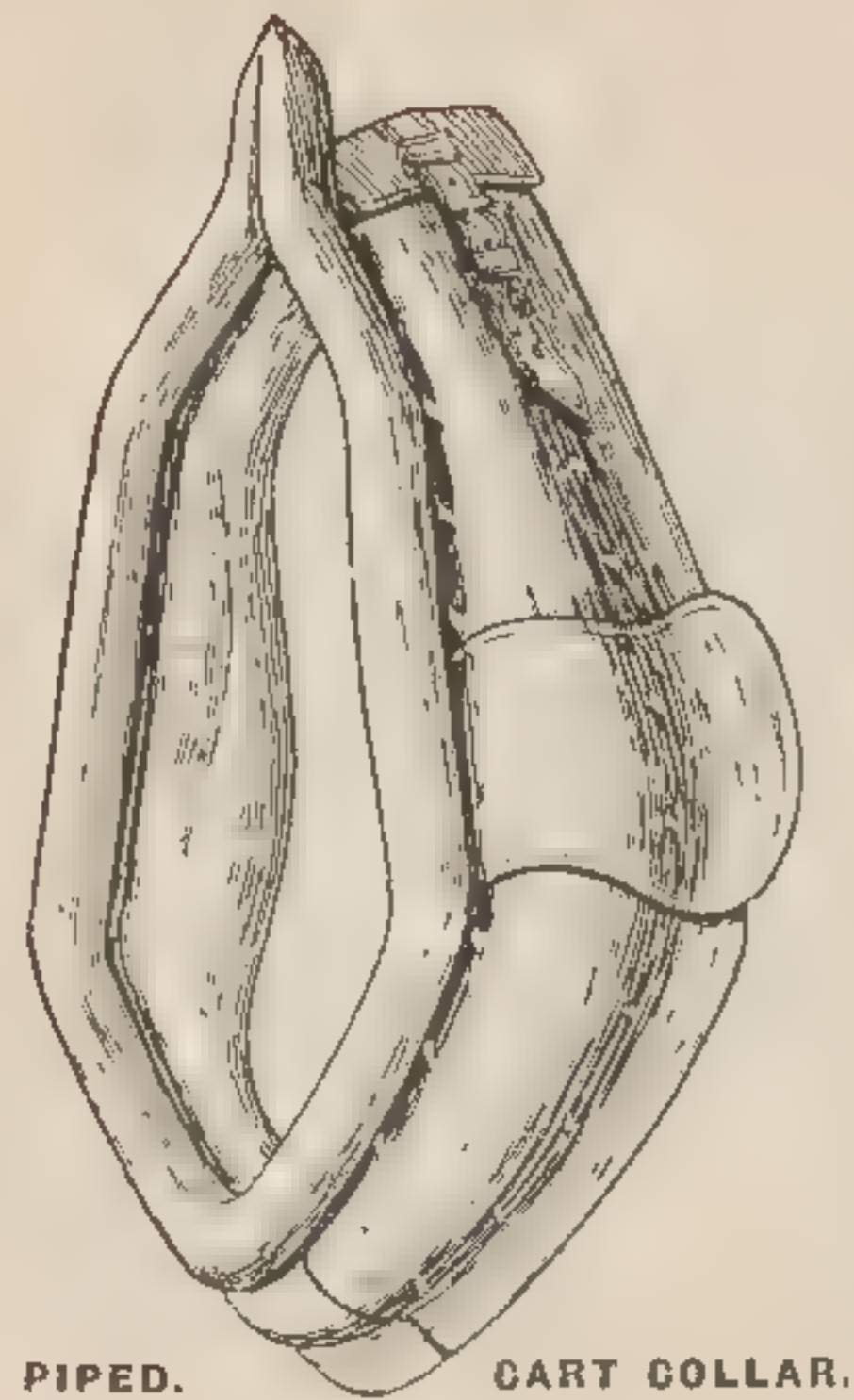


AM. BUGGY SADDLE TREE.

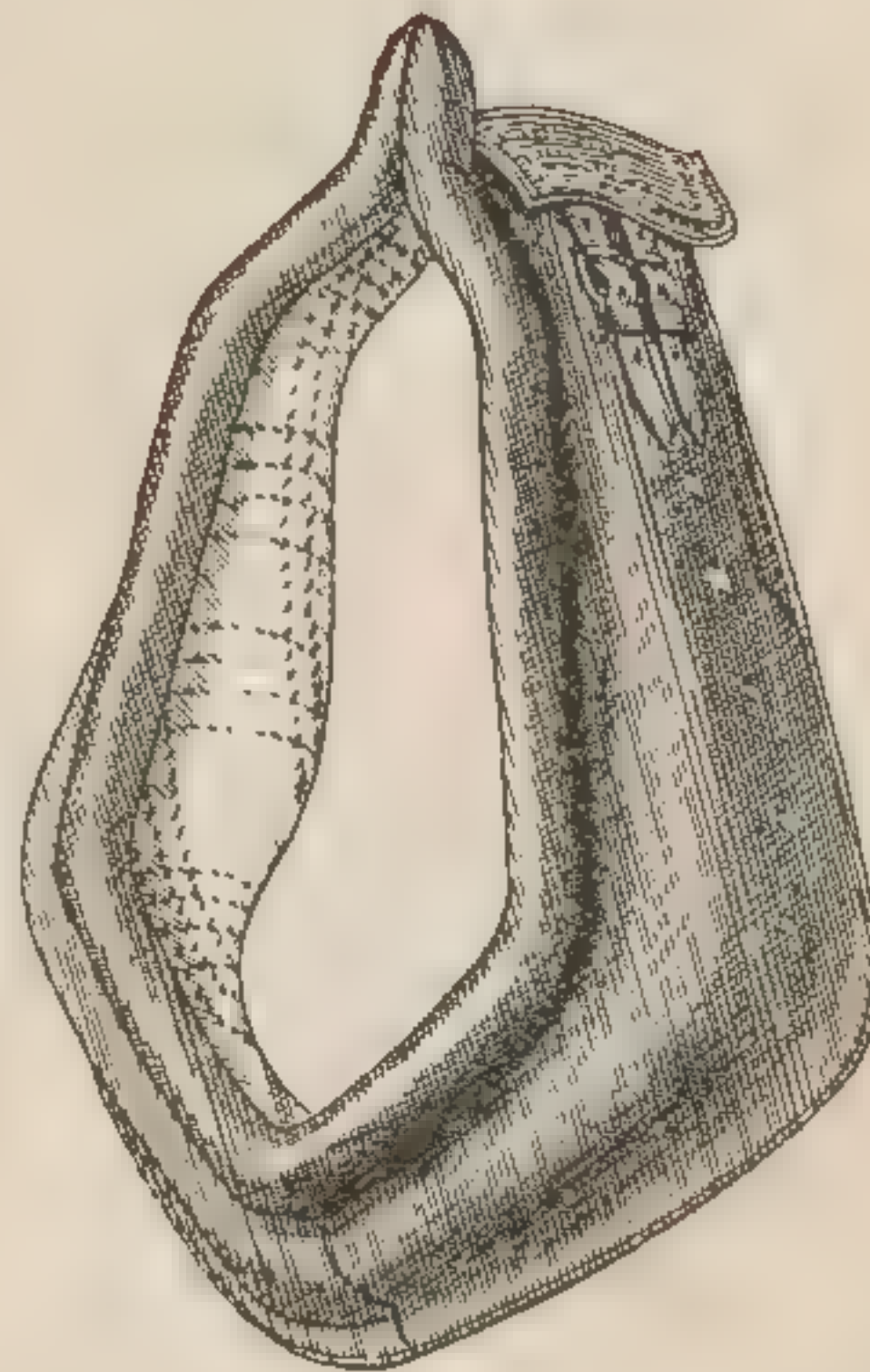
SIDE SADDLE TREE.

Ladies' or Girls.

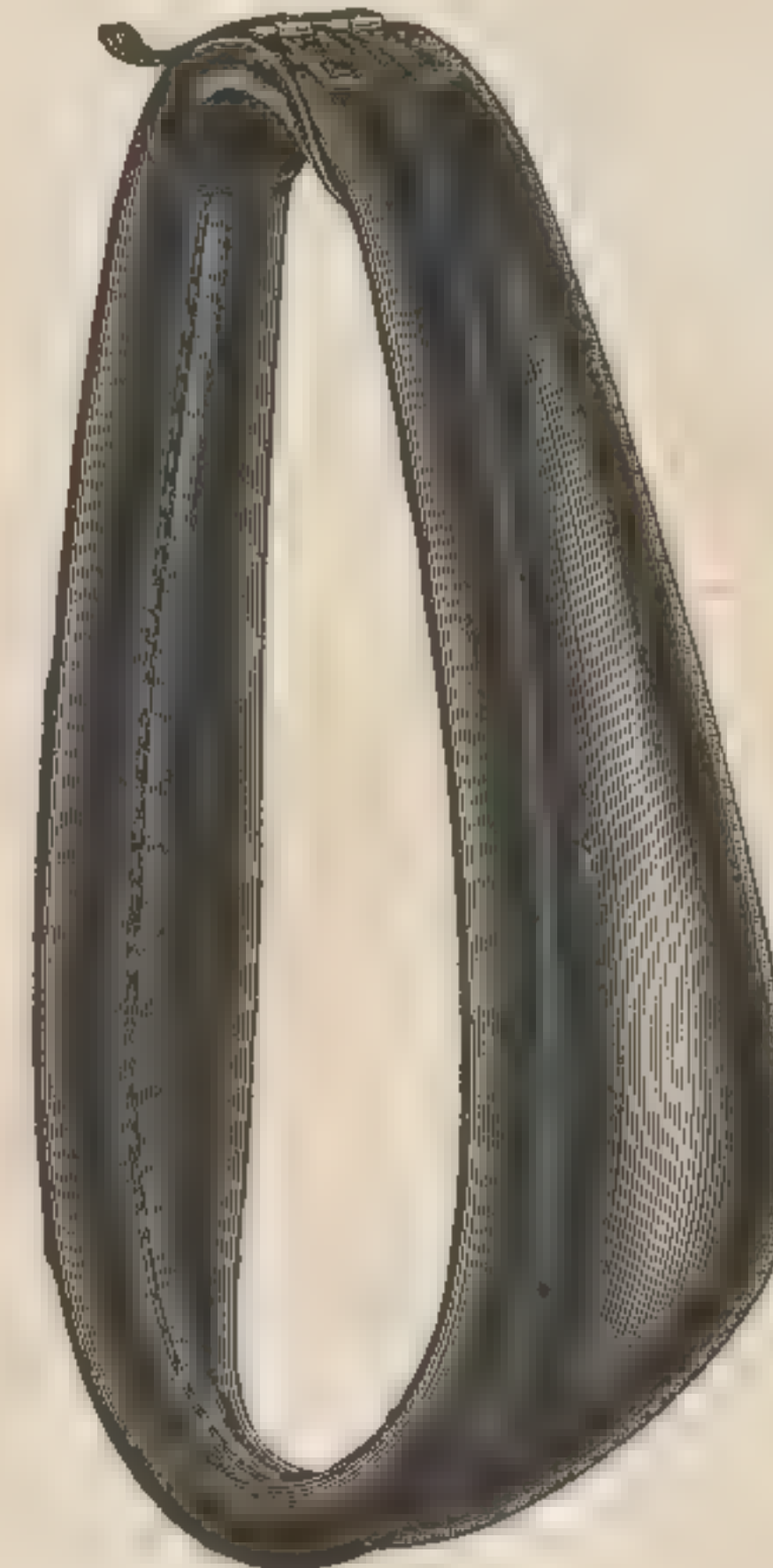
Collars.



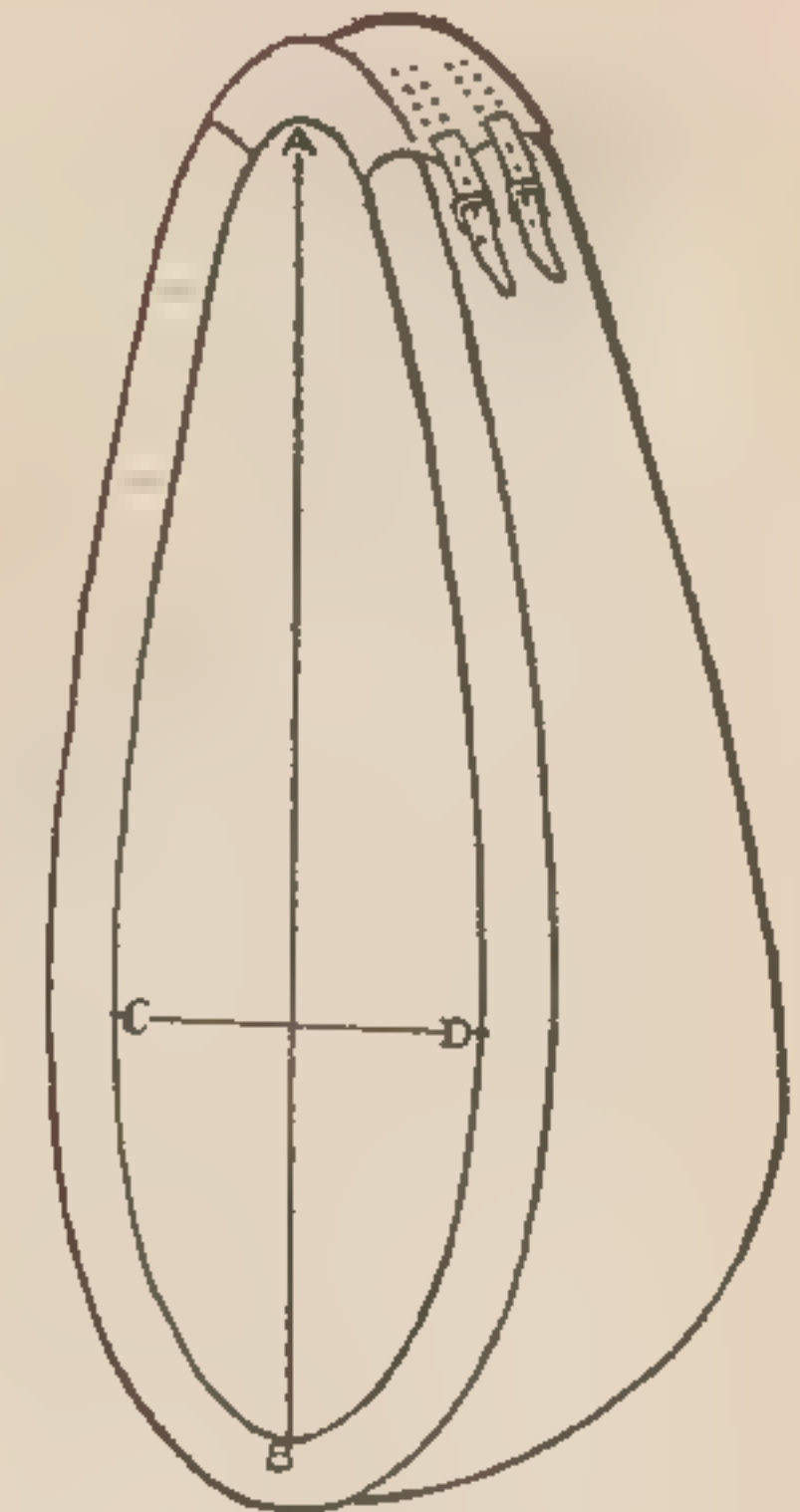
PIPED. CART COLLAR.



DEMI SCOTCH COLLAR.



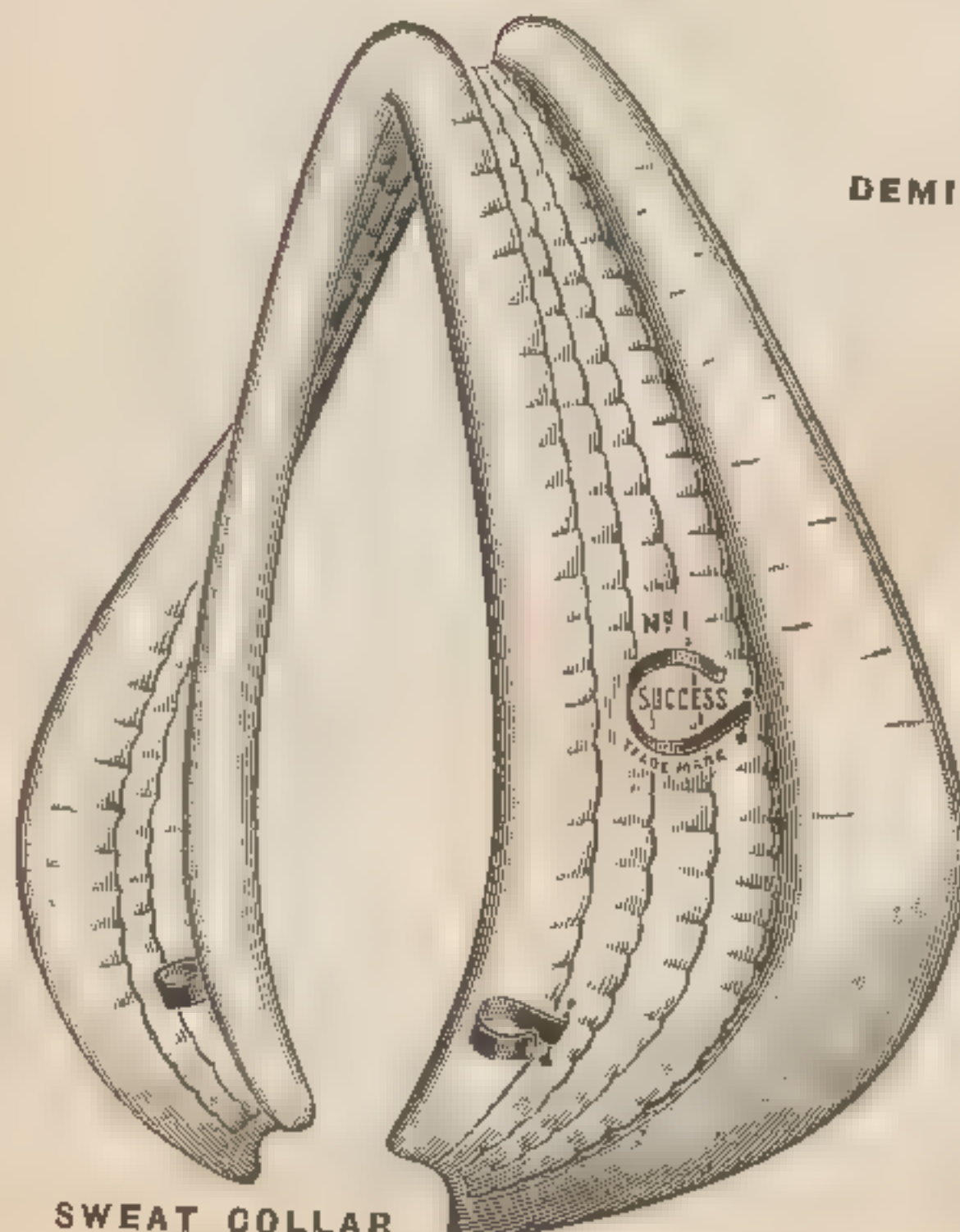
AMERICAN PATTERN BUGGY COLLAR.



DIRECTIONS FOR MEASURING A COLLAR.

Measure the length inside from A to B.
 „ „ width of Draught, C to D.

Note.—The length measure is in most cases sufficient, but in special cases the draught measurement is necessary.



SWEAT COLLAR.

ENGLISH PATENT LEATHER BUGGY. This class of Collar is also manufactured here, and any special size can be made to order. All sizes.

AMERICAN PATTERN BUGGY, Seamed, Thonged, or Spotted Side. All sizes.

ORDINARY CART, DITTO, WITH TWO STRAPS, DEMI SCOTCH, SPRING CART, SPRING VAN. Black or Brown, Basil or Check Lined. Round or Piped Throat. All sizes.

FULL SCOTCH CART, LIVERPOOL CART, AND CLOSED TOP CARRIAGE COLLARS.

Sweat Collars.

BUGGY, faced with American Cloth. All sizes.

BROWN CART.

Harness.



Breast Collar Harness.

All Harness, unless specially mentioned, is MANUFACTURED by OURSELVES upon the PREMISES, under competent Supervision; therefore, GOOD MATERIALS and FAITHFUL WORKMANSHIP are ASSURED.

We manufacture Four in Hand, Carriage, Buggy, Sulky, Tandem, Dogcart, Cab, Coach, Cape Cart, and other Harness in any style and with any description of Mountings that may be required.

All parts of any set of Harness can be supplied separately.

All Harness is made to fit Horses from 15 to 16½ hands high. Mention should be made if a smaller or larger size is required.

AMERICAN PATTERN.

With Breast Collar.

No. 2. 1½ in. Traces, 1 inch Backband, Nickel Plated Buckles, Box Loops.

No. 4.—1½ inch Traces, ¾ in. Winkers, Box Loop, Overhead Check, Nickel Plated Buckles.

No. 5.—1½ inch Traces, as No. 4, but with Imitation Rubber Buckles.

No. 6.—1½ inch Traces, Superior throughout with Genuine Rubber Buckles.

AMERICAN PATTERN.

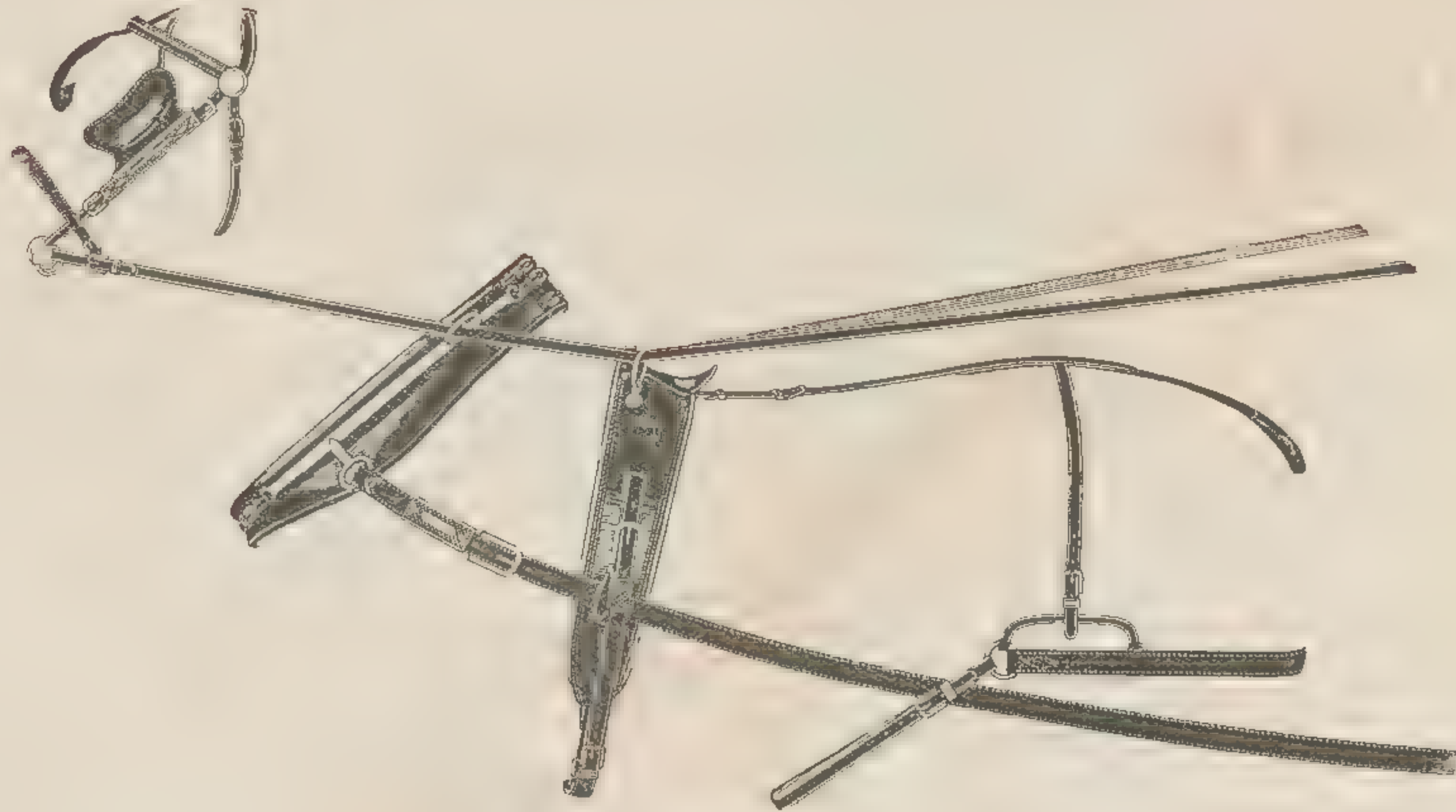
With Collar and Hames.

No. 18.—1½ inch Traces, 1 in. Backband, Nickel Plated Buckles, Box Loops.

No. 19.—1½ inch Traces, ¾ in. Winkers, Box Loops, Nickel Plated Buckles.

AMERICAN PATTERN HARNESS IN BLACK ONLY.

Harness -Continued.



Single Buggy Harness, with Collar and Hames.

English Pattern.

No. 7.—1½ inch Traces, Nickel Plated Buckles, Nickel Hames, 1½ in. Running.

Backband, ½ in. Winkers, Plain or Sensible Eyes, Plain Yankee Pattern Collar, Single Hip straps.

No. 8. 1½ inch Traces, Solid Nickel Buckles, Nickel Hames, 1½ inch Running Backband, ½ in Winkers

Plain or Sensible Eyes, Plain Yankee Pattern Collar, Single Hip straps.

For Hand-sewn Traces and Backband, No. 7 and 8 Extra.

For Folded Handparts to Reins.

Harness—Continued.



Single Buggy Harness, with Collar and Hames.

English Pattern.

No. 9.— $1\frac{1}{4}$ inch Traces, Solid Nickel Buckles, all over Nickel Loop Draught Hames, $1\frac{1}{2}$ in. Backband, $\frac{5}{8}$ in. Winkers, Split Hipstraps, Turnback Crupper. Chain Front.

No. 10.—As No. 9, but better quality.

No. 11.—As No. 10, Solid Nickel Whole Buckles and Alex. Bead Saddle

No. 12.—As No. 10, but better finished. $1\frac{3}{8}$ in. Traces. $1\frac{1}{2}$ in. Backband. Alexander Bead Saddle. Thonged side Collar.

No. 13.—As No. 12, but made of Best Picked Leather, Lined Hipstraps and Crupper. $1\frac{1}{2}$ inch Hand-sewn Traces and Backband. Folded Handparts to Reins

No. 14.—As No. 13, but made of American leather lined strappings all through.

No. 15.—As No. 14, but made of English Leather and Lined all through.

No. 16.—As No. 15. Superior finish throughout.

For Hand-sewn Traces and Backband, No. 9 to 12, Extra.

For Folded Handparts to Reins, No. 9 to 12 Extra.

All the above sets can be supplied in Black or Saffron Stained (with Nickel or Brass Mounts) except No. 7, which is Black.

Harness—Continued.



Pair Horse Buggy Harness.

- No. 22.—Colonial Leather, Japanned Mounts, Wood Hames, Simple Pads, Stitched Traces and Polestraps.
 No. 23.—As No. 22, but with Nickel Plated Mounts.
 No. 24.—As No. 22, but with Solid Nickel Mounts, Single or Stitched Traces, Wooden Hames,
 No. 24½, Better Finish, do. do.

- No. 25.—As No. 24½, but with Nickel or Wood Hames, Soft Circingle Pads. Superior Finish.
 No. 26.—As No. 25, but made of American Leather throughout.
 No. 27.—As No. 26, but with Carriage Pads, Cruppers and Trace Bearers.

Breechings for Pair Horse Harness are Extra.

Pole Straps sent with all. Black or Brown can be supplied in any grade. Nickel or Brass Mounts from No. 24.

Single Waggonette Harness.

- No. 28.—1½ in. Traces, 1½ in. Backband, ¾ in. Bridle, Solid Nickel Mounts, Machine Sewn, Split Hipstraps.

- No. 29.—As No. 28, but with Lined Strapping, and Hand sewn Traces and Backband.

Cab Harness.

- No. 31.—1½ in. Traces and Backbands, Nickel or Brass Mounts, Patent Leather London Bead Saddle, Trace Bearers, etc.

- No. 32.—As No. 31, Superior Finish.

Carriage Harness.

Made of English, American and Colonial Leather, with any description of Nickel or Brass Mounts, Finished throughout in first-class style with Carriage Pads, Roller End Traces, Trace Bearers, etc.

Pony Harness.

Pony Sizes can be supplied in all descriptions of Single or Pair Horse Harness. When ordering state height of Pony, Head and Girth Measurements, and Size of Collar.

Harness—Continued.



Spring Cart Harness.

- No. 1.—Brown Leather, Japanned Mounts, $1\frac{1}{2}$ inch Traces and Backband, Long Flap Saddle, Machine Made.
 No. 2.—Brown Leather, Brass Mounted, as No. 1.
 No. 4. Black or Brown Leather, Brass Mounted, $1\frac{1}{2}$ inch Traces and Backband, Short or Long Flap Saddle, Machine Made.

- No. 5.—Black or Brown Leather, Nickel Mounted, Machine-sewn Traces, etc., as No. 4.
 No. 6. As No. 5, but Better Finished. Brass Mounted.
 No. 7. As No. 5, but finished in a Superior Style. Solid Nickel Mounted.

CHAIN TRACES can be supplied, Covered or Uncovered. WITH HAND-SEWN TRACES AND BACKBAND EXTRA.

Spring Van Harness.

Similar to Spring Cart, but heavier throughout, with Chain Traces and 2 inch Backband, Square Saddle. Iron Hames.
 With Leather Traces Extra.

Leading Harness.

Complete, with Winkers, Backband, Strapping, Collar, Hames and Straps, Trace Chains.

Lorry Harness.

Black, Single or Pair Horse, with Leather or Chain Traces, Brass or Nickel Mounts to order.

Dray Harness.

Complete, with Collar, Hames and Straps, Reins, Winkers, Saddle, Breeching, Belly Band and Backband.

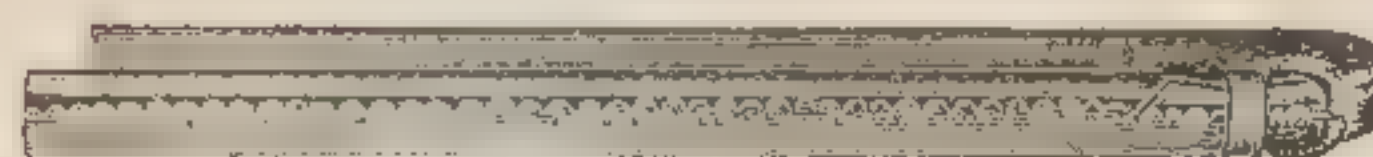
Plough Harness.

Complete, with Collar, Winkers, Hames, Band and Chains.
 EXTRA PARTS FOR ALL THE ABOVE HARNESS SUPPLIED.

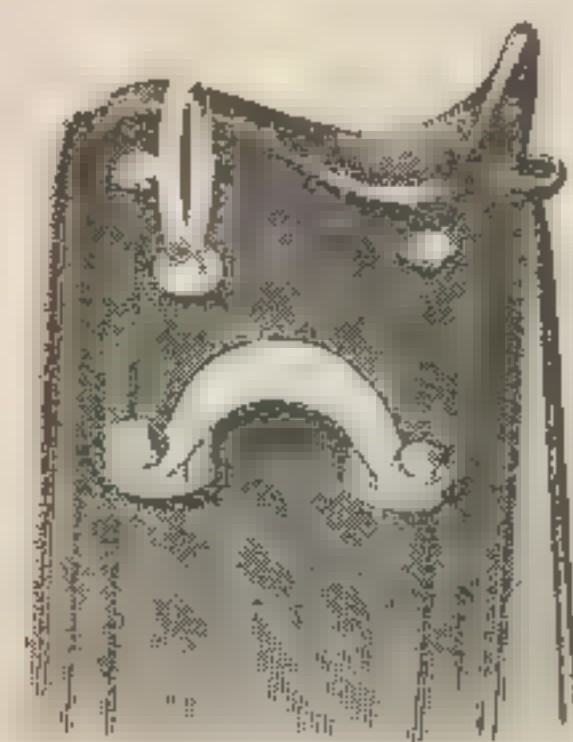
Parts of Harness.



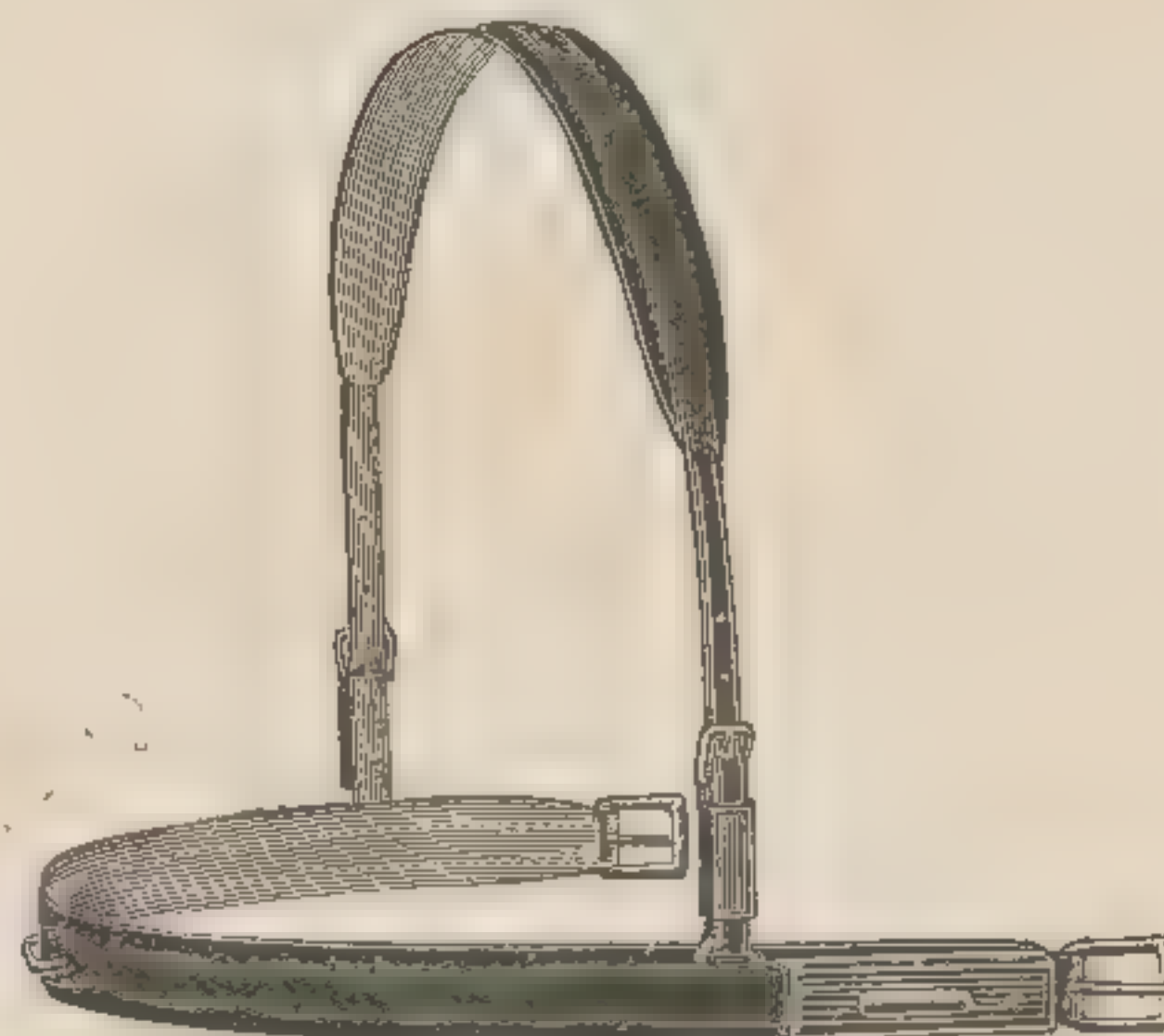
No. 1.
AM. BUGGY SADDLES.
3, 3½ inch.



FOLDED HAND PART FOR
REINS.



CAB OR LIGHT SPRING
CART SADDLE.



BREAST COLLAR.

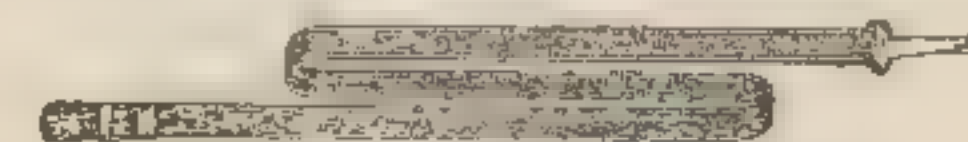


SWELLED BUGGY
SADDLE.



STRAIGHT BUGGY.
SADDLE.

With Brass or Nickel Mountings.
Brown or Black. 3½, 4, 4½, 5 inch.
Ditto, with Alexander Bead, also with
Alexander Bead and Colored Welt
Bead.



PILLAR REIN.

PONY SIZE SADDLES IN ALL QUALITIES.

Traces.

Traces are made 6 feet in the Leather for Single Harness, and 6 feet 6 inches for Pair Horse, if required longer, mention should be made when ordering. For specially long shaft Sulkies, trace extensions about 18 in. long, with hooks, can be supplied, which is the better way of lengthening the trace.

Reins.

PLOUGH—Flax, Hemp, and Cotton, with Spring Hooks.

BRIDLE—English, ⅝, ¾, 1 inch.
Colonial, ¾, 1, 1½, 1¾ inch.

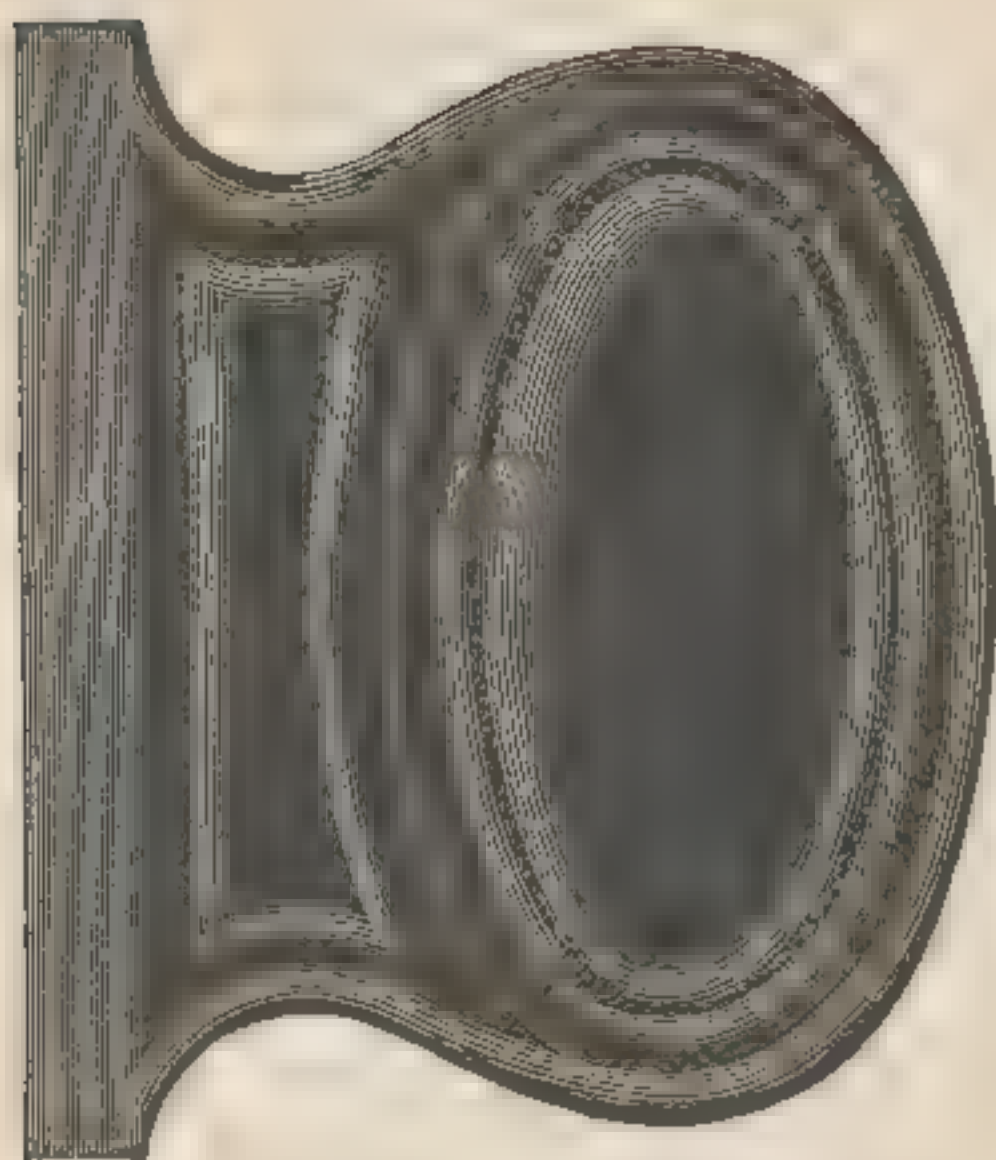
BUGGY—With Brass or Nickel Buckles. Made 13 feet long, unless specially advised.

PAIR HORSE—With Brass or Nickel Buckles. Made 15 feet long, unless specially advised.

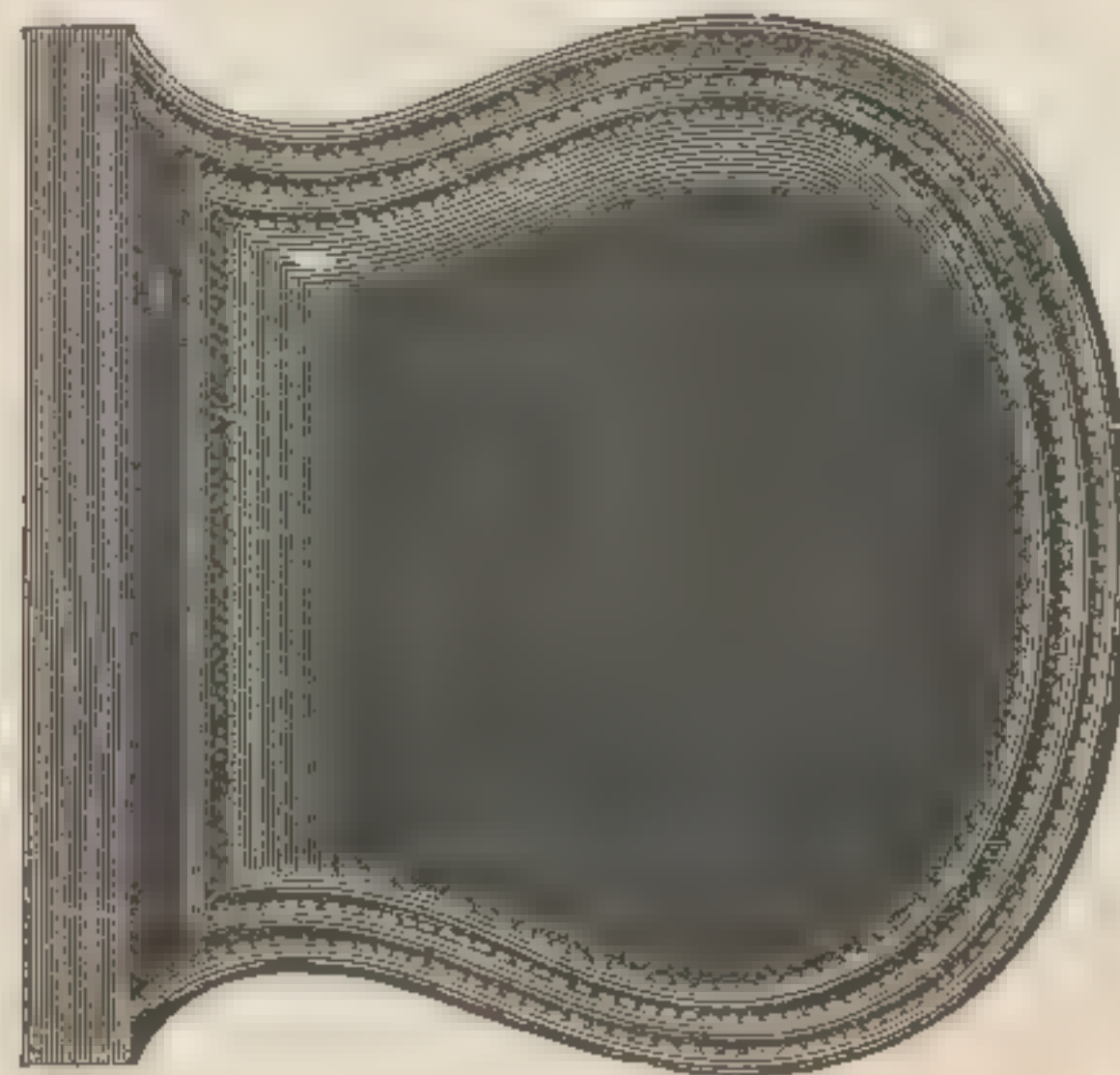
CART—With Japanned Buckles.

SPRING CART—With Japanned Brass, or Nickel Buckles.

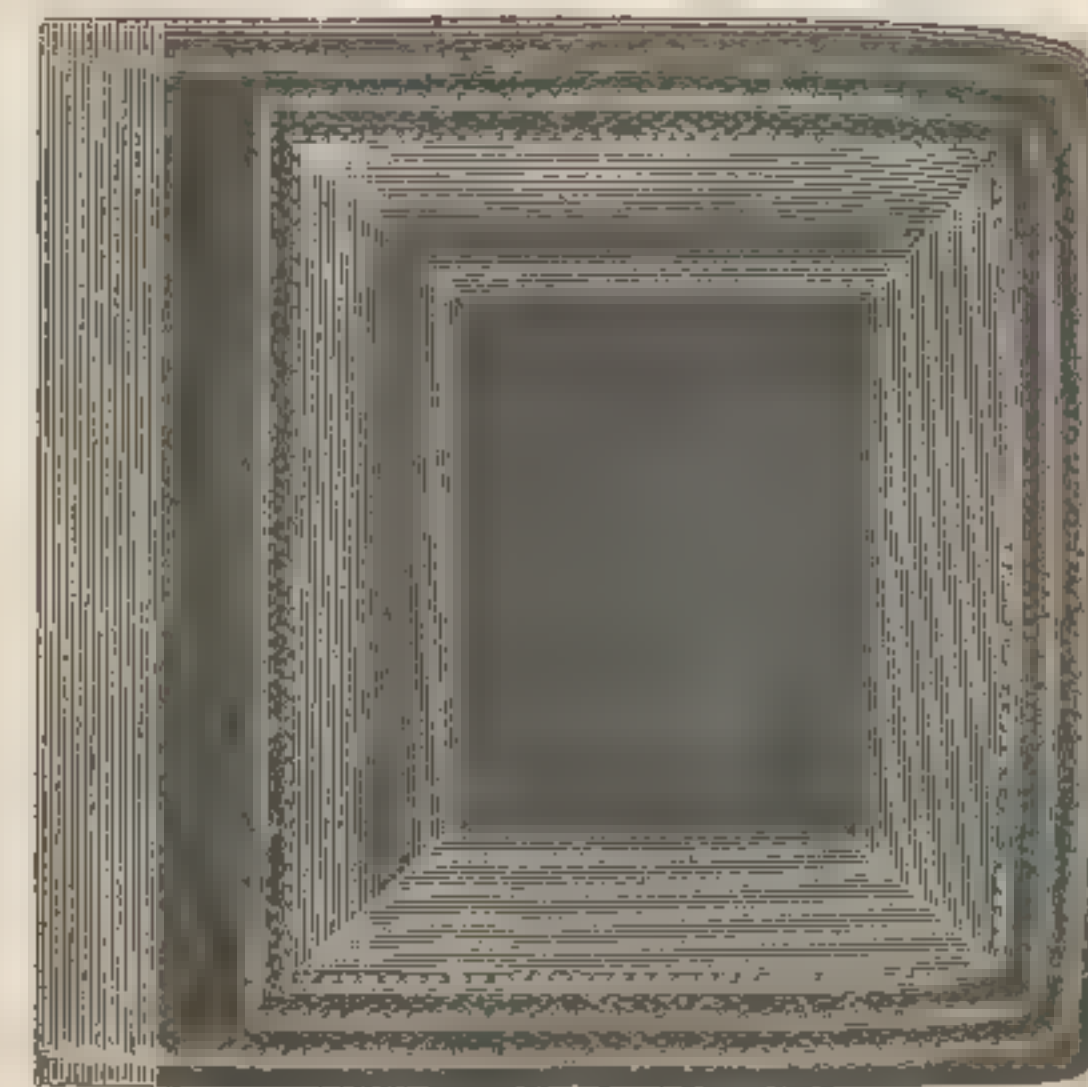
Winker Eyes and Thongs.



SENSIBLE WINKER EYE.



HATCHET WINKER EYE.



SQUARE WINKER EYE.

SIZES. PONY, BUGGY, GIG, CAB, AND SPRING CART.

THE SENSIBLE is the half-open eye.

THE DOLLY VARDEN is the one set well back, allowing the horse full sight.

WINKER PLATES.—SQUARE, CORNERED, HATCHET, SENSIBLE.

Whip Thongs.

CART. 1, 1½, 1½, 1½, 2, 2½ yards x 4 plait.

1, 1½, 1½, 1½, 2, 2½, ,, x 6 ,,

BUGGY. 1½, 1½, 1½, 2 yards x 4 plait.

1½, 1½, 1½, 2 ,, x 6 ,,

FOUR-HORSE. 11 feet x 6 plait, 11 feet x 8 plait.

SIX-HORSE. 16 feet x 8 plait.

HUNTING. 5 x 6, 6 x 6, 7 x 6, 5 x 8, 6 x 8, 7 feet x 8 plait.

ORDINARY STOCK THONGS. with falls—

6 x 6, 7 x 8, 8 x 8, 8 x 10, 9 x 10, 10 x 10, 10 x 12, 11 x 12, 12 ft.

x 12 pt.

EXTRA FINE STOCK THONGS. Snake Shape, Double Keepers,

TURKS' HEADS—6 x 10, 6 x 12, 7 x 8, 7 x 10, 7 x 12, 8 x 10, 8 x 12,
8 x 16, 9 x 10, 9 x 12, 9 feet x 16 plait.

ORDINARY SNAKE STOCK. Single Keepers—

7 x 8, 8 x 8, 8 x 10, 9 x 10, 9 feet x 12 plait.

ALL CAN BE HAD IN KANGAROO OR GREENHIDE, EXCEPT BUGGY,
WHICH WE STOCK IN KANGAROO ONLY.

WHIPCORD. 1 lb. packets, white or assorted colors, 6, 8, 10, 12, 16, 18
dozen knots to the lb.

SILK, 2 oz. Bundles, ½ lb. Packets. Assorted Colors. 6 to 18, 16 to 24.

ANY SPECIAL THONG CAN BE MADE TO ORDER.

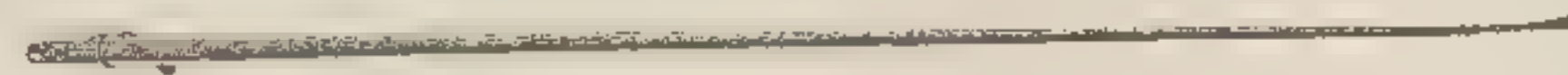
Whips.



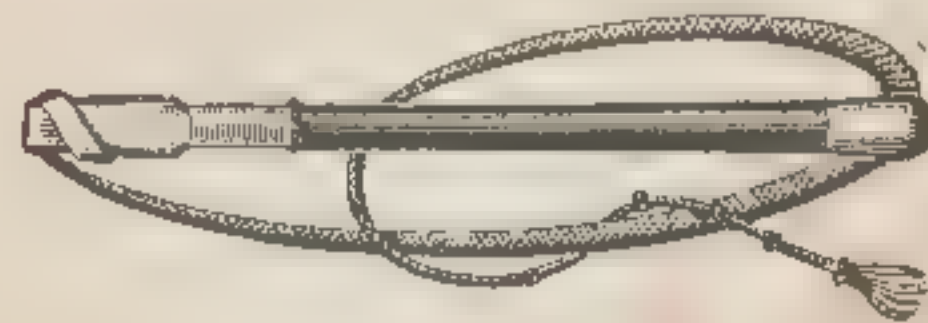
WAGGONER'S WHIP. 6, 7, 8 feet.
FOUR HORSE CROPS. Steel Lined, Gut and Bone, Malacca.



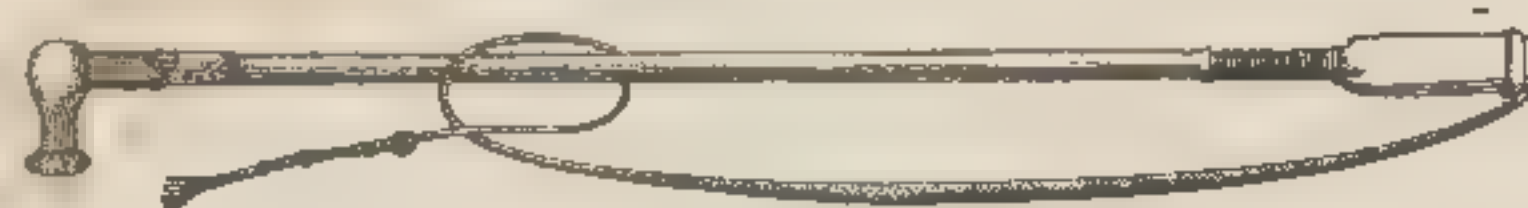
LADIES' TWIG.
Cane and Thread, Gut and Bone.



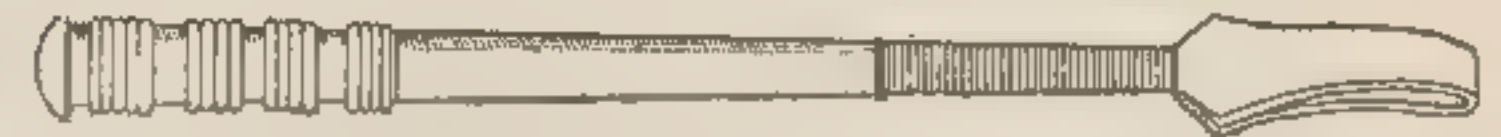
GENT'S, JOCKEY, OR CUTTING WHIP.
Cane and Thread Steel Lined, Gut and Bone, Greenhide and Kangaroo Covered.



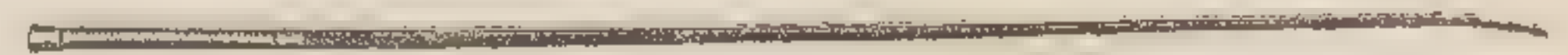
DOG WHIP.



HUNTING CROP.
Malacca, Rattan.



STOCK HANDLE.
Myall and other Woods, Loaded and Unloaded.
Gut and Bone, Steel Lined.



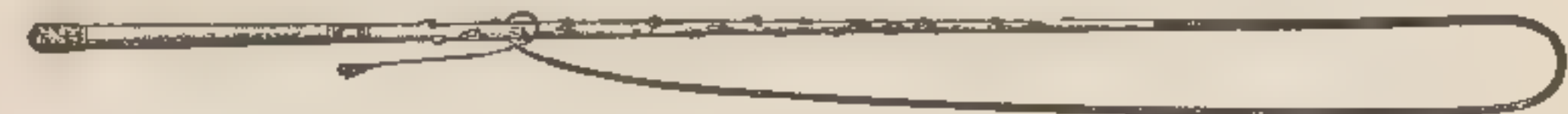
STRAIGHT TOP BUGGY WHIP.
Gut and Bone, Cane and Thread, Steel Lined.
American Ditto, 5 feet 6 inch, 6 feet. American Trotting, 4 ft. 6 in.



FRENCH TOP BUGGY WHIP.
Gut and Bone, Cane and Thread, Steel Lined.



SLING THONG BUGGY WHIP.
Gut and Bone, Cane and Thread, Steel Lined.



HOLLY OR YEW CARRIAGE WHIP.

CART CROPS, 30, 36, 42, 48 inch. Cane and Thread, Steel Lined.
TANDEM. Quilled Top Holly, Gut and Bone, Steel Lined.
HOLLY BUGGY WHIPS,
DEALERS. With Horn Ends, Gut and Bone, Steel Lined.
GREEN HIDE FLOGGERS.

PLAIN HICKORY CROPS, 30, 36, 42, 48, 54, 60, 72 inch.
TWISTED WILLOW CROPS, 30, 36, 42, 48 inch.
TWISTED STEEL LINED WILLOW CROPS, 36, 42, 48 inch.
STOCK CROPS,
REAPER AND BINDER WHIPS (12 feet).

A LARGE VARIETY OF ENGLISH AND AMERICAN WHIPS BY THE BEST MAKERS, IN ALL QUALITIES.

COACH HARDWARE.

Axles.



ENGLISH NUT END AXLES.

Round Bed. $1\frac{1}{2}$, $1\frac{5}{8}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$ in.



GILPIN'S AUSTRALIAN AXLE ARM, WITH CARRON BOXES.

2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3, $3\frac{1}{4}$, $3\frac{1}{2}$ inch.

Approximate Weight.

				ewt.	qrs.	lbs.		
2 inch	...	...	...	0	3	0	per pair of Arms.	
$2\frac{1}{4}$	"	...	...	0	3	26	"	"
$2\frac{1}{2}$	"	...	...	1	0	7	"	"
$2\frac{3}{4}$	"	...	...	1	1	0	"	"
3	"	...	...	1	2	14	"	"
$3\frac{1}{4}$	"	...	...	1	3	21	"	"
$3\frac{1}{2}$	"	...	...	2	0	21	"	"



HALF PATENT, SQUARE BED DOUBLE COLLAR AXLE ARM.

$\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{5}{8}$, $1\frac{3}{4}$ inch.

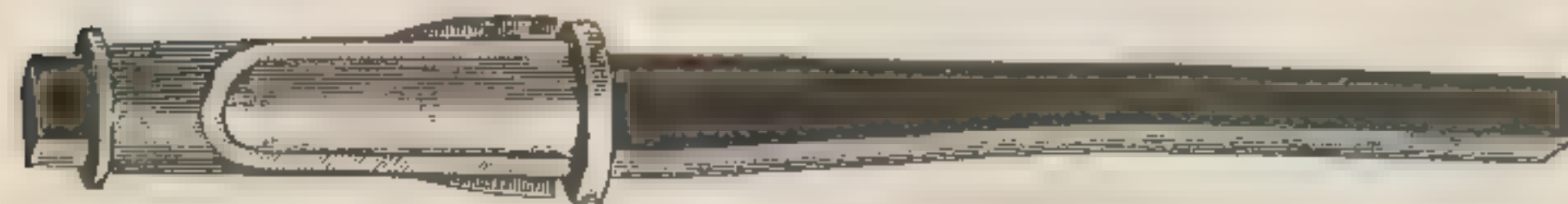
Ditto, with Round Bed.



HALF PATENT COLLINGE'S COLLAR, SQUARE BED AXLE ARM.

$1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$ inch.

Ditto, with Round Bed.



COMMON NUT, SQUARE BED, AXLE ARM.

$1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{5}{8}$, 2, $2\frac{1}{4}$ inch.

Ditto, with Round Bed.



RICHARD'S LONG DISTANCE AXLES. Double and Single Nut.

Round and Square Bed, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ inch.



PATENT MAIL AXLE ARM, BRASS CAP, ROUND BED.

$1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{5}{8}$, $1\frac{3}{4}$, 2 inches.



COLLINGE'S PATENT ROUND BED AXLE ARM.

1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$ inch.

Ditto, with Square Bed, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ inch.

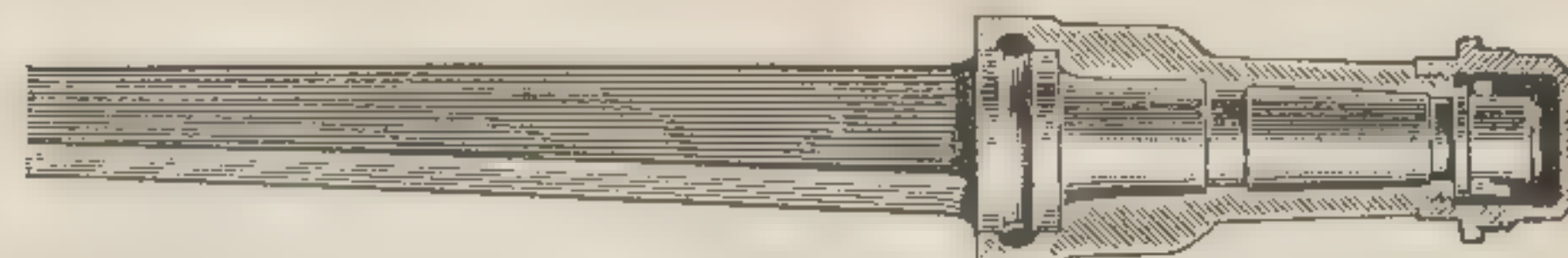


CONCORD EXPRESS ROUND BED AXLE ARM. Case Hardened.

$1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, 2 inch.

Ditto, with Square Bed.

Also with Pin Outside Nuts.



DRABBLE AXLE ARM, LONG FLAT BED, BRASS CAP.

$1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{3}{4}$ inch.

MATHER'S THOUSAND MILE AXLES.

Springs and Scrolls.



BRIGHT CONCORD SPRING.
1½, 1½, 2 inch. 4, 5, 6, 7, 8 Plate. 48 to 56 inches Long.



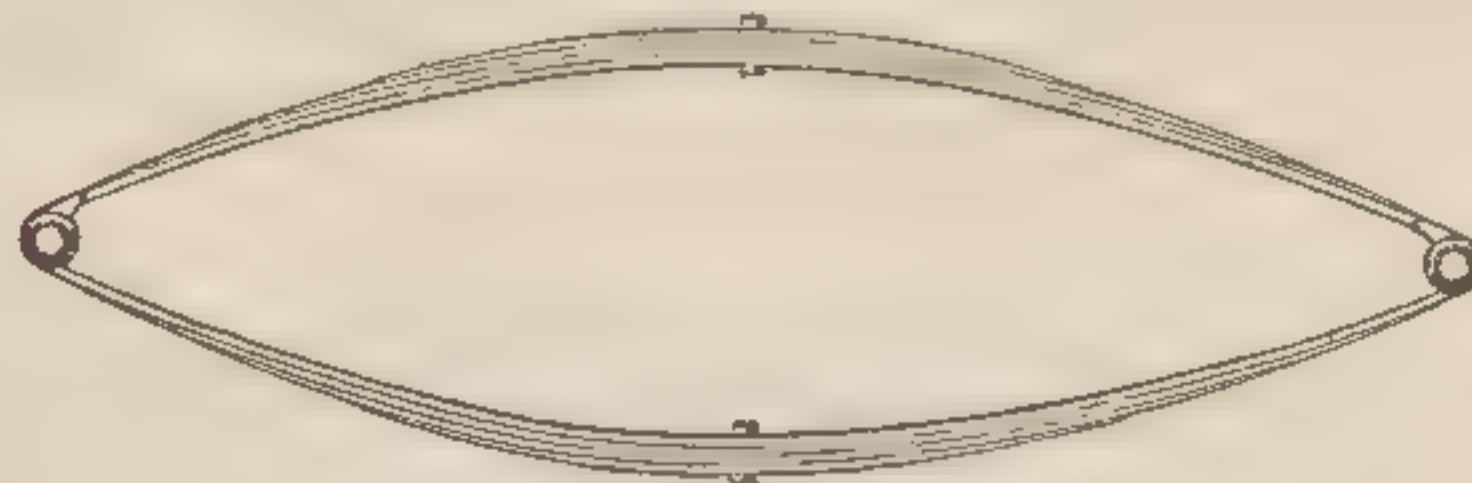
LORRY SPRING.
2, 2½, 2½ inch. 6, 7, 8, 9, 10 Plates. 36 to 42 inches Long.



BLACK GRASSHOPPER CART SPRING.
2, 2½, 2½ x ½, 5-16. ⅜ inch x 5, 6, 7, 8, 9, 10 Plate x 43 to 56 inches Long.



BLACK CENTRE SPRING.
2, 2½ inch. 5, 6, 7 Plates. 36 to 42 inches Long.



BLACK ELLIPTIC SPRING.
1½, 2, 2½ in. x 4, 5, 6, 7, 8 Plate x 34 to 40 inches Long.



Front.



Back.

SHOE SCROLLS.



SINGLE SWEEP SULKY SPRING.
1½, 1½ in. x 4, 5 Plate x 42 to 46 inches Long. In Sets Complete.

BRIGHT BACK SPRINGS.
1½, 1½, 1½ in. x 3, 4, 5 Plate x 34 to 42 inches Long.



DOUBLE SWEEP DITTO; also, BLACK BACKSPRINGS.
1½, 1½, 1½, 2, 2½ in. x 3, 4, 5, 6, 7 Plate x 34 to 44 inches Long.

Note.—When ordering Springs state length required from centre of eye to centre of eye, width, and number of leaves. All Springs have 5-16 inch main leaf, and ½ inch remaining leaves, unless specially ordered. In Black or Bright.



Front.



Back.

BRANCH SCROLLS.



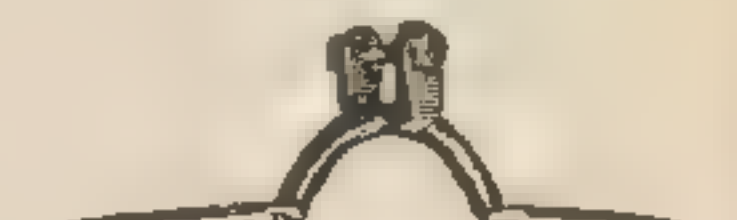
DUMB JACK SCROLLS.

Front.

Back.



ORDINARY SWAN-NECK SCROLLS.



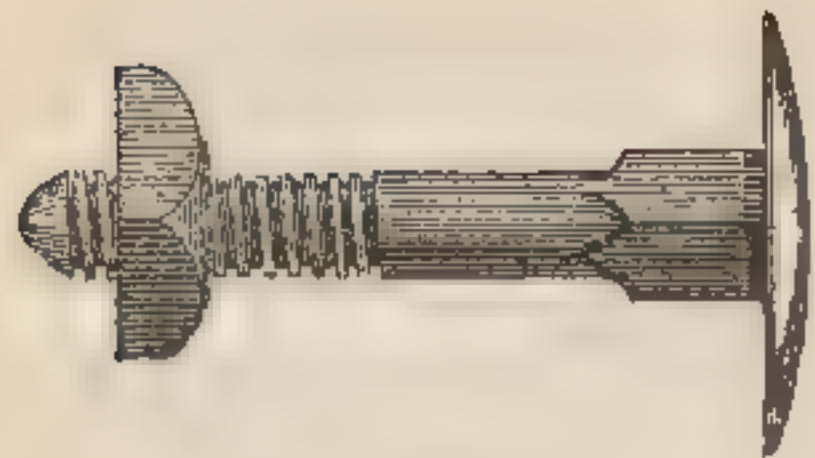
Front.



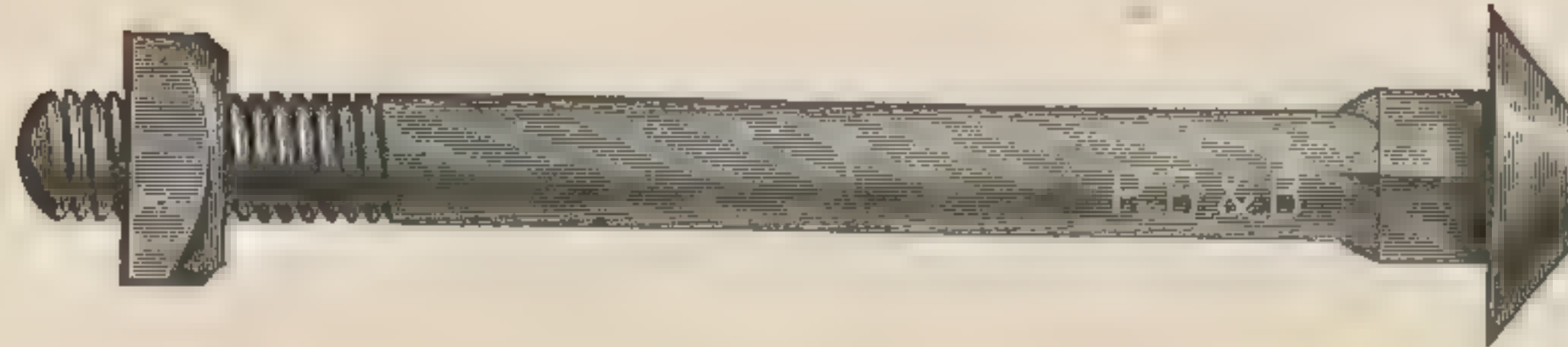
BRIDGE SCROLLS.

SCROLLS IN SETS, Front and Back, or Pairs only. 1½, 1½, 1½, 2, 2½, 2½ inch.

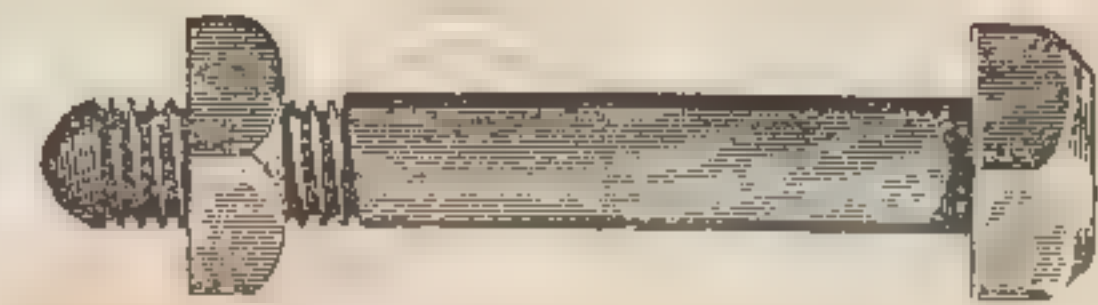
Bolts and Clips.



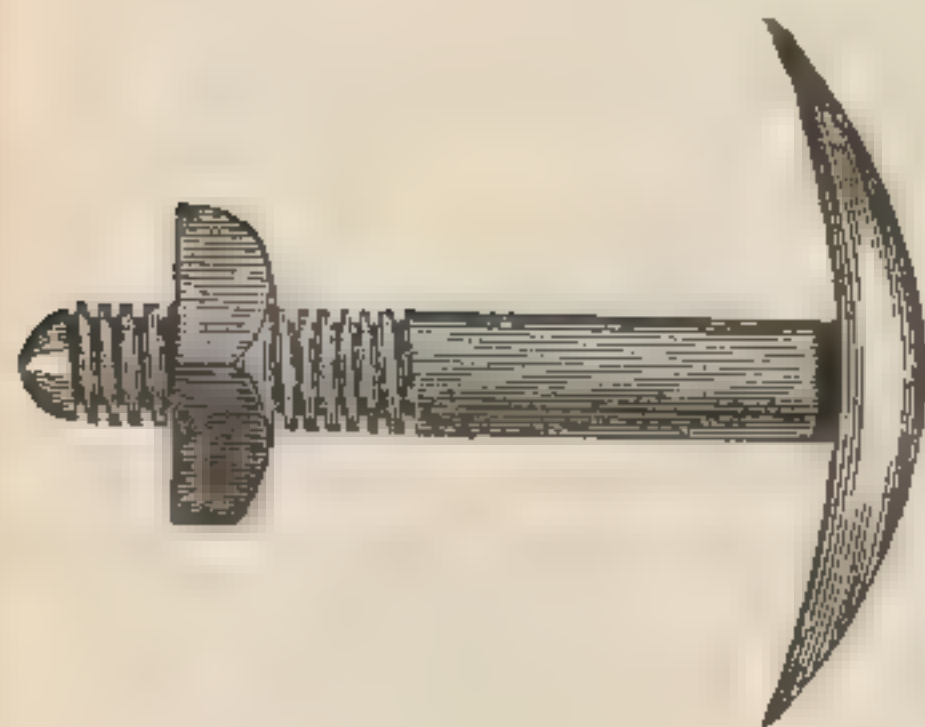
STEP BOLT.
 $\frac{1}{4}$ x 1 to 2 inch.
 5-16 x 2 to 3 inch.



BEST BRIGHT BEVEL HEAD CARRIAGE BOLT.
 $\frac{1}{4}$ x 1 to 4 inch. 5-16 x $1\frac{1}{2}$ to 7 inch. $\frac{3}{8}$ x $1\frac{1}{2}$ to 7 inch.



SHACKLE BOLT.
 $\frac{3}{8}$ and 7-16 x $2\frac{1}{2}$ to 3 inch.



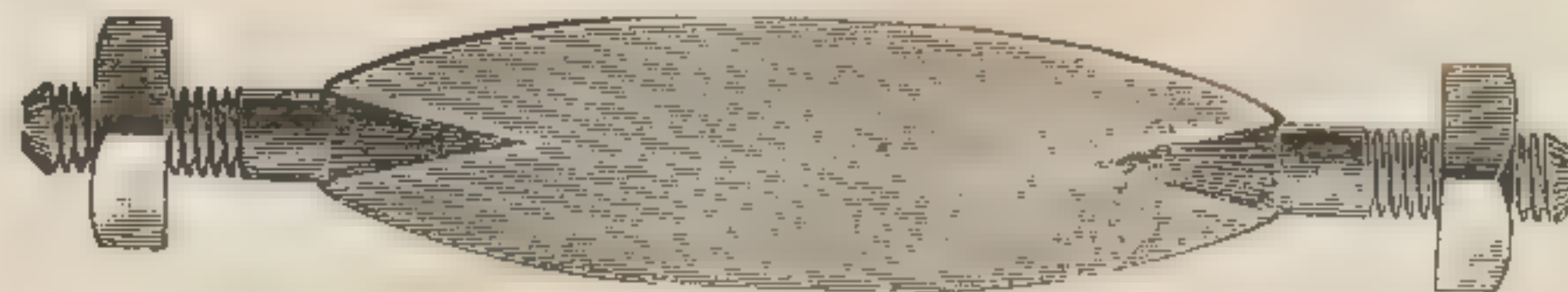
TEE BOLT.
 $\frac{1}{4}$ x $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch.
 5-16 x 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ inch.
 $\frac{3}{8}$ x 3, $3\frac{1}{2}$, 4 inch.



TIRE BOLT. Best Quality.
 3-16 x $1\frac{1}{2}$ to $2\frac{1}{2}$ inch.
 $\frac{1}{4}$ x 2 to 3 inch.
 5-16 x $2\frac{1}{2}$ to 4 inch.



KING BOLT.
 $\frac{1}{2}$, 9-16, $\frac{5}{8}$ inch.



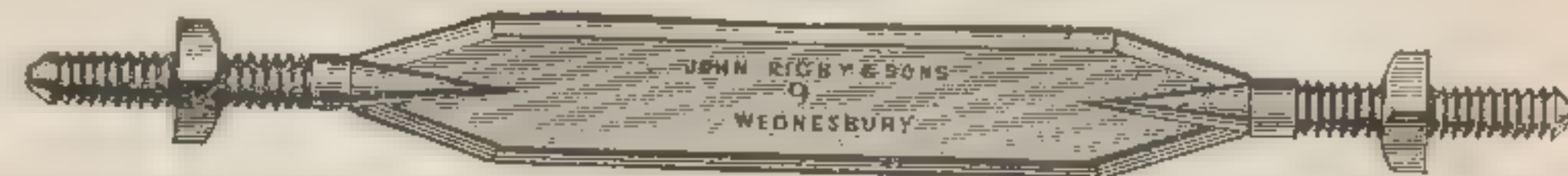
AMERICAN AXLE CLIP.
 Width, $1\frac{1}{2}$ in. Shanks, $1\frac{1}{2}$ x $\frac{3}{8}$ in.
 All Lengths.



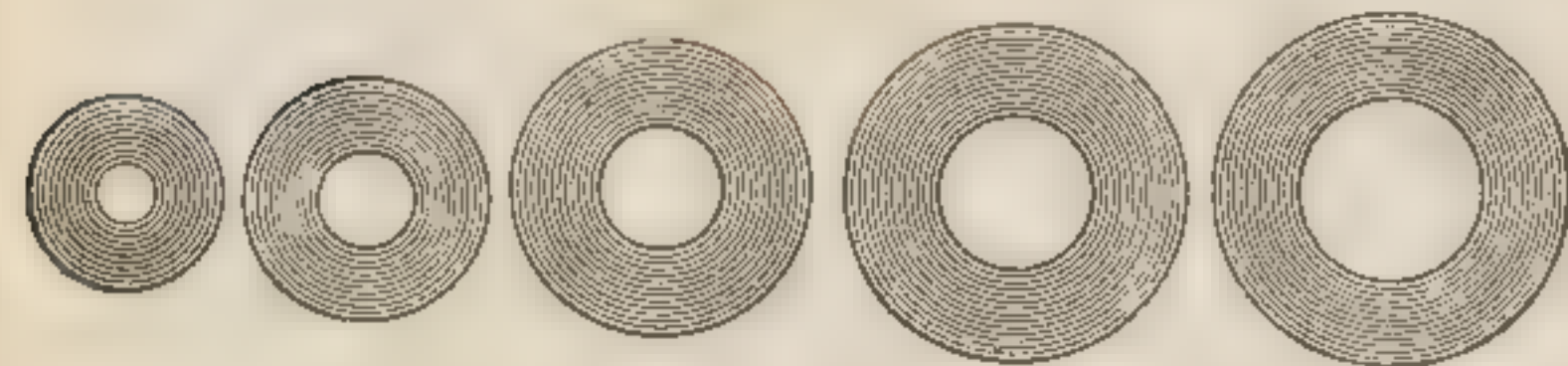
SMITH'S POINT CENTRE AXLE CLIP.
 No. 286. Nos. 1 to 6.



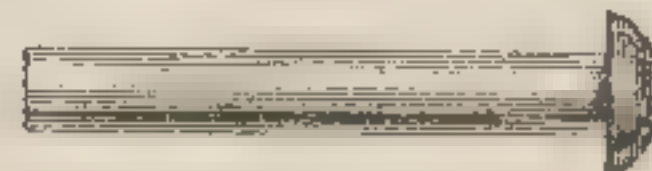
AMERICAN AXLE CLIP.
 Width, $\frac{7}{8}$ in. Shanks, $1\frac{1}{2}$ x 5-16 in. All Lengths.



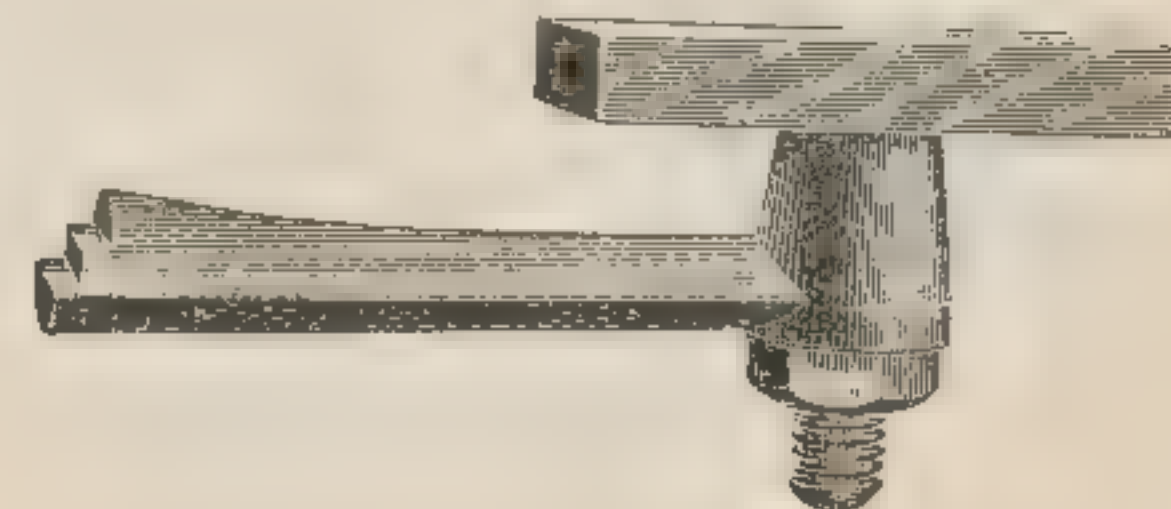
RIGBY'S AXLE CLIP. Nos. 1 to 8.



THIN STEEL WASHERS, in 1 lb. Boxes.
 3-16, $\frac{1}{4}$, 5-16, $\frac{3}{8}$, 7-16 inch.

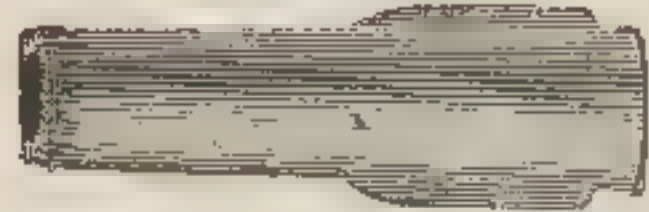


FELLOE RIVET.
 3-16 x $1\frac{1}{2}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$ inch
 $\frac{1}{4}$ x 2, $2\frac{1}{4}$, $2\frac{1}{2}$ inch.
 5-16 x 2, $2\frac{1}{4}$, $2\frac{1}{2}$ inch.



KING BOLT YOKE AND TIE.
 For $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{2}$ in. Axles.

Axle Boxes, Jacks, Etc.



COMMON NUT AXLE BOX.



CARRON AXLE BOX.



MAIL BOX AND CAP.



WROUGHT EQUALIZER. Acorn End.
 $\frac{1}{2}$, $\frac{9}{16}$ and $\frac{5}{8}$ Shanks; $1\frac{1}{2}$, $1\frac{3}{4}$ inch Spring.



No. 1.
TRACE HOOK.



TRAVELLING IRONS FOR SHAFTS.



BLACK BRAKE SPRING WITH HOOK.



POLE SPRING.



No. 2.
TRACE HOOK.



BARREL HOOK.



TUG HOOK.



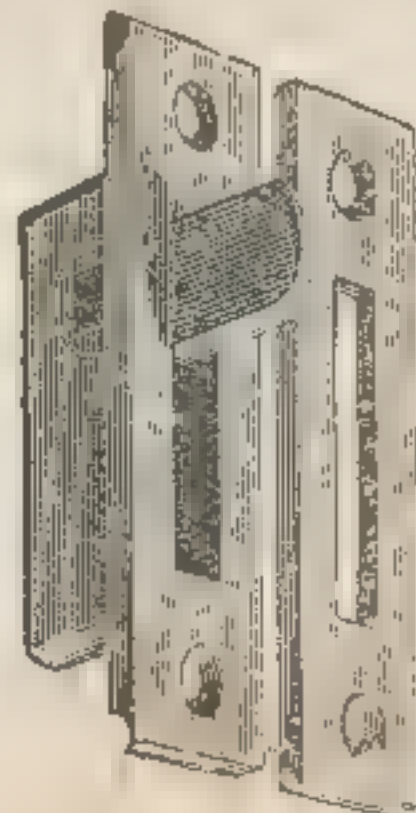
HALF PATENT AXLE BOX.



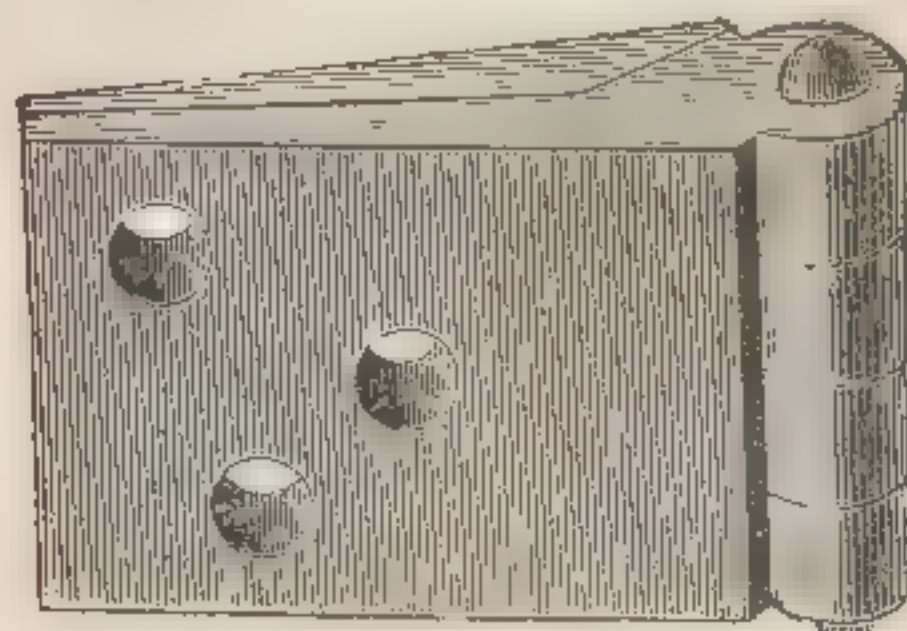
DOOR HANDLE AND LOCK
FOR BAKER'S CART.



BUDGET LOCK. Sizes, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ inch.



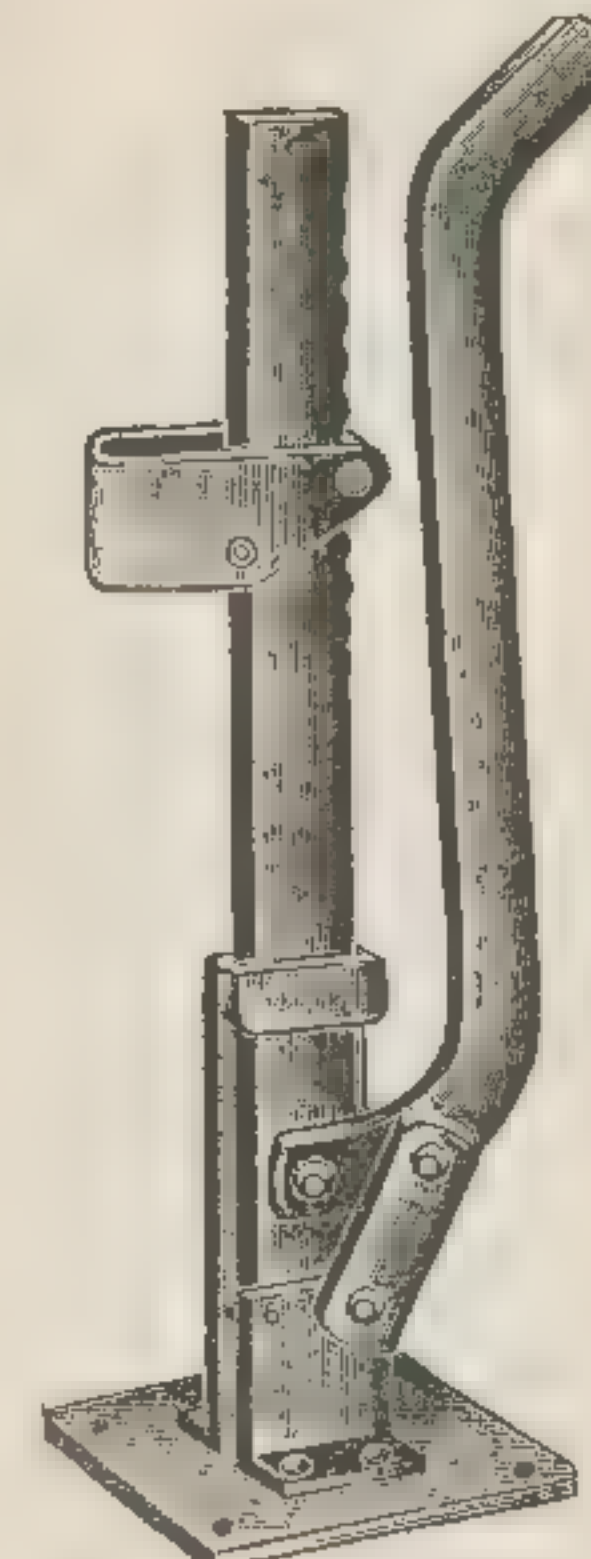
BOOT KEY.



BRASS COACH HINGE.
 $1\frac{1}{4}$ x $1\frac{1}{2}$ to $1\frac{1}{2}$ x $2\frac{1}{2}$ inch.
Can be supplied Nickel-plated.

CONCORD SIDE SPRING SHACKLE, WITH EQUALIZER.

H	J	C	D
$1\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$ inch Spring.
$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{5}{8}$ inch Bolster.
$1\frac{3}{4}$	$1\frac{3}{4}$	1	$1\frac{1}{8}$ inch Perch.
$1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{3}{4}$ inch between Perch and Spring.
$2\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{1}{4}$ inch from Bolster to centre of Shackle Bolt
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$ inch Equalizer.
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$ inch Spring Eye.



VICTOR
BUGGY JACKS.
No. 1 and No. 2.

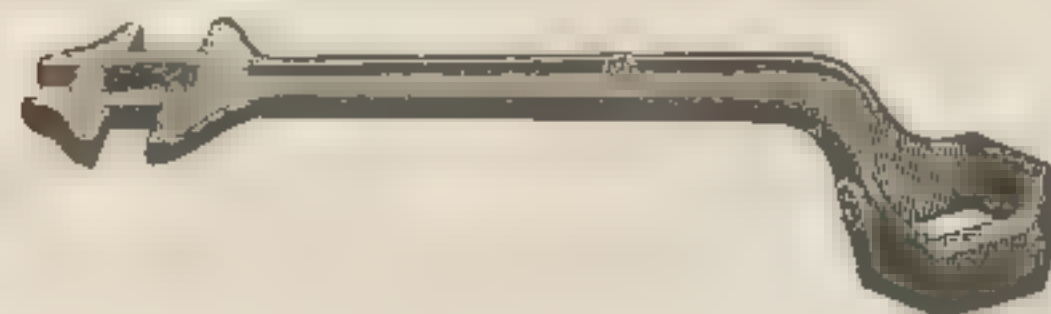


LANE'S CARRIAGE OR
COACH JACK.
No. 1 will lift 900 lbs.
" 2 " 1,800 "
" 3 " 4,000 "
The Best and Strongest.

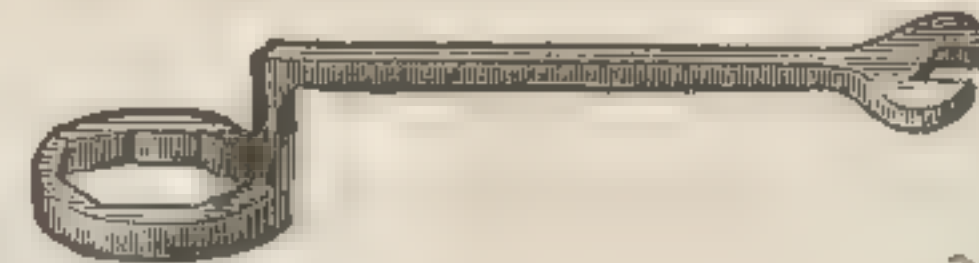
Wrenches, Clips, and Anti-Rattlers.



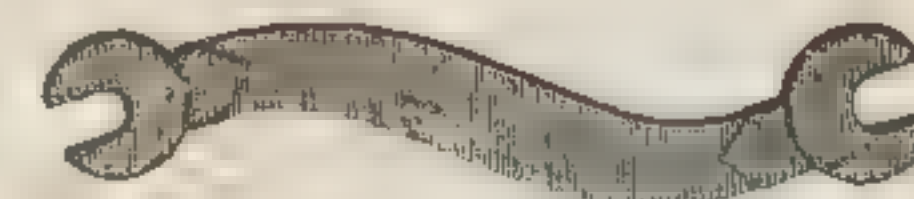
No. 1. WRENCH.



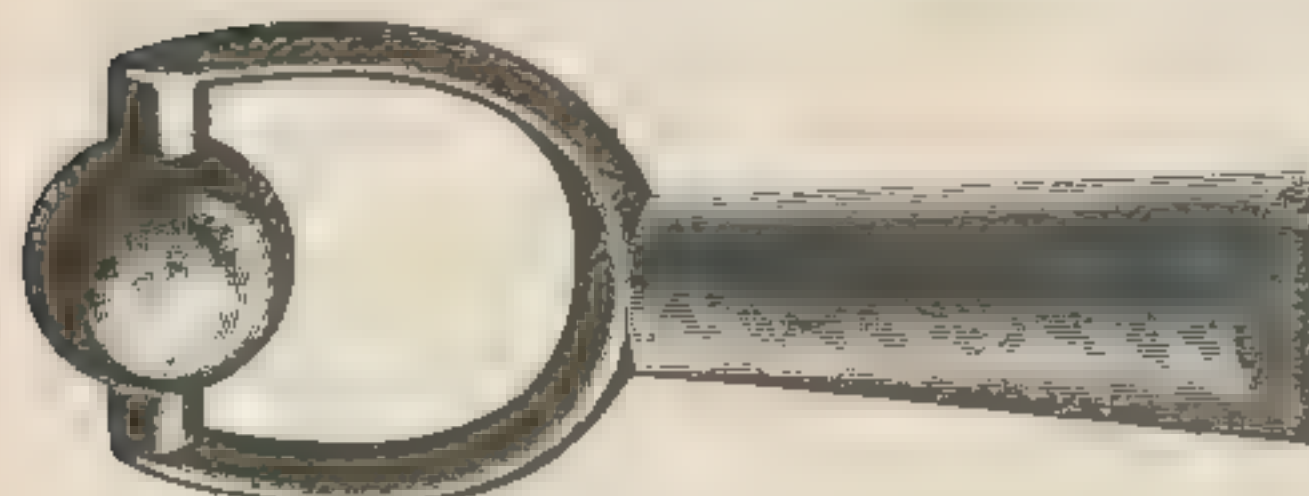
No. 2. WRENCH.



No. 3.
PATENT MAIL AXLE WRENCH.
All Sizes.



No. 4. WRENCH.



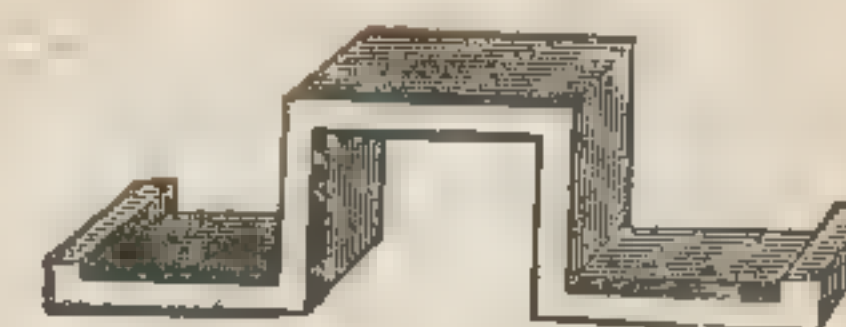
BRADLEY POLE EYE. 1, 1½ inch.



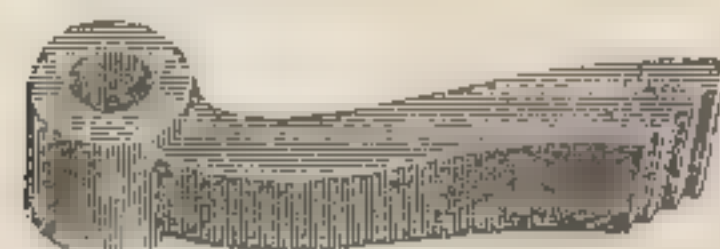
FARMER'S FRIEND WRENCH.



DEE SHACKLES.
1½, 1½, 1½, 2,
2½ inch.



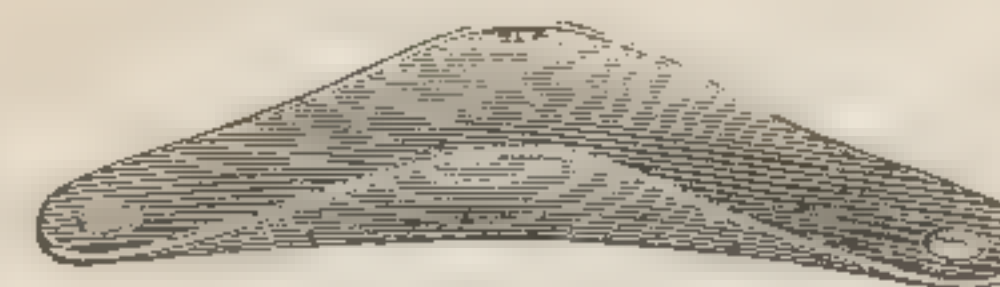
CAULKED AXLE CLIP.
1½, 1½, 1½ inch.



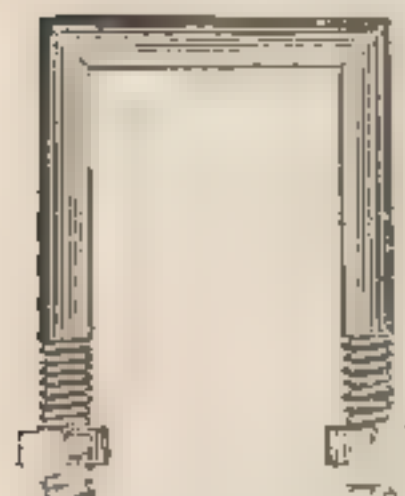
SHAFT EYE. 1 to 1½ inch x 7-16 inch.



POLE EYE.
1 to 1½ x 7-16 inch.



FELLOE PLATE.
1 to 2 inch.



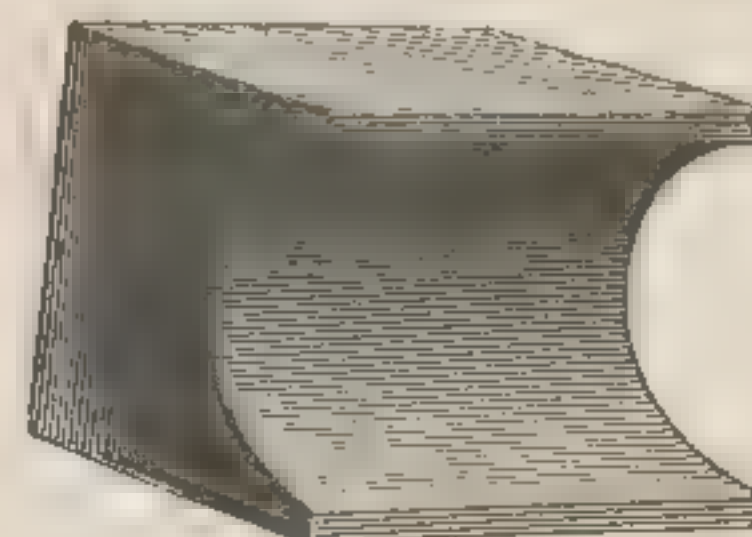
HALF ROUND
SPRING CLIP.



FLAT SPRING CLIP.

1½, 1½, 1½, 2, 2½ inch. 1½ and 1½ inch wide.

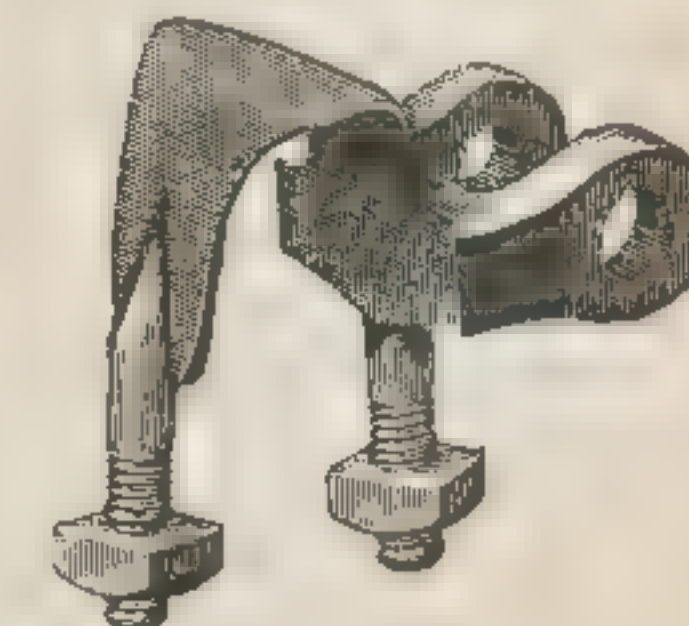
Also, SADDLE CLIPS,
1½ and 1½ in. All Lengths.



RUBBER ANTI RATTLER.
All Sizes.



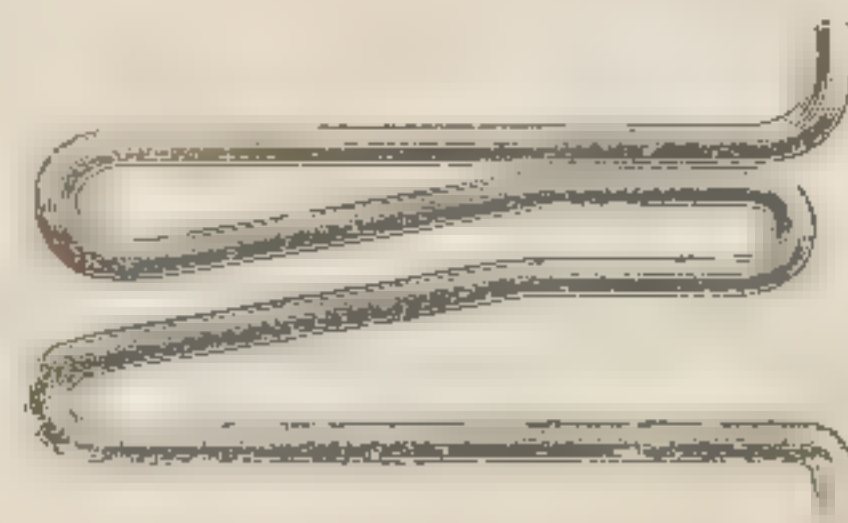
BRADLEY SHAFT COUPLING.
1 and 1½ inch.



FINISHED SHAFT COUPLING
(or Jack Clip).
1 to 1½ inch.



FROST'S WIRE ANTI RATTLER.



WIRE DRIVE ANTI RATTLER.

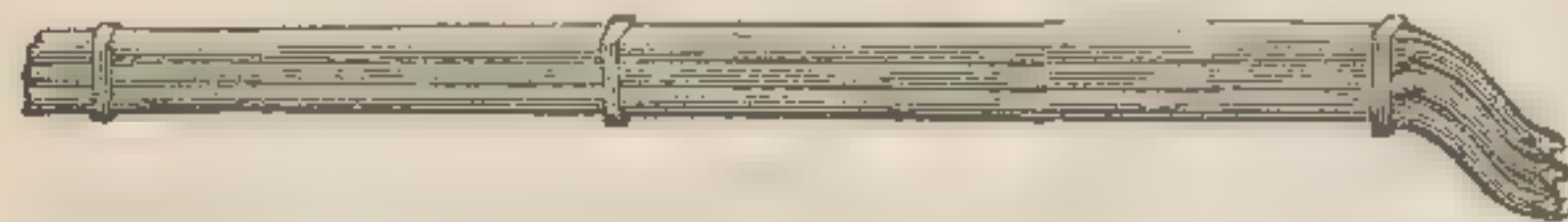


FLAT STEEL TO DRIVE
ANTI RATTLER.

Shafts, Rims and Hubs.



HICKORY BUGGY AND WAGONETTE SHAFTS.
 $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$ inch, XX and XXX.
 Spotted Gum Shafts—Sulky, Pagnell, Spring Cart & Dray.
 All Sizes, viz., $2 \times 1\frac{1}{2}$, $2\frac{1}{2} \times 1\frac{1}{2}$, $2\frac{1}{2} \times 1\frac{3}{4}$, 2×2 inch.
 $2\frac{1}{2} \times 2\frac{1}{2}$, 3×2 inch.
 Iron Bark Shafts—Cart and Dray.



BUGGY POLES.
 Complete with Bars, XXX and XX.
 $1\frac{1}{2} \times 2$ to 2×3 inch.
 Straight Waggon, $3 \times 2\frac{1}{2}$ to $3\frac{1}{2} \times 3$ inch.
 Also Spotted Gum.



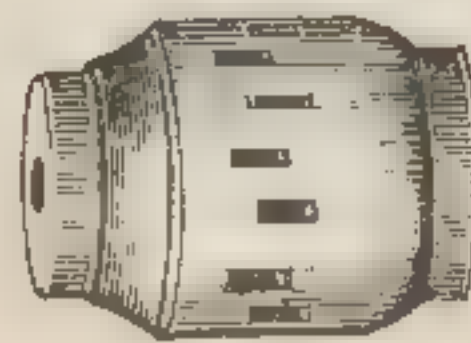
HICKORY SPOKES.
 Quality No. 1. 1 Nut, and 2 Nut.
 Sizes, $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{5}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{5}{8}$, $1\frac{1}{2}$, 2, $2\frac{1}{4}$ inch.



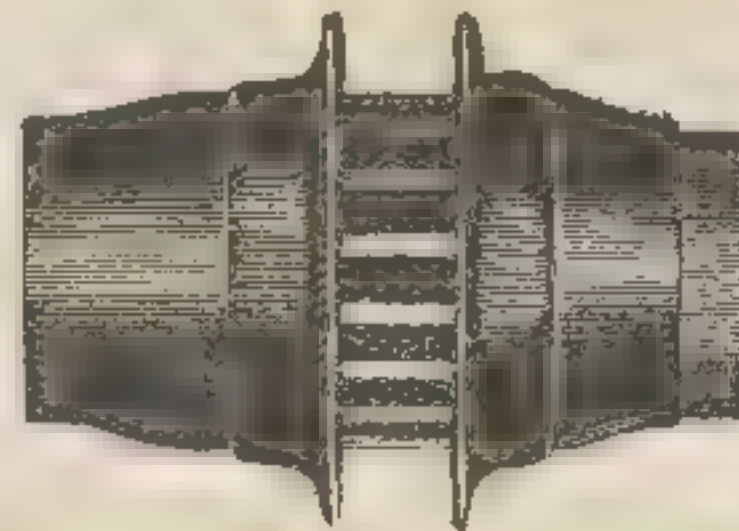
SARVEN SPOKES.
 Sizes, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{5}{8}$, $1\frac{3}{4}$ inch.



HICKORY WHIFFLETREES. Quality XXX.
 With Square Centres and Ordinary.
 Sizes, $1\frac{3}{8} \times 1\frac{1}{2}$, $1\frac{3}{8} \times 1\frac{3}{4}$, $1\frac{1}{2} \times 2$, $1\frac{1}{2} \times 2\frac{1}{4}$ inch.
 Also SPOTTED GUM ditto, ditto.
SPOTTED GUM OVAL BARS. $1\frac{3}{8}$, 2, $2\frac{1}{8}$, $2\frac{1}{4}$, $2\frac{1}{2}$ inch



WOOD HUB.



SARVEN HUB.

3 Star Crane and McMahon's.

ELM HUBS. Plain and Beaded.

Sizes— $4\frac{1}{2} \times 6\frac{1}{2}$, 5×7 , $5\frac{1}{2} \times 7\frac{1}{2}$.

6×8 , 7×9 , $7\frac{1}{2} \times 9\frac{1}{2}$.

8×9 , 8×10 , $8\frac{1}{2} \times 10\frac{1}{2}$,

9×11 inch.

Also, **SARVEN HUBS.** All Sizes.

DRAY NAVES. Iron Bark, 10×12 ,

11×13 , 12×14 , 13×15 ,

14×16 inches.

SPRING CART NAVES. Ironbark.

7×9 , 8×10 , 9×11 , 10×12 .



STRAIGHT HICKORY SULKY SHAFT.
 $1\frac{1}{2} \times 2$, $1\frac{1}{2} \times 2\frac{1}{4}$, $1\frac{3}{8} \times 2\frac{1}{4}$, $1\frac{1}{2} \times 2\frac{1}{4}$ inch.
 XXX.



BENT HICKORY SULKY SHAFT.
 Shafts Bent to suit any kind of Vehicle.
 $1\frac{1}{2} \times 2$, $1\frac{1}{2} \times 2\frac{1}{4}$, $1\frac{3}{8} \times 2\frac{1}{4}$ inch.
 XXX.

Also, **PAGNEL SHAFTS**, in Hickory or Spotted Gum.
 And **BENT HEEL SHAFTS**, for Roadster Sulkies.



RIMS.
 XX and XXX.

IN SETS—3ft. 8in., 4ft. 2in. $\times 1\frac{1}{2} \times 1\frac{1}{4}$, $1\frac{1}{4} \times 1\frac{3}{8}$, $1\frac{3}{8} \times 1\frac{1}{2}$,
 $1\frac{1}{2} \times 1\frac{3}{8}$, $1\frac{3}{8} \times 1\frac{1}{4}$, $1\frac{1}{4} \times 2$, $2 \times 2\frac{1}{4}$ inch.

IN PAIRS 4ft. 4in. $\times 1\frac{3}{8} \times 1\frac{1}{2}$, $1\frac{1}{2} \times 1\frac{3}{8}$, $1\frac{3}{8} \times 1\frac{1}{4}$, $1\frac{1}{4} \times 2$ in.

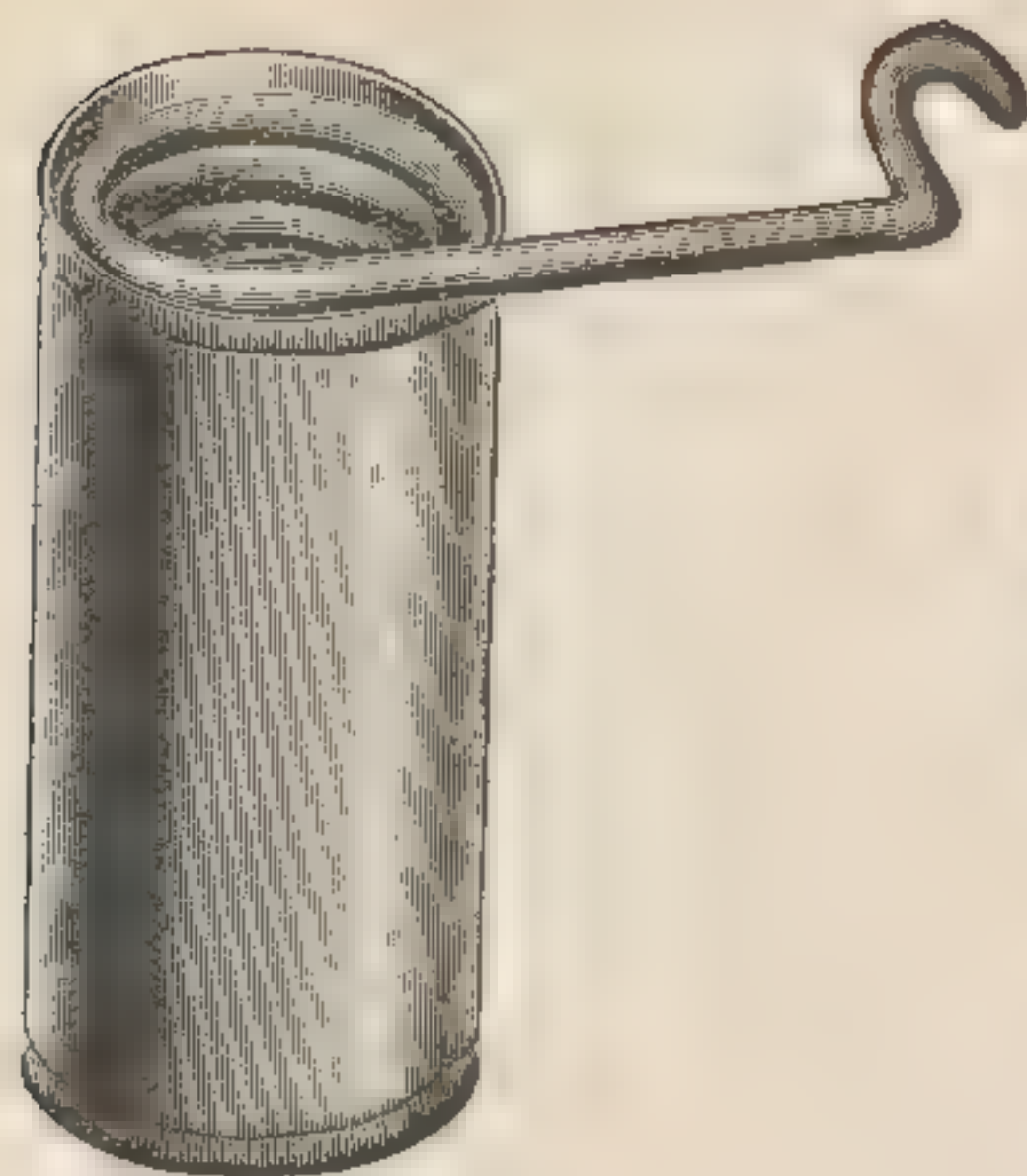
„ „ 4ft. 6in. $\times 1\frac{1}{2} \times 1\frac{3}{8}$, $1\frac{3}{8} \times 1\frac{1}{4}$, $1\frac{1}{4} \times 2$.

„ „ 4ft. 8in. $\times 1\frac{1}{2} \times 2$, $2 \times 2\frac{1}{4}$, $2 \times 2\frac{1}{2}$, $2\frac{1}{4} \times 2\frac{1}{2}$ inch

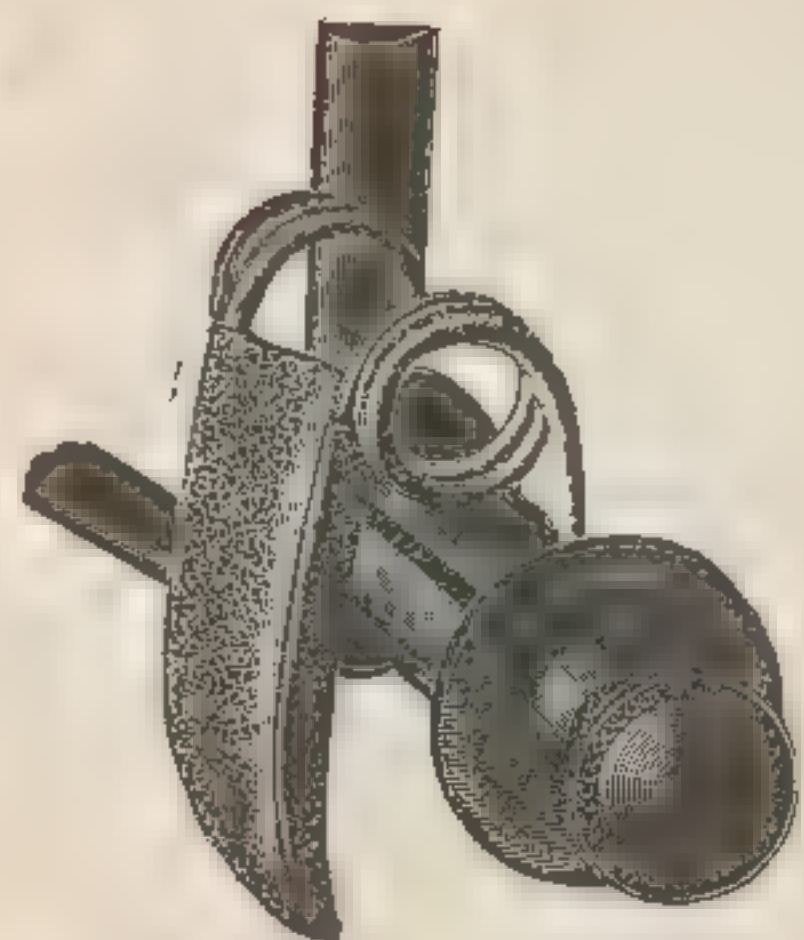
„ „ 4ft. 10in. $\times 2 \times 2$, $2 \times 2\frac{1}{4}$, $2 \times 2\frac{1}{2}$, $2\frac{1}{4} \times 2\frac{1}{2}$.

SPOTTED GUM OR BLACKWOOD RIMS (Made to Order).

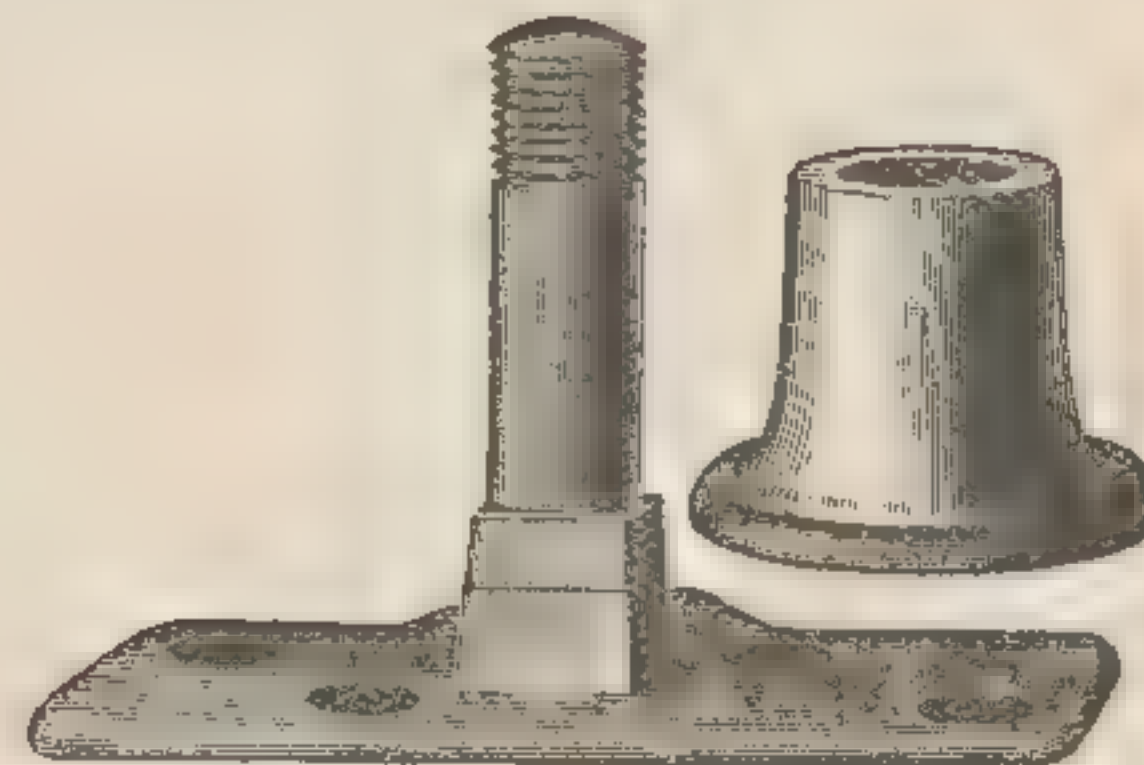
Sundries.



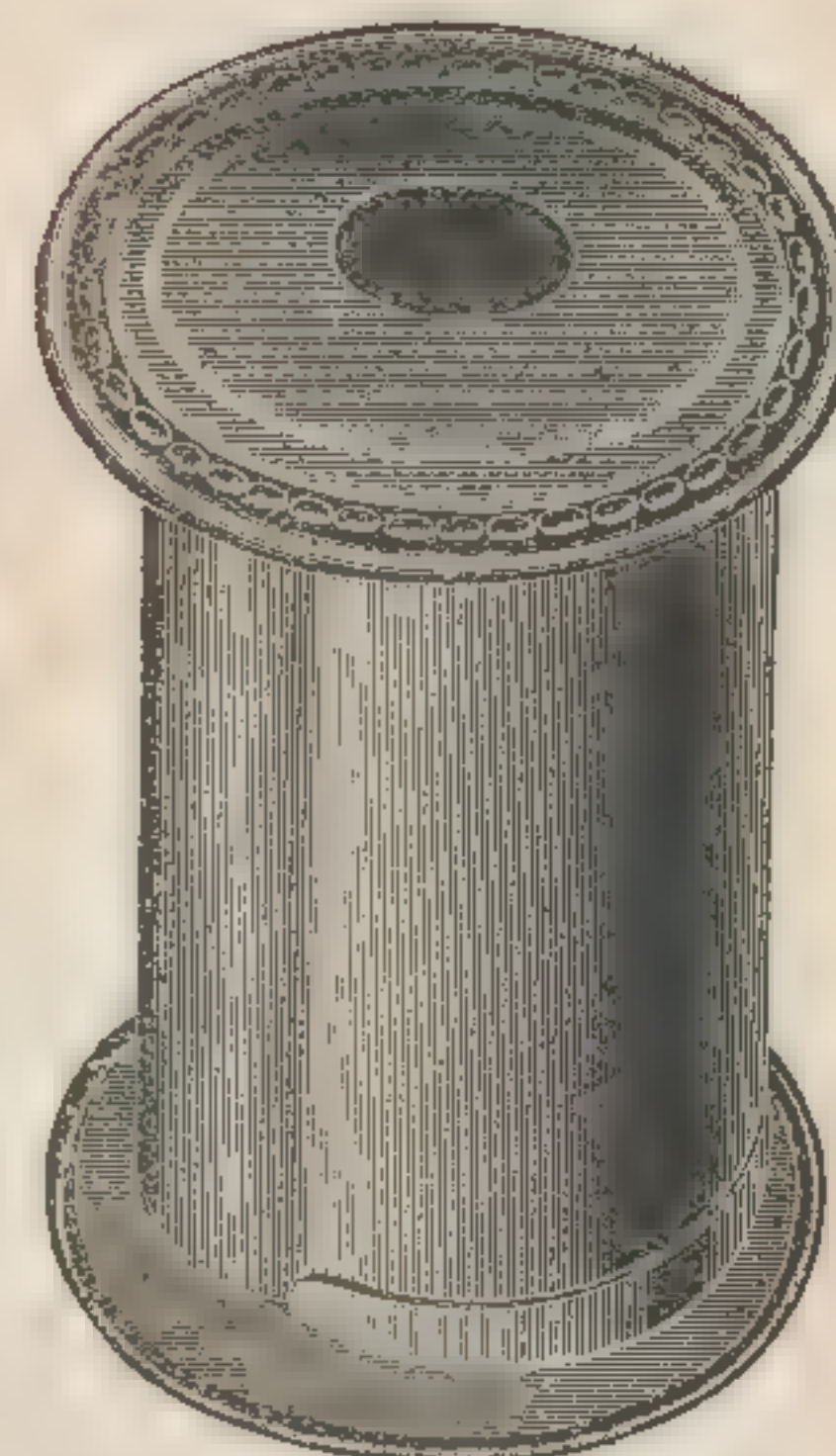
CATELEY SPRING.



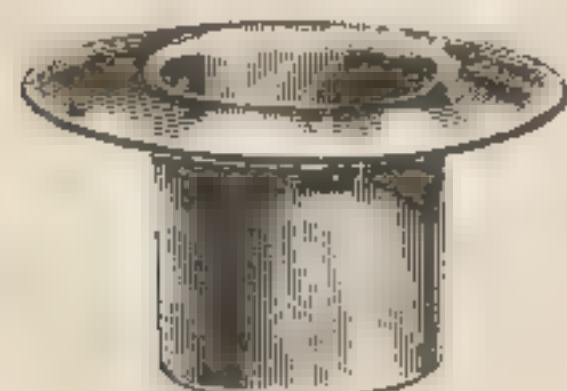
PIONEER SPRING BOW REST.



HOOD PROPS.



PROP REST WITH WASHER.
2½ in.



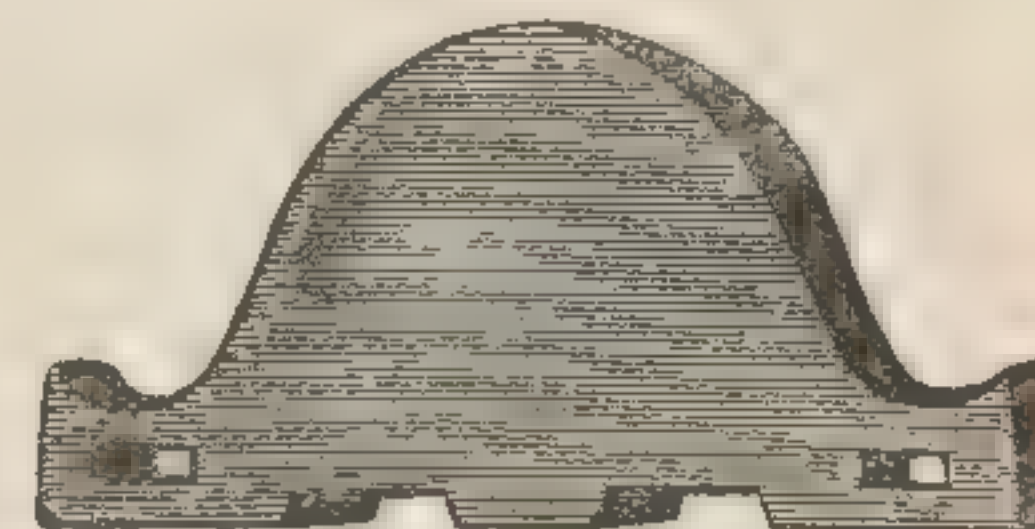
BRASS
WATER TUBES.



ACORN HEAD BAR BOLTS.
S.P. or Brass.
2½, 3, 3½ in. long x 5-16 and ¾ in.



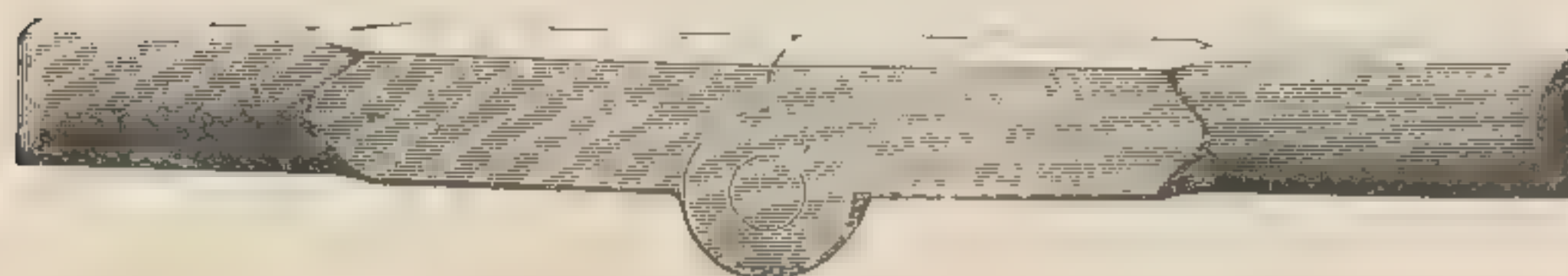
N.P. on Brass, Aluminium or Celluloid.



I.R. BUFFERS.



WROUGHT JOINT ENDS, 7-16in.



WROUGHT STUMP JOINTS. ½, 9-16, 5/8 in.

We stock CROCKETT'S DUCK in First, Second, and Third Qualities. King's Grain. Bright and Dull Blacks, Claret, Green and Tan Colors.

AMERICAN RUBBER DUCK, with Brown, Blue, or Green, Stained Back 26oz.

ONTARIO DUCK—Brown, Kahki, and White, 60 and 72 in. wide. 6, 8, 10oz.

CLOTH FOR HOOD LINING—Brown, Blue, and Green. In Union or Wool.

BUCKRAM, 40 in. wide. STRAWBOARD. All Sizes.

Malleable Fittings.



HOLD BACK.
No. 810.

B
1½ inch Strap.
4½ inch long.



THUMB NUT.
No. 1405.

AA	A	B	C	D	E	G
3-16	1½	5-16	7-16	1½	1½	in Holes
7-16	11-16	2	15-16	1	1½	in. high



BOW IRON.
No. 1520.

A	B	C	D	E	F	G	H
1½	1½	1½	2	1½	1½	2	2 in. deep inside
3½	3½	3½	4	3½	3½	4	2 in. wide inside
							4 in. long



-SPRING CLIP TIES AND PLATES.
No. 2180.

A	B	C	E	F	G
1½	1½	1½	1½	1½	1½ in. Springs
5-16	5-16	5-16	5-16	5-16	in. Holes

Used with No. 2179 Axle Ties.

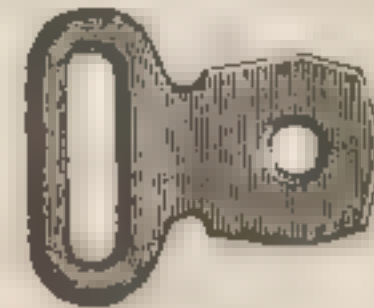


SEAT HANDLE.
No. 1223.
4½ inch Panel.
½ inch wide.
1½ inch throw-out.



CONCORD WHIFFLETREE FRONT PLATE.
No. 650.

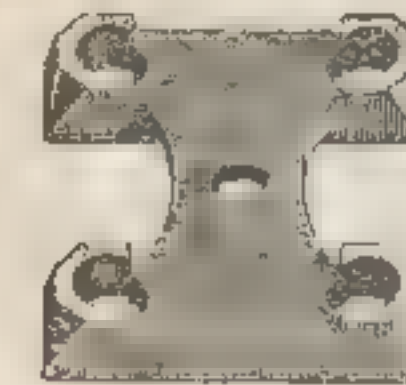
A	B	C	D	E
1½	1½	1½	1½	2 in. wide
4	4	4	4	4½ in. long
				7-16 in. Bolt



BODY SAFETY LOOP.
No. 2040.

OVAL

A	B	C	D	E	F
1½	1½	1	1½	1½	1½ in. Loop
1½	1½	2	2	2	2½ in. long



AXLE CLIP TIE AND PLATE.
No. 2179.

A	B	C	E	F	G
1	1½	1½	1½	1½	1½ in. Axle
5-16	5-16	5-16	5-16	5-16	in. Hole

Used with No. 2180 Spring Ties.

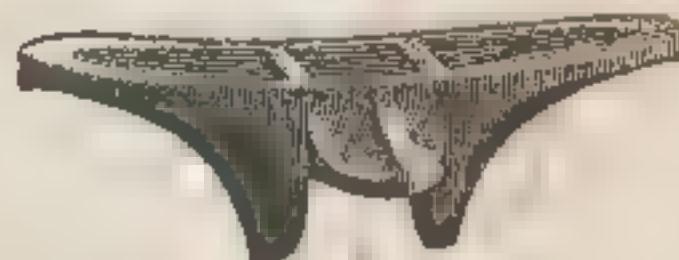


WHIFFLETREE CLEVIS.
No. 635.

A	B	C	D
3	3½	4½	3½ in. inside
5-16	5-16	7-16	5-16 in. Bolt



FOOT RESTS OR TOE RAILS.
24, 26, 28, 30, 32 inch.

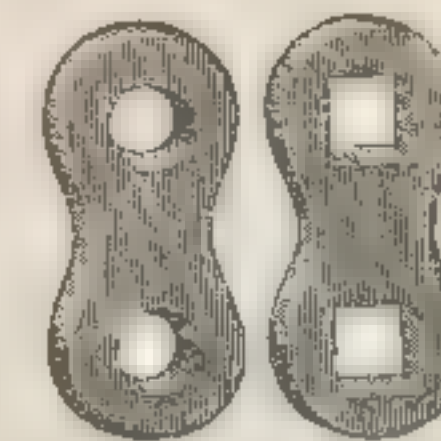


SPRING AND AXLE BLOCK.
No. 2190.

A	B	C	G	H	D	E	F	J
1	1½	1½	1½	1½	1½	1½	1½	1½ in. Axle
1½	1½	1½	1½	1½	1½	1½	1½	1½ in. Spring
5½	5½	5½	5½	5½	5½	5½	6	5 in. long

CONCEALED JOINT.
No. 1420.

A	B	C	D	E	J	F	K	G
11	12	13	15	16	16	17	17½	18 in. long



BARREL SHACKLE LINK OR HANGERS.
No. 2255.
All Sizes



SHAFT TEE PLATE.
No. 1125.
8 in. long
5 in. T
½ in. wide
½ in. holes
In pairs, right and left

MALLEABLE FITTINGS OF ALL DESCRIPTIONS STOCKED.

Malleable Fittings— Continued.



WHIFFLETREE FERRULE,

No. 15. —Light Round Pattern.

E	F	G	H	J	K
$\frac{1}{8}$	$\frac{1}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{8}$
$\frac{1}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{8}$	$1\frac{1}{2}$



MALLEABLE SAND BAND.
All Sizes.



WHIFFLETREE CENTRE IRON. No. 182.

A	B
$2\frac{3}{8} \times 1\frac{1}{2}$	$2\frac{1}{2} \times 1\frac{1}{8}$
$2\frac{1}{2}$	$2\frac{3}{8}$
$4\frac{1}{2}$	$4\frac{1}{2}$



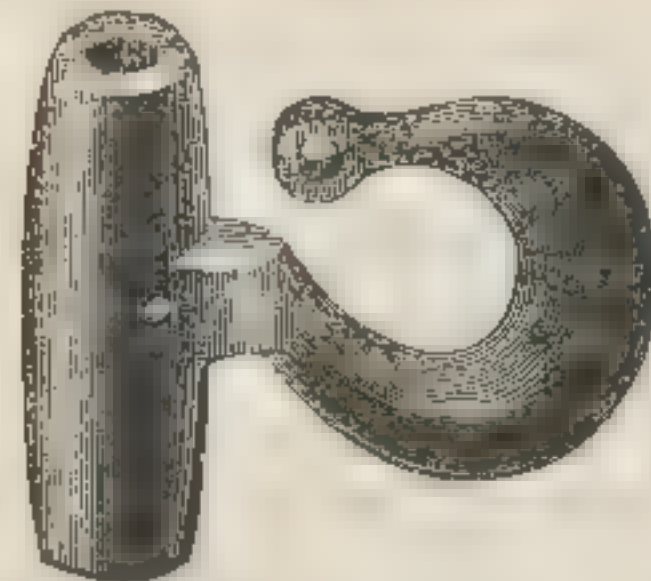
WHIFFLETREE COUPLINGS. No. 695.

A	B	C	D	E	F
$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$
$3\frac{3}{4}$	4	$4\frac{1}{2}$	$4\frac{7}{8}$	$5\frac{1}{2}$	$5\frac{1}{2}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$



WHIFFLETREE COCKEYE. No. 35.

A	B
$\frac{5}{8}$	$\frac{5}{8}$
$2\frac{3}{4}$	$3\frac{1}{4}$



BARREL HOOK. $\frac{3}{4}$ and $\frac{5}{8}$ in.



WHIFFLETREE HOOK.
No. 120.

A	B	C	D	E
1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$
$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$
$3\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{5}{8}$	4	4



POLE TIP. No. 845.

A	B	C	D
$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{8}$	$1\frac{1}{2}$
$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{9}{8}$	$1\frac{1}{8}$
6	6	6	6



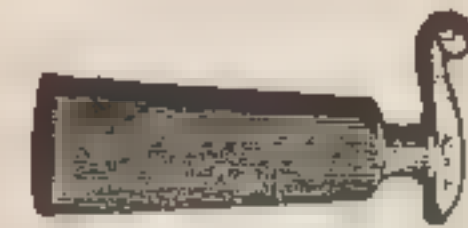
WHIFFLETREE COUPLINGS.
No. 690.

A	B	C	D
$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$
$3\frac{1}{2}$	$3\frac{7}{8}$	$4\frac{1}{8}$	$4\frac{3}{8}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$



WHIFFLETREE COCKEYE.
No. 70.

A	B
$\frac{3}{8}$	$\frac{7}{8}$
3	$3\frac{1}{4}$

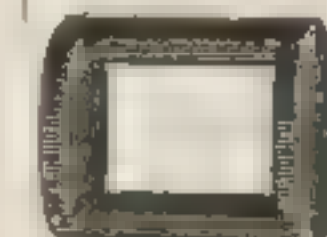


WHIFFLETREE TIP.
No. 93.

A	B
$1\frac{1}{8}$	$1\frac{3}{8}$
$3\frac{1}{4}$	$3\frac{1}{2}$



RAIL CLIP.



SIDE SPRING SHACKLE. No. 2240.

A	C	D	E
$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	2
$1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{3}{8}$



CONCORD DOUBLETREE, TOP PLATES. No. 662.

1 in. x 6 x $6\frac{1}{2}$ in. T. $6\frac{1}{2}$ in. Long.
 $\frac{1}{8}$ in. Bolts. $\frac{3}{8}$ in. Whiffletree Bolts.
In Pairs, Top and Bottom.



FIFTH WHEEL PLATES. No. 737.

A	B	C	D	E	F
1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{4}$
1	$1\frac{1}{8}$	$1\frac{1}{4}$	1	1	$1\frac{1}{8}$
$9\frac{1}{2}$	$9\frac{1}{2}$	$9\frac{1}{2}$			

Malleable Fittings *Continued,* and Bow Sockets.



CORNER IRON.
No. 1005.
2½ in. long
1 x 1 in. wide
57° Angle.
In pairs, right and left.



**AXLE CLIP YOKE
OR TIE.**
No. 2105.—With
Shoulders.
B C D
1 1½ 1½ in. Axle.
For 5-16 in. Clip.



**AXLE CLIP YOKE
OR TIE.**
No. 2115.—Plain Pattern.
B C D E F
1 1½ 1½ 1½ 1½ in. Axle.
5-16 in. thick. For
5-16 in. Clip.



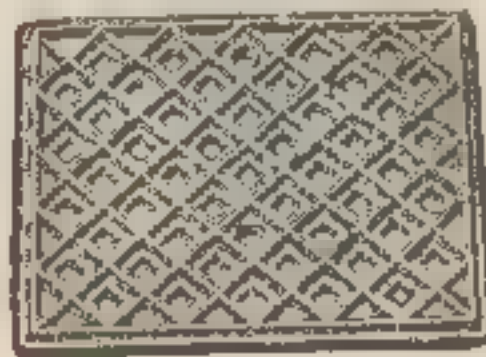
BODY SAFETY LOOP.
No. 2045.—Square.
A B C D E
1 1½ 1½ 1½ 1½ in. Loop.
1½ 1½ 1½ 2 2½ in. long.



POLE GRAB.
No. 890.
1 1½ 1½ 1½ 1½ Sockets.



CORNER IRON.
No. 1035.—Bevelled Edge.
A B
¾ ¾ in. wide.
3½ 3½ in. long.



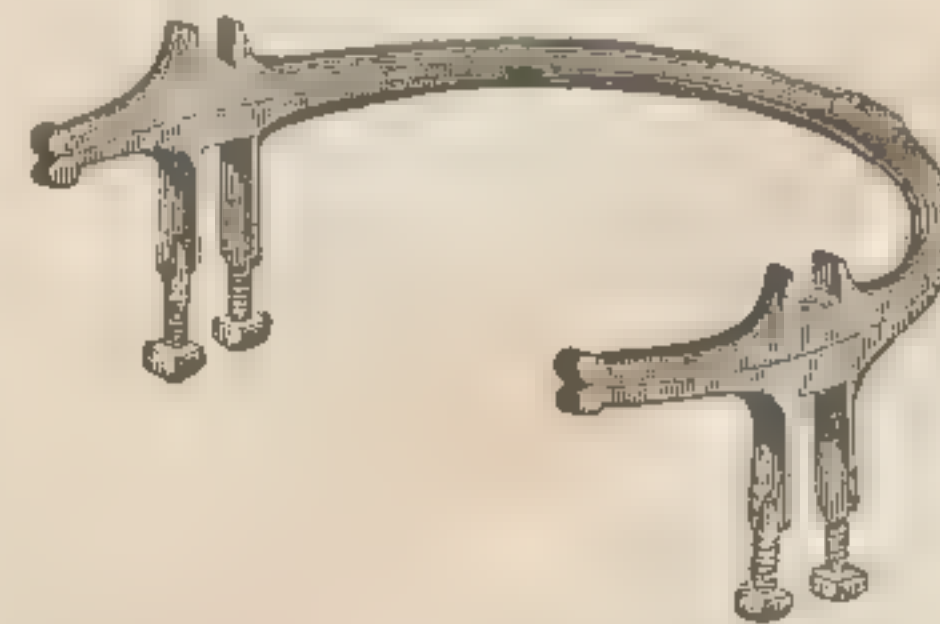
No. 1720.
A B C
3 x 3½ 3½ x 4½ 4½ x 5 in.



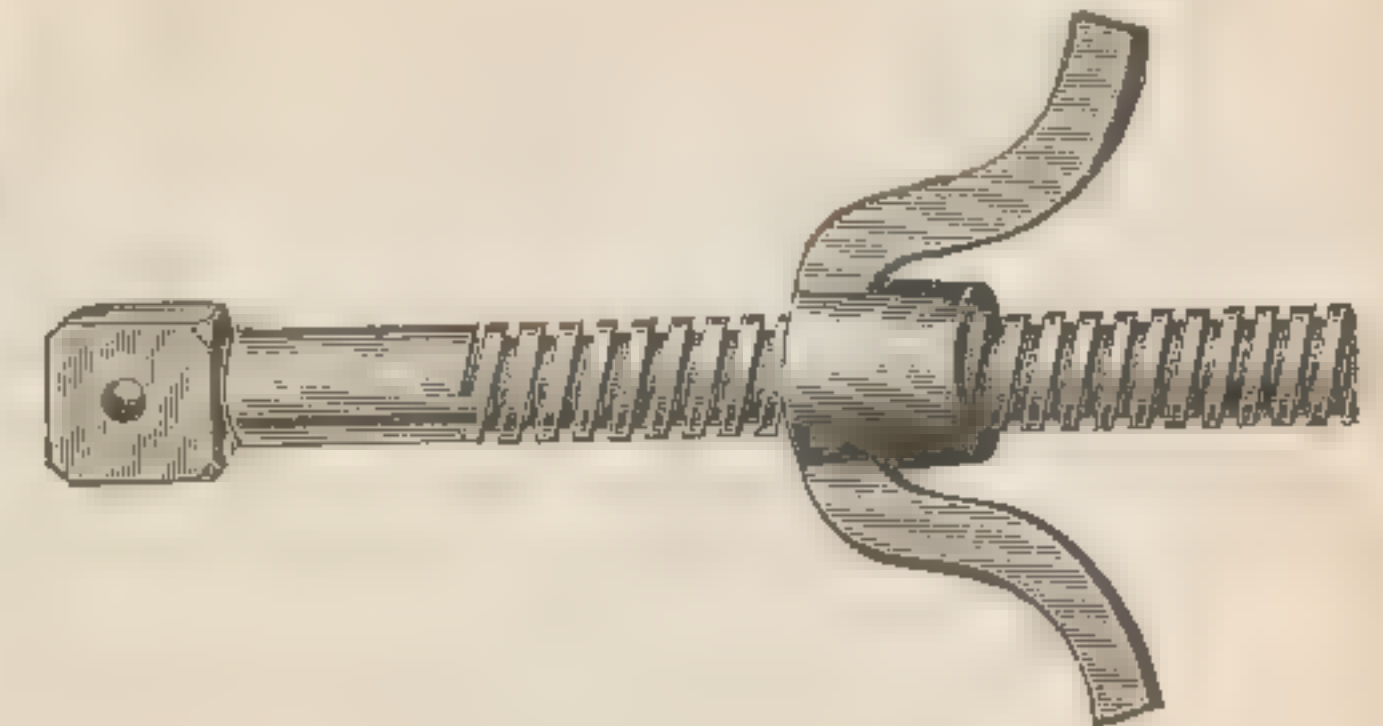
No. 7729.
4½ x 4 in.



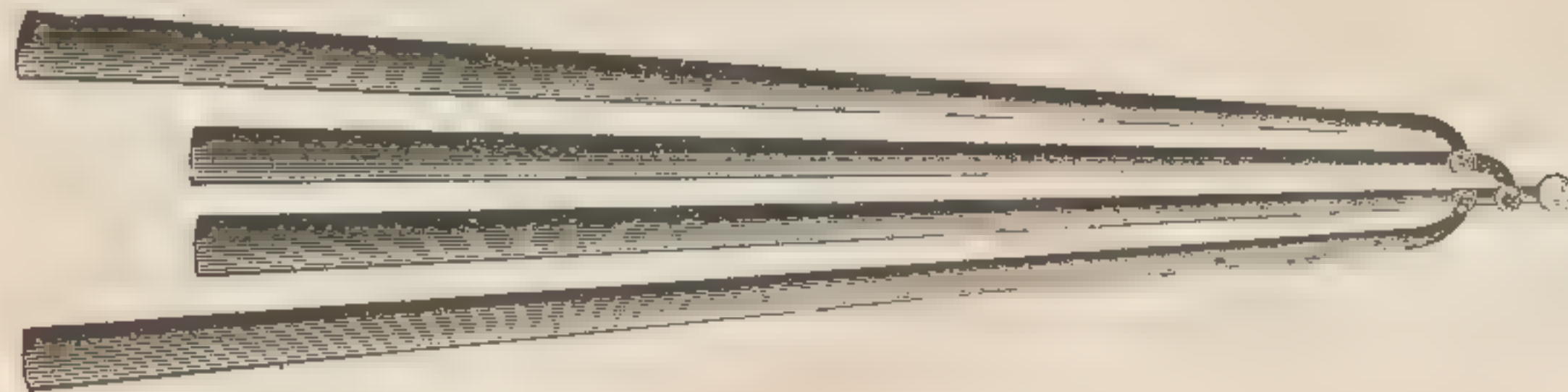
No. 1724.
4½ in.



WROUGHT DERBY FIFTH WHEEL.
12 x ¾ x 1 to 16 x ¾ x 1½ in. 14 x 3½ x 1½.



BRAKE SCREW.
Right or Left Hand. 1, 1½, 1½, 1½ inch.



TUBULAR BOW SOCKET, PHILADELPHIA PATTERN. 4 BOW.



STEP PADS IN MANY PATTERNS. TUBULAR BOW SOCKET, GRANDEL PATTERN 4 BOW.



SEAT SPRING.

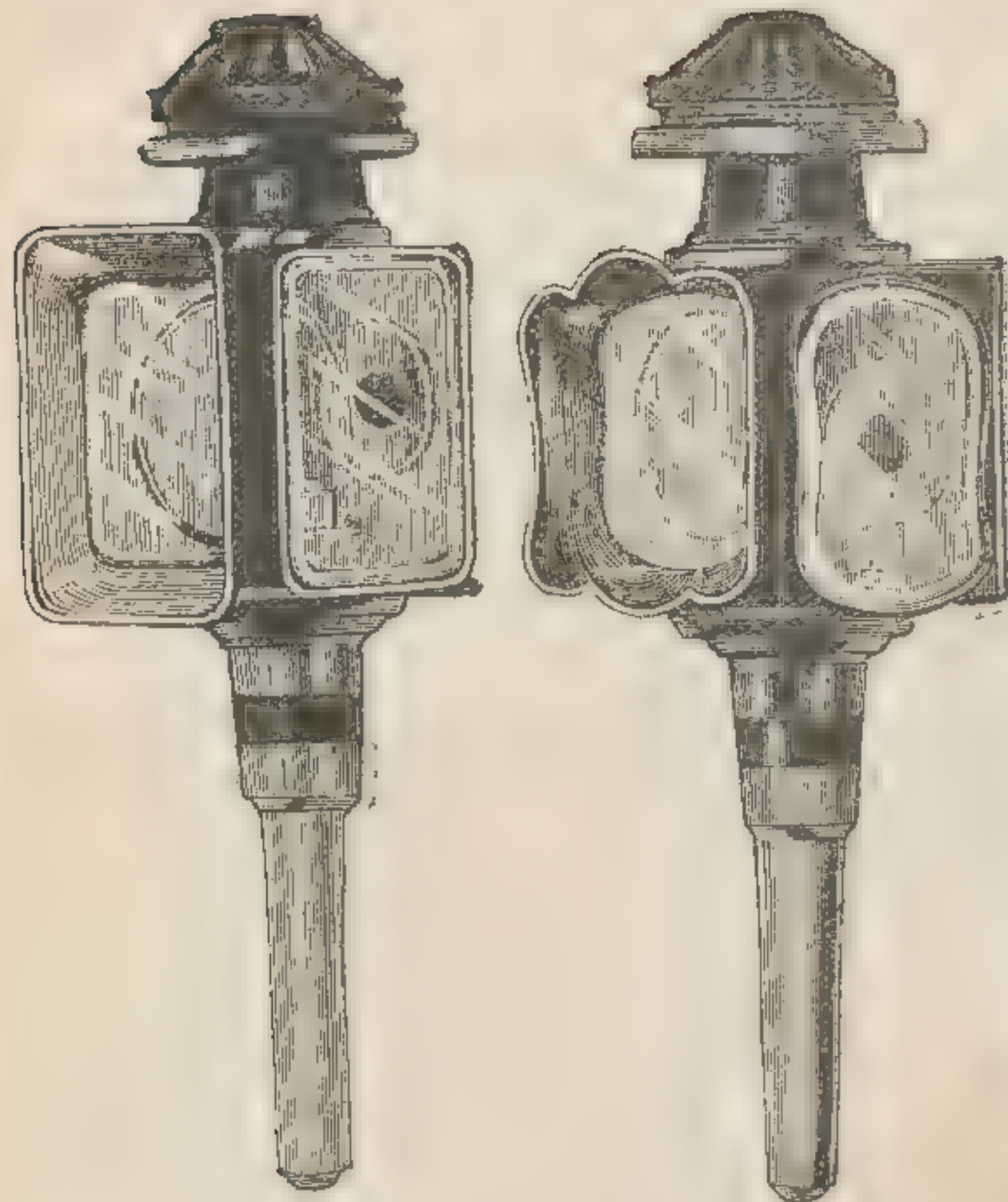


SQUAB SPRING.

Also CRINKLED WIRE,
FOR SPRING FRAMES.

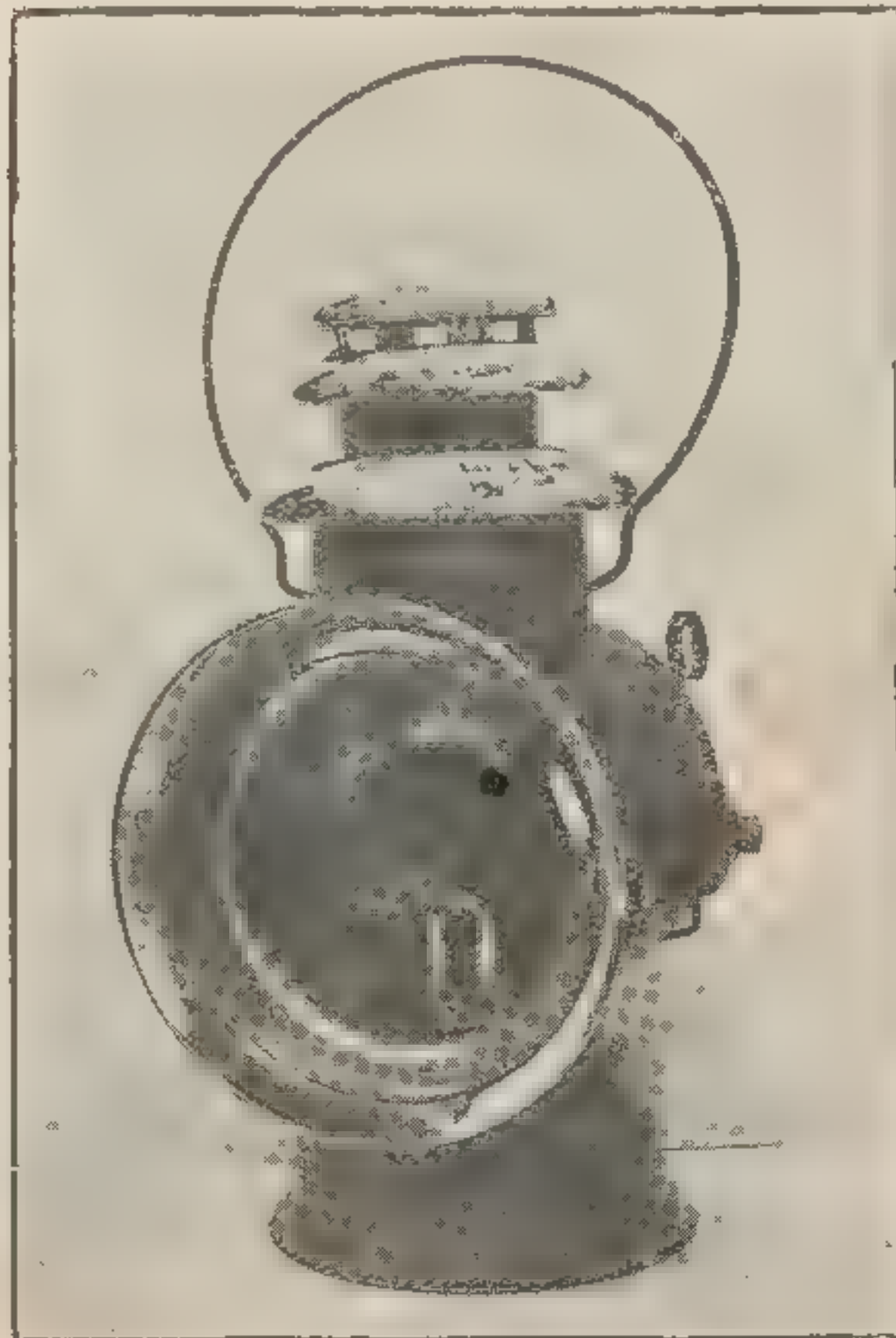
Buggy Lamps.

Japanned Silver or Brass Mounted.

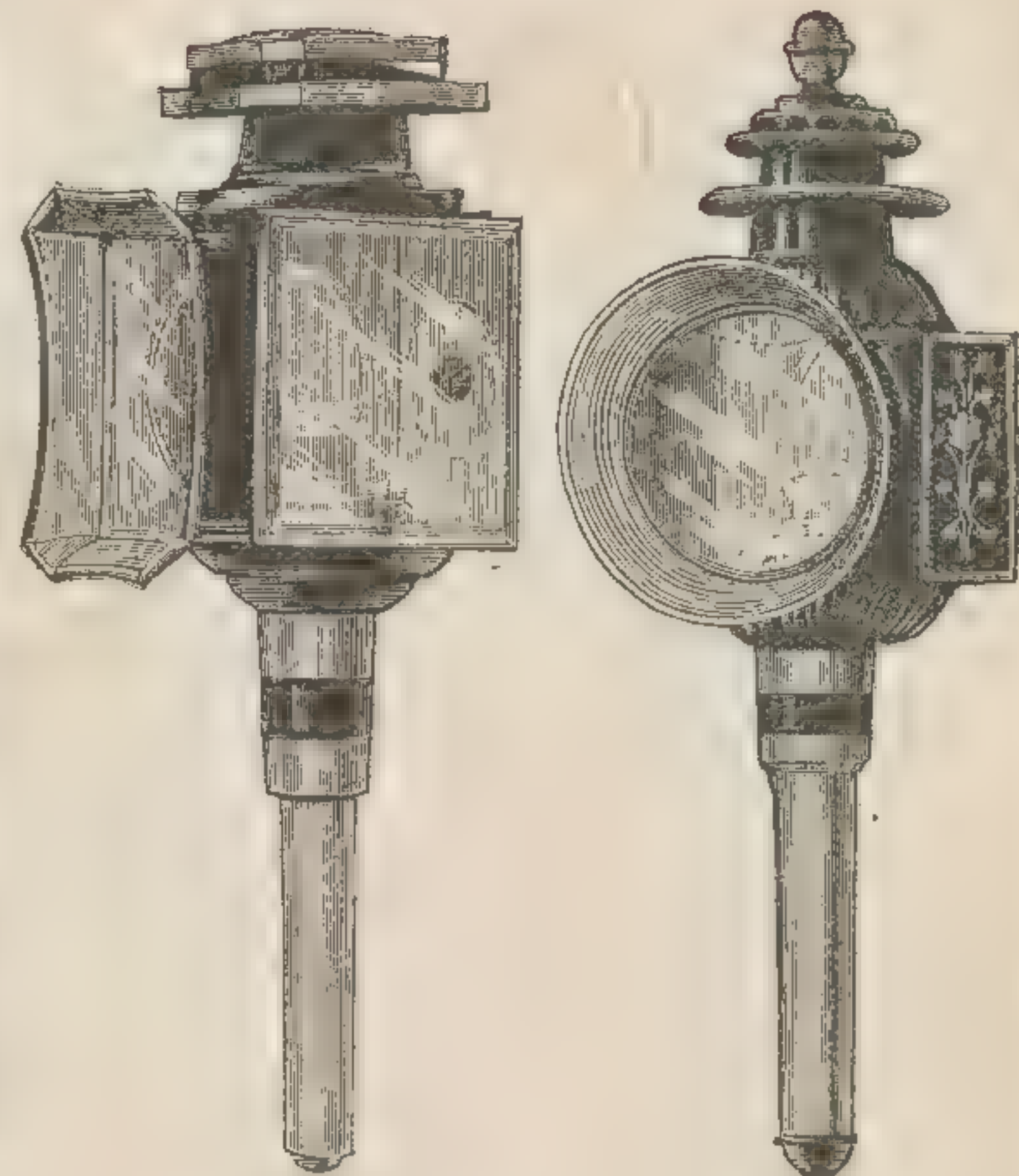


No. 1.

No. 2.



DIETZ TUBULAR DRIVING LAMP.
Burns Kerosene and will not blow out. Can be fixed on the Top or the Side of the Dash, or with a Holder it can be fixed to the Side of the Vehicle.



No. 3.

No. 4.
4 1/2 in. dia. of Glass.



2070.
PATENT BOLT LAMP BARREL. Japanned, S.P. or Brass.



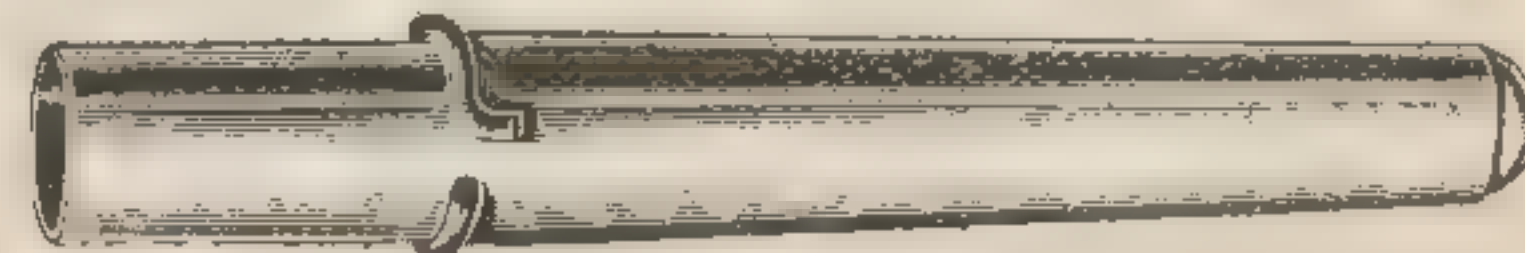
LAMP IRON.



LAMP SPRING. 1/2, 3/4, 1 inch.



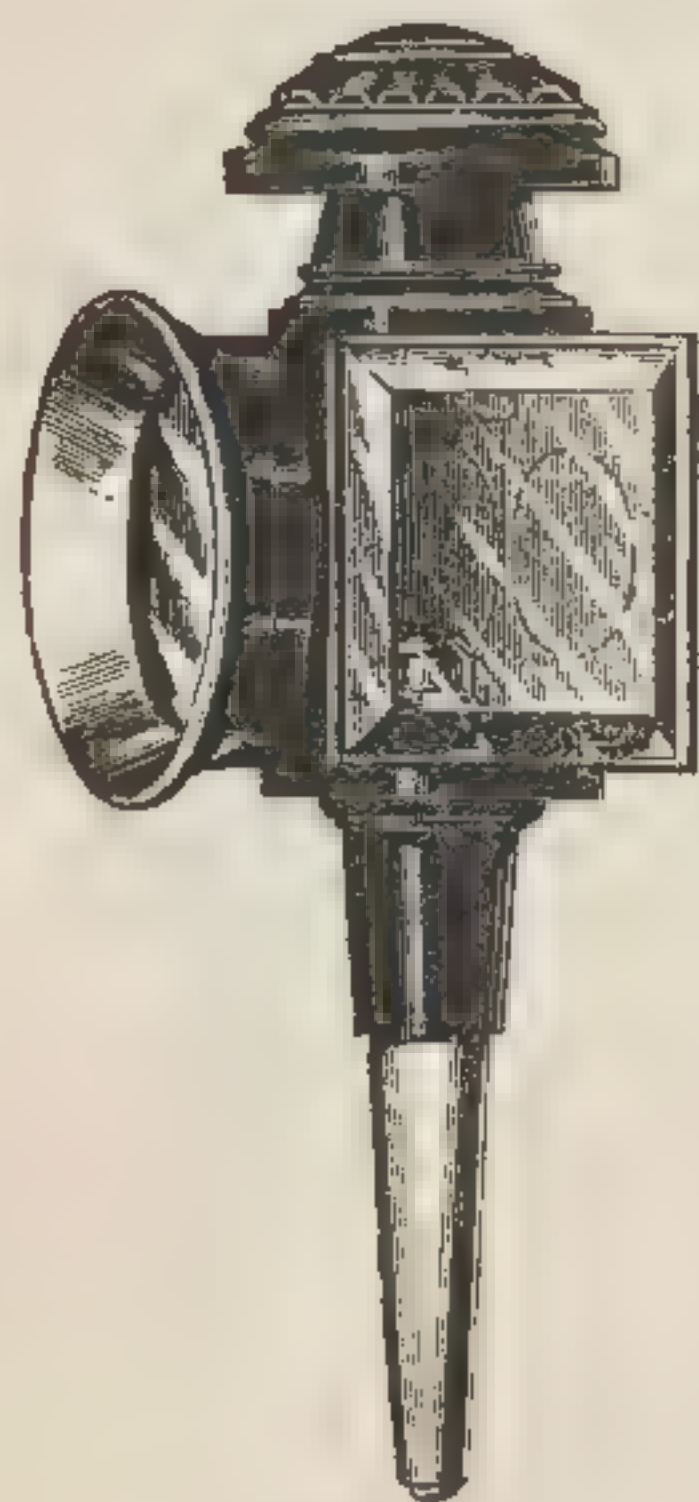
1904.
PATENT BOLT LAMP BARREL. Japanned, or S.P.



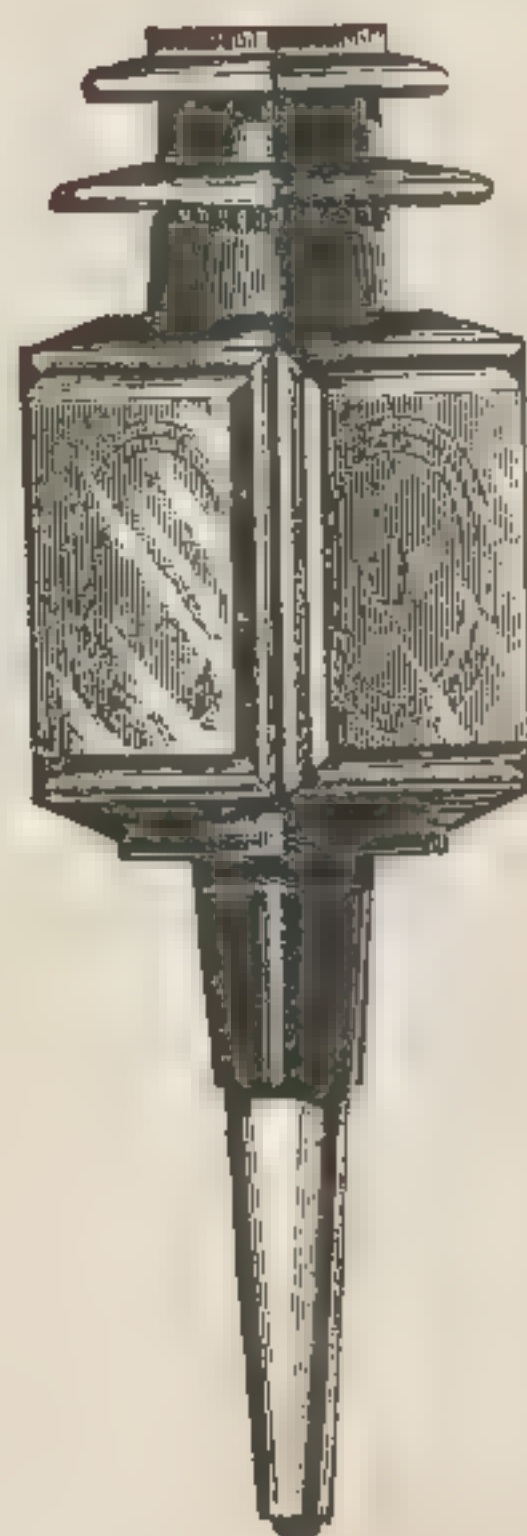
PLAIN LAMP BARREL.
Jap., S.P., or Brass.

Buggy Lamps—Continued.

Japanned, Silver, and Brass Mounted.



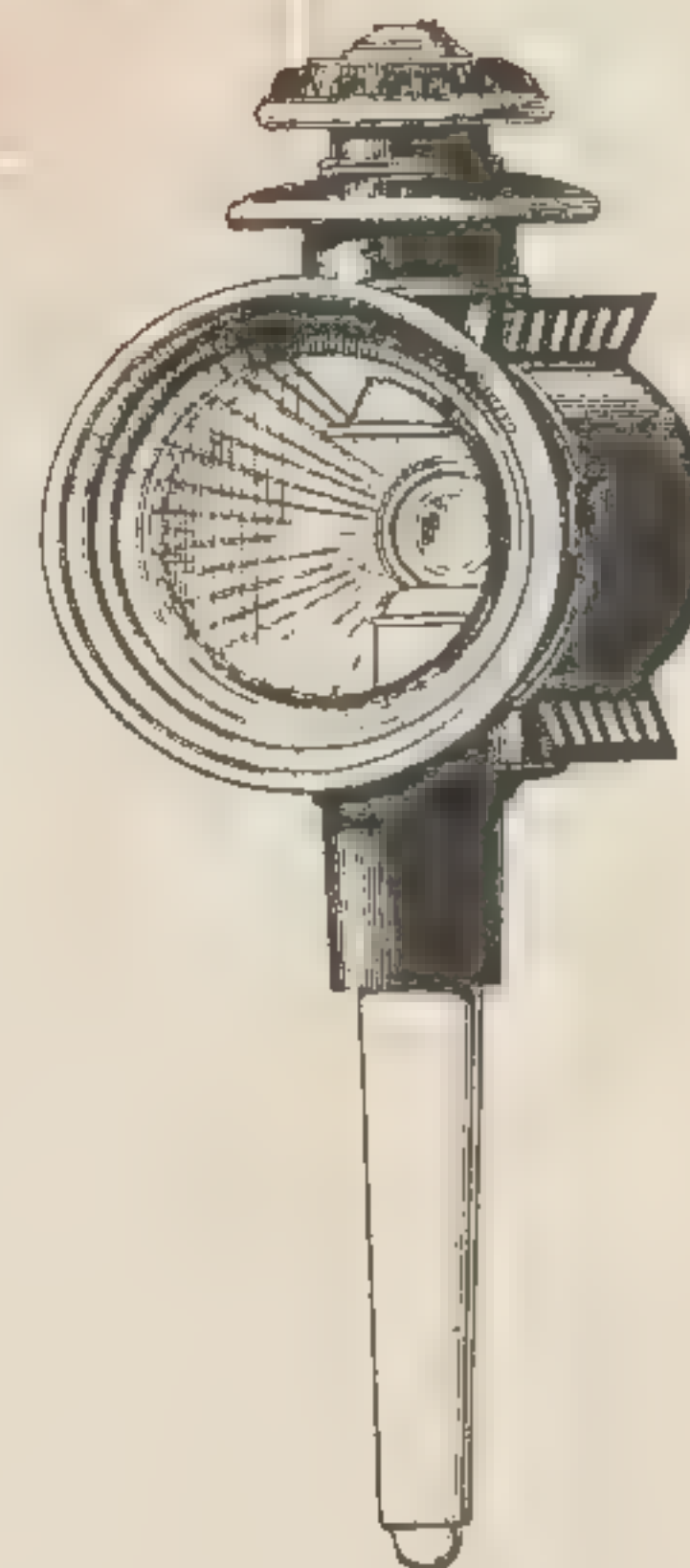
No. 5.



No. 6.



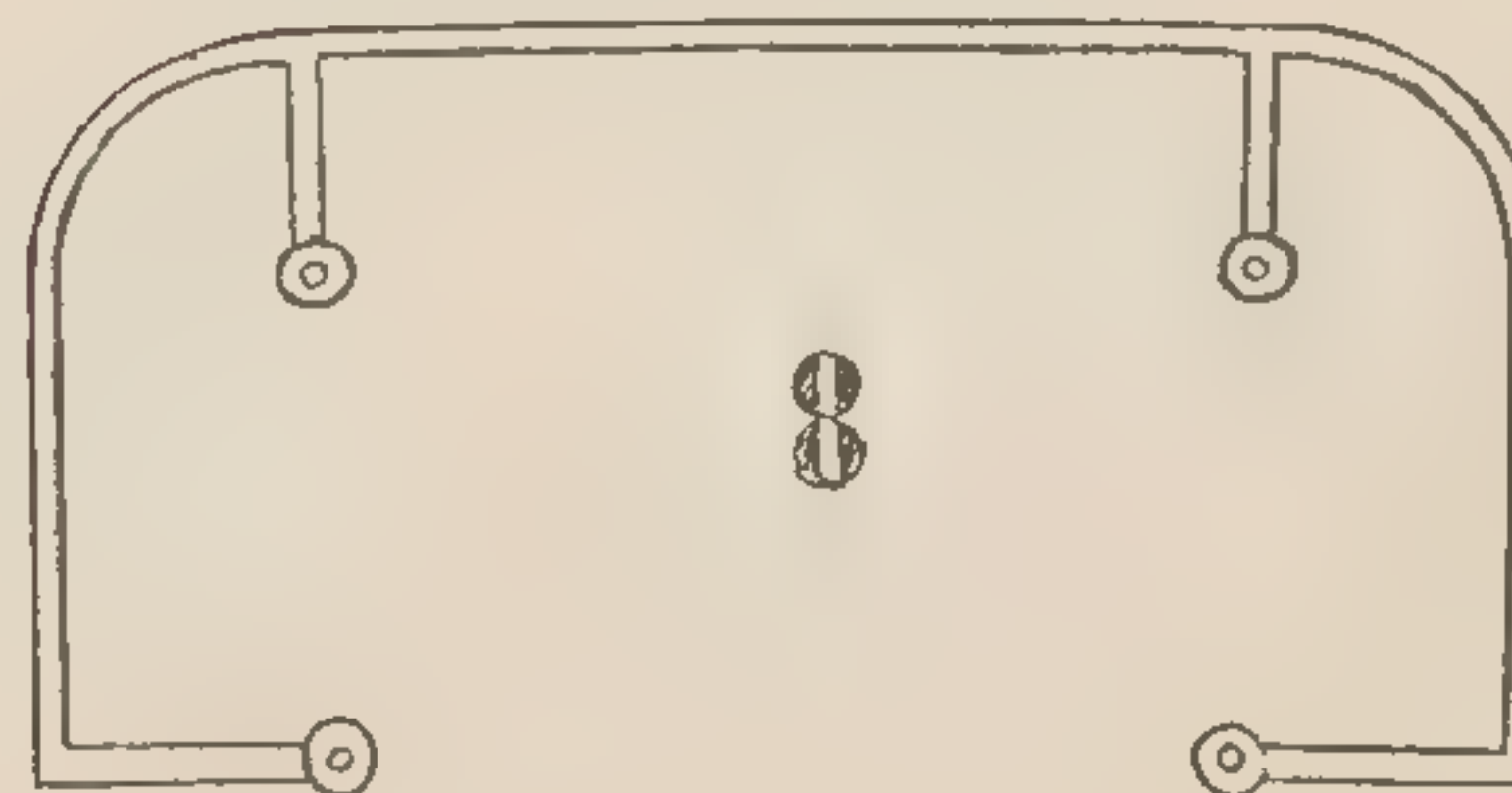
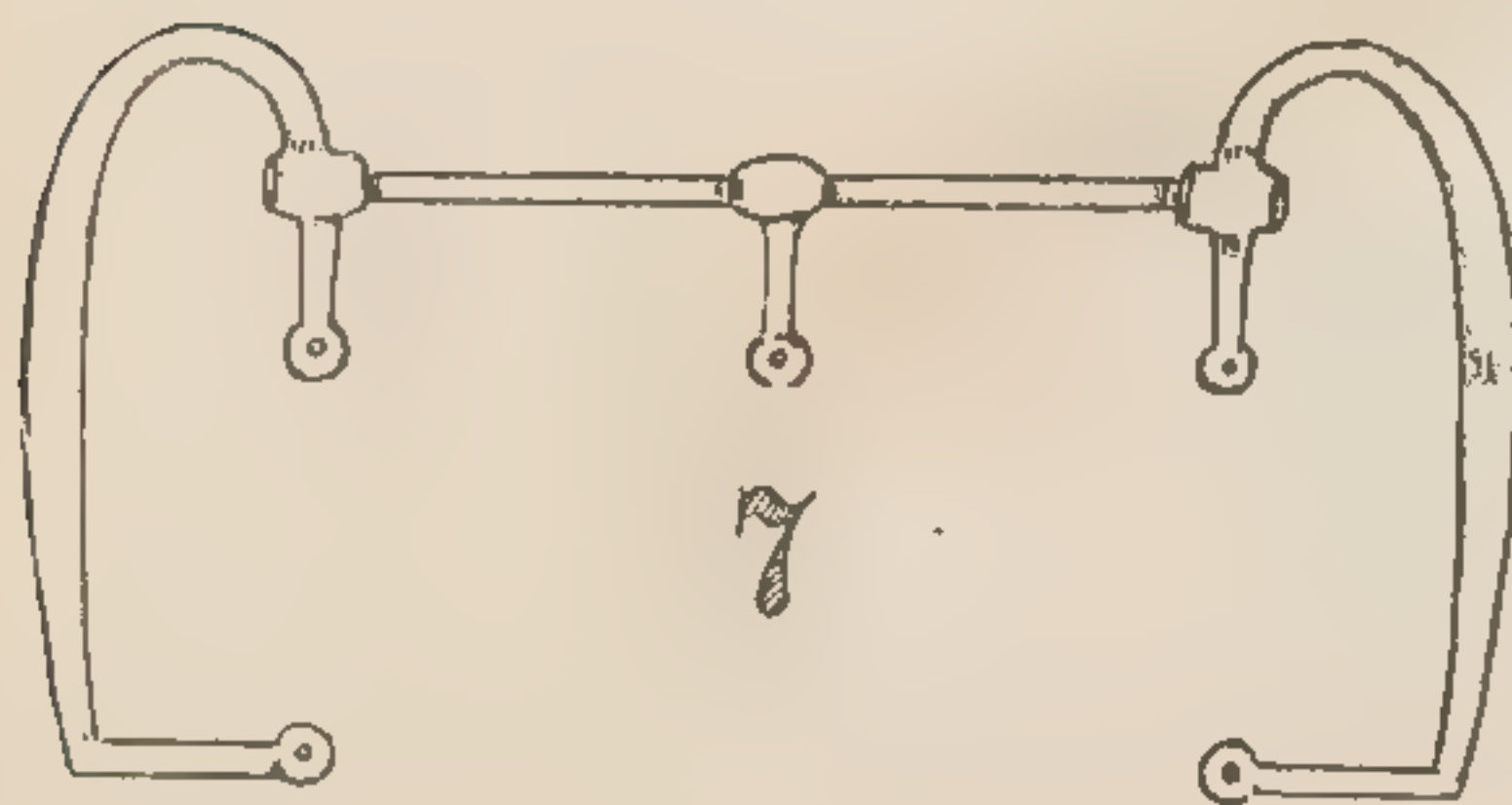
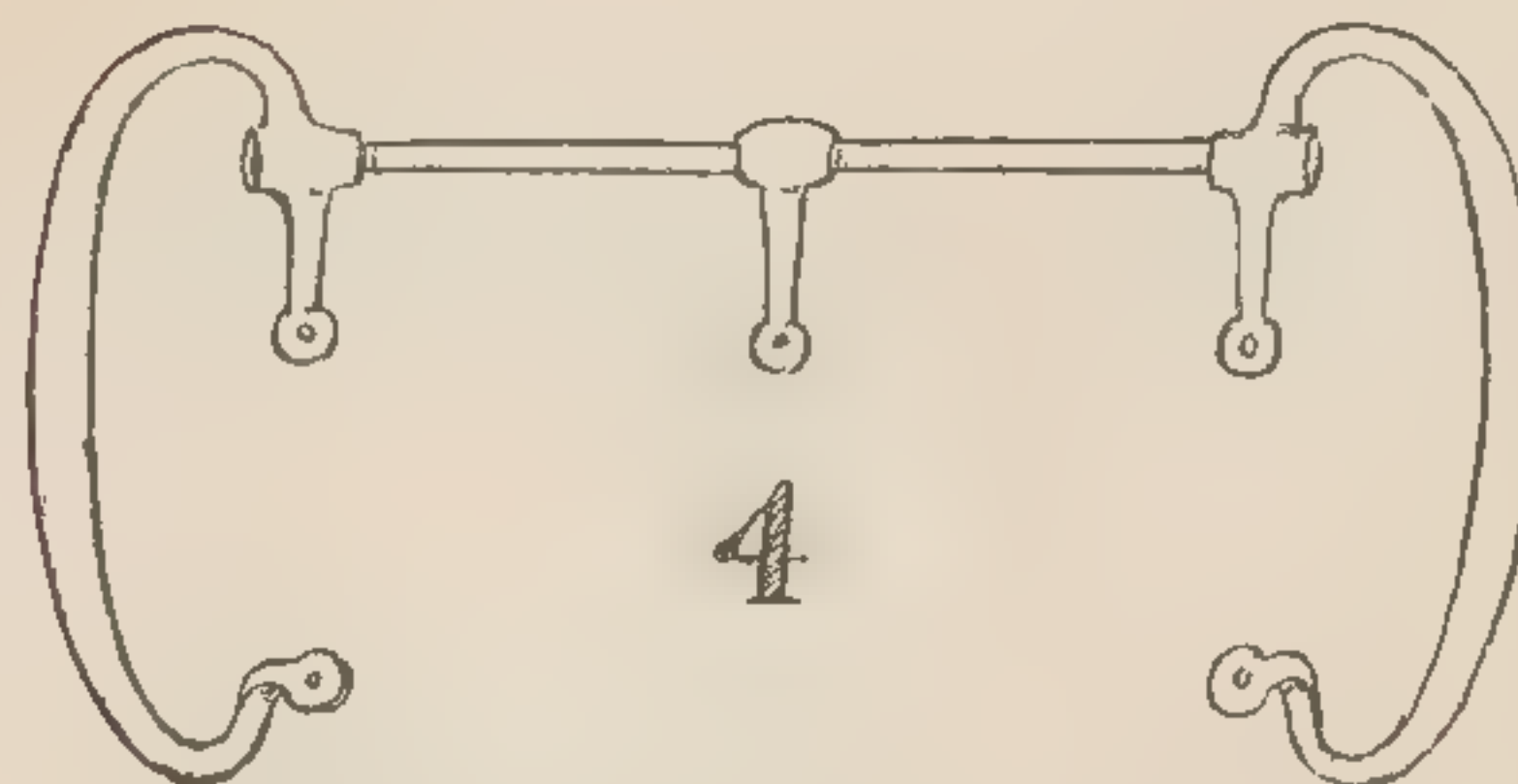
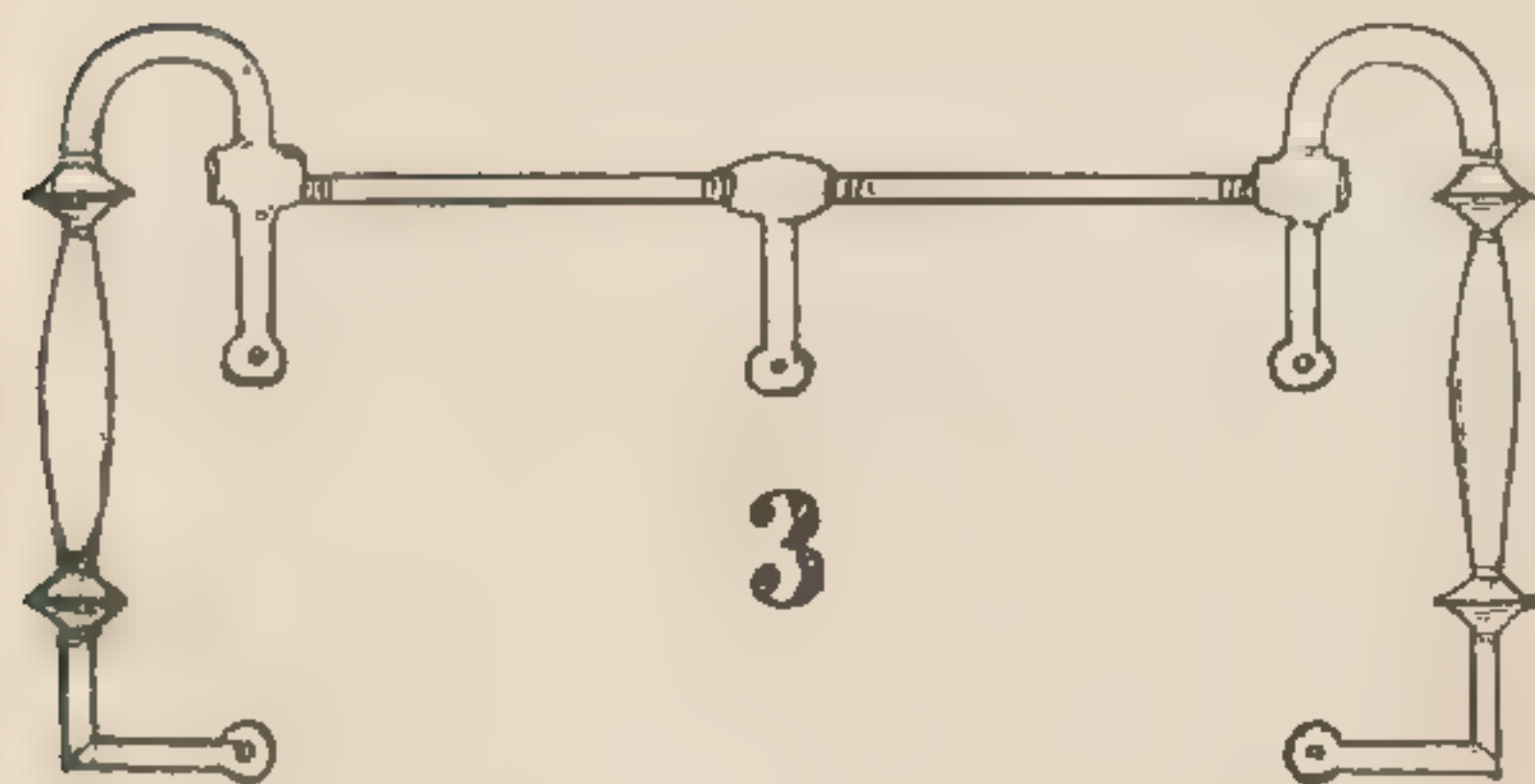
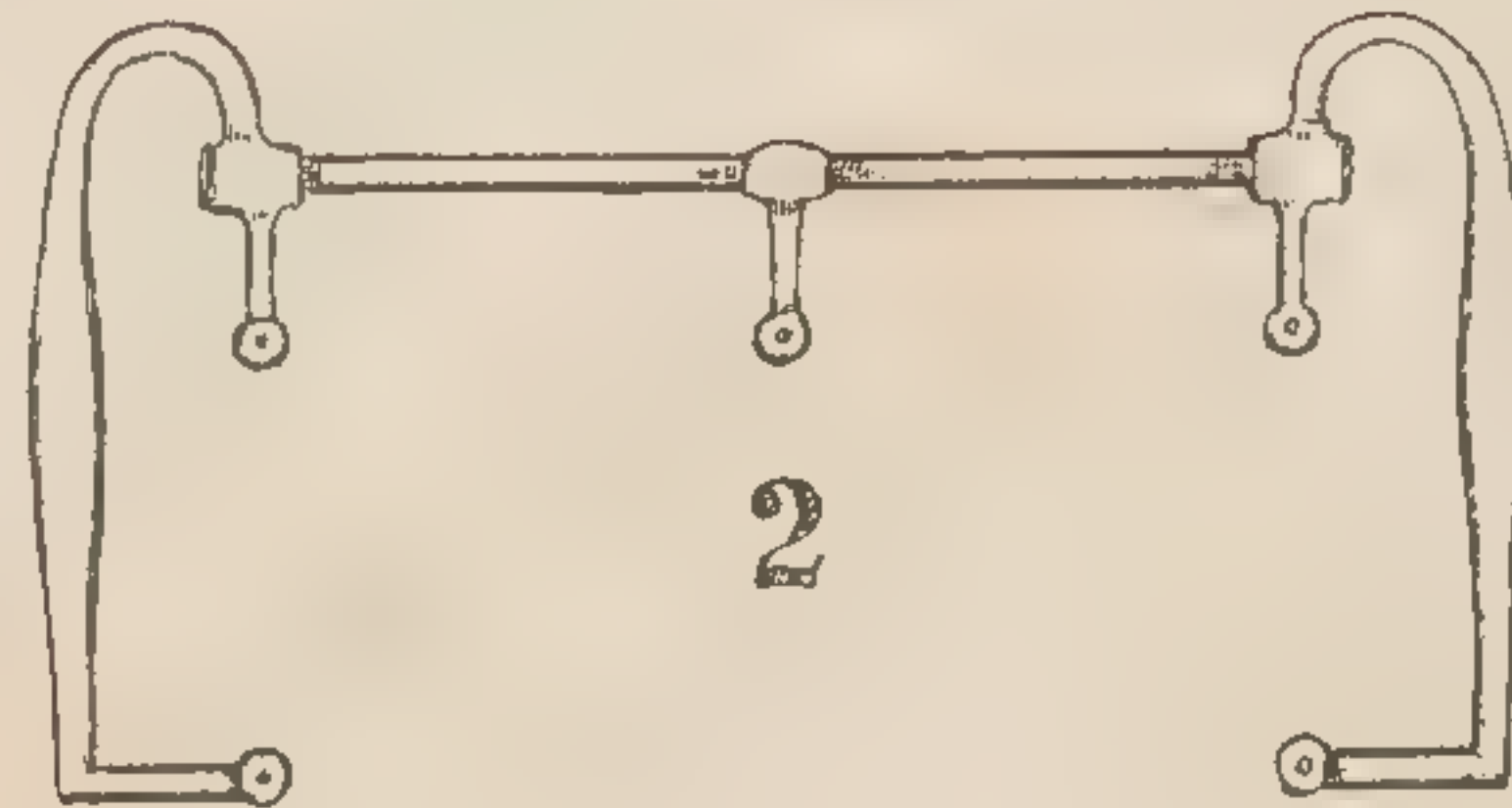
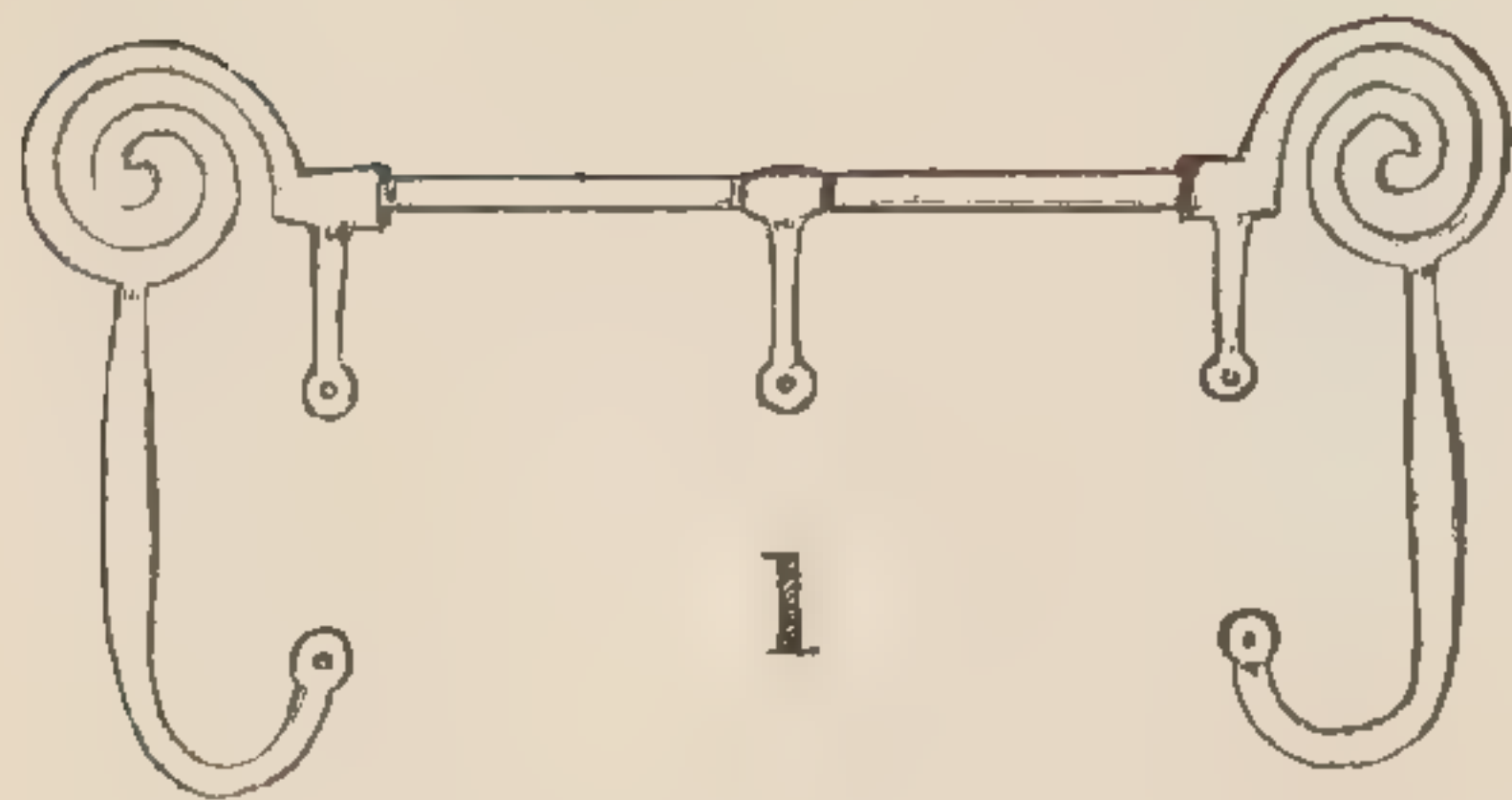
ACETYLENE
BUGGY LAMPS.
Japd., with Nickel Mountings.
Dia. of Glass, 4½ in.



No. 7.
WITH PLAIN BEVEL OR
BULL'S EYE GLASSES.

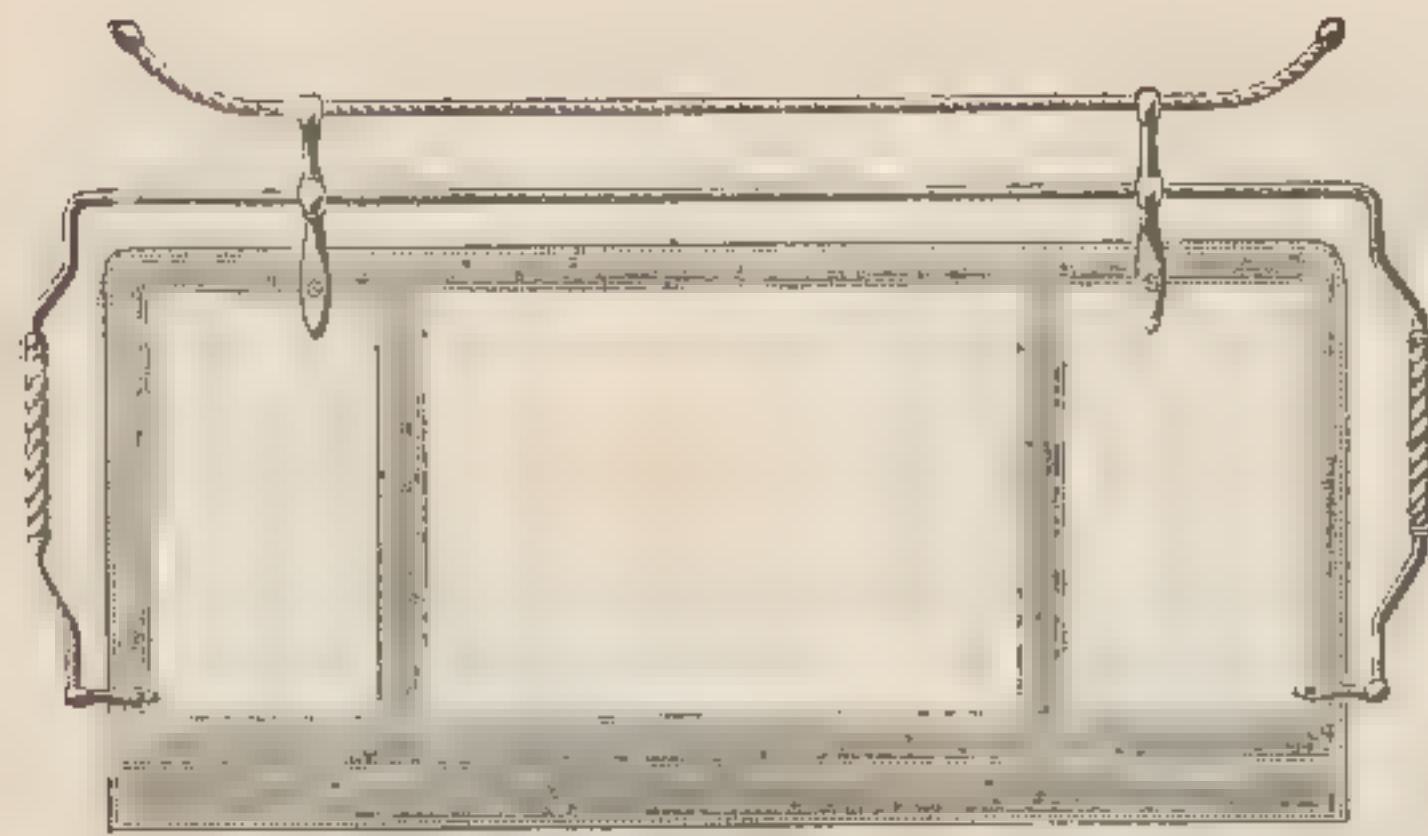
COCOA FIBRE, FLOCK, PIPING CORD, IN HEMP OR PAPER. KAPOK. CUSHION BUTTONS, Black, Claret, and Green. SADDLE NAILS. LINING NAILS, Japd. and Silver. ⁷¹⁰ SHELTON'S TACKS, from 2½ to 14oz. TUFTING TWINE. BRASS, SILVER, AND CANE BEADING, All Sizes. LEATHER DASHES WITH NICKEL BEAD, Straight or Curved, from 24 to 32 in. PRICE'S BEST ENGLISH CARRIAGE CANDLES, 6's, 8's, 10's, 12's. AMERICAN TRIMMING LEATHER, In All Colors. SOFT DASH HIDES. SOLE LEATHER, For Washers. AXLE GREASE, American and Colonial. RED SEAL AND PLYMEL HOOD DRESSING. MASURY'S AND DETROIT COACH PAINTS. HARLAND'S BEST ENGLISH VARNISH. DETROIT AMERICAN VARNISH.

Dash Rails.

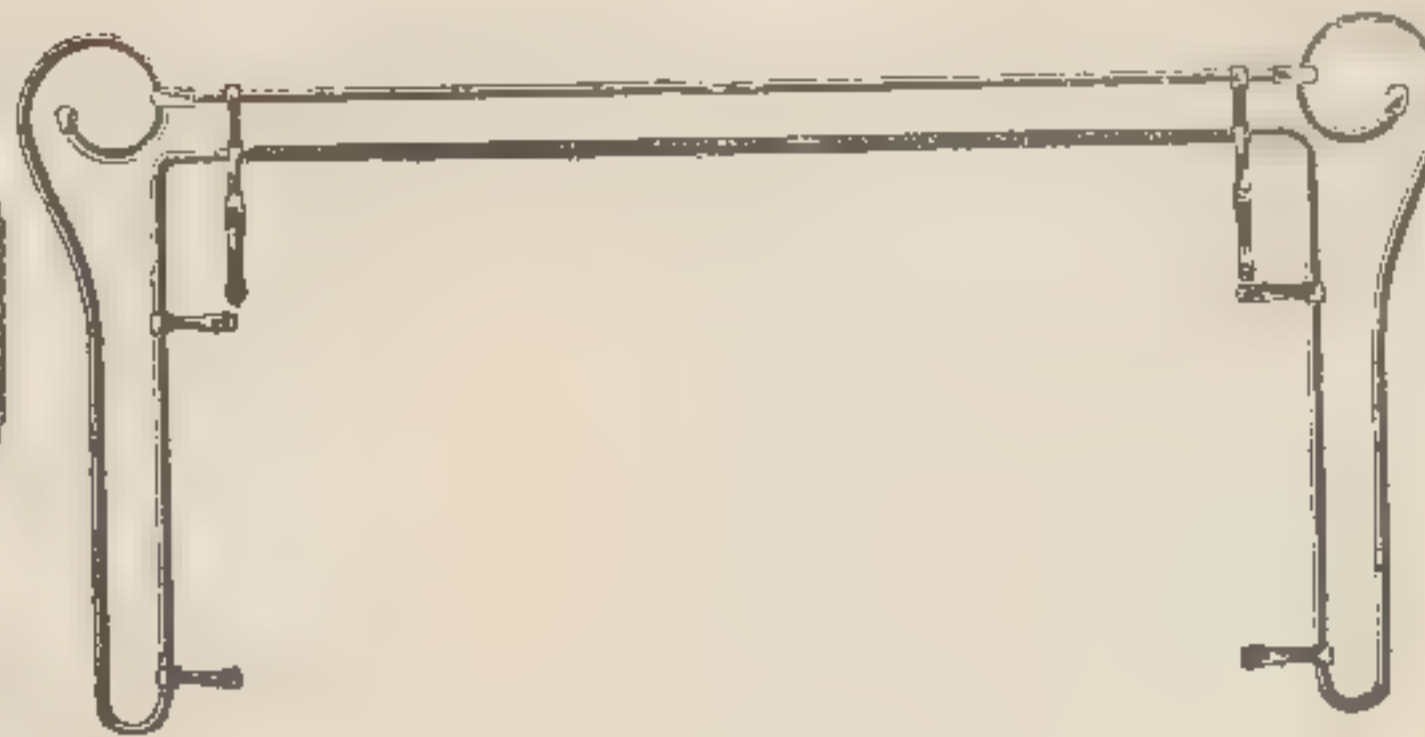


FOR WOOD DASHES, SOLID BRASS OR NICKEL PLATED ON BRASS, ADJUSTABLE.

Dash Rails—Continued.



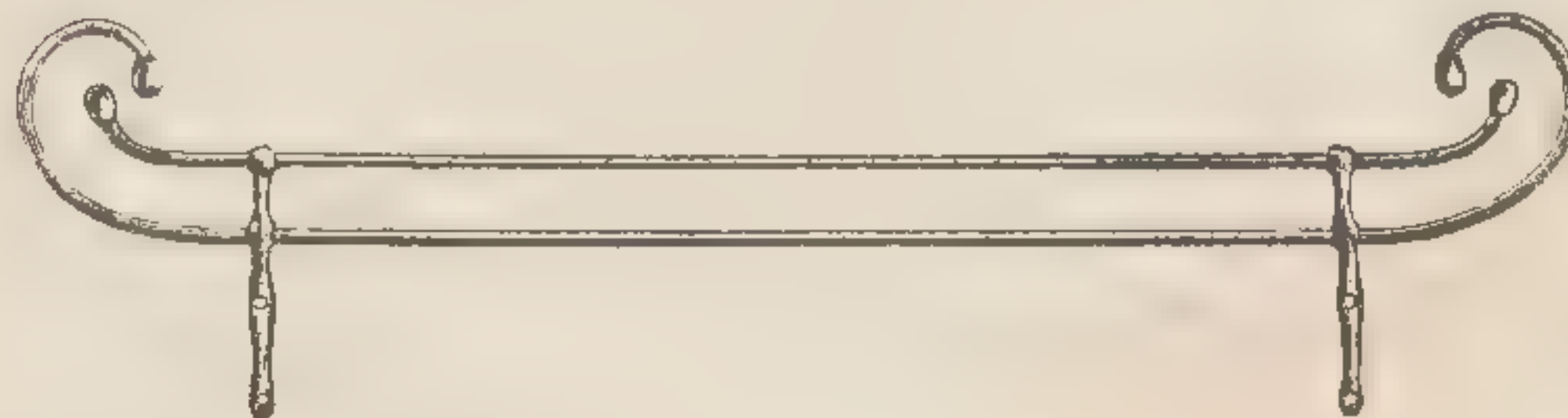
No. 13—5-16 in.
S.P. ON COMPOSITION.
For Wood or Leather Dashes.
Sizes, 22 to 30 in.



No. 14—5-16 in.
S.P. ON COMPOSITION.
For Wood or Leather Dash.
Sizes, 22 to 30 in.



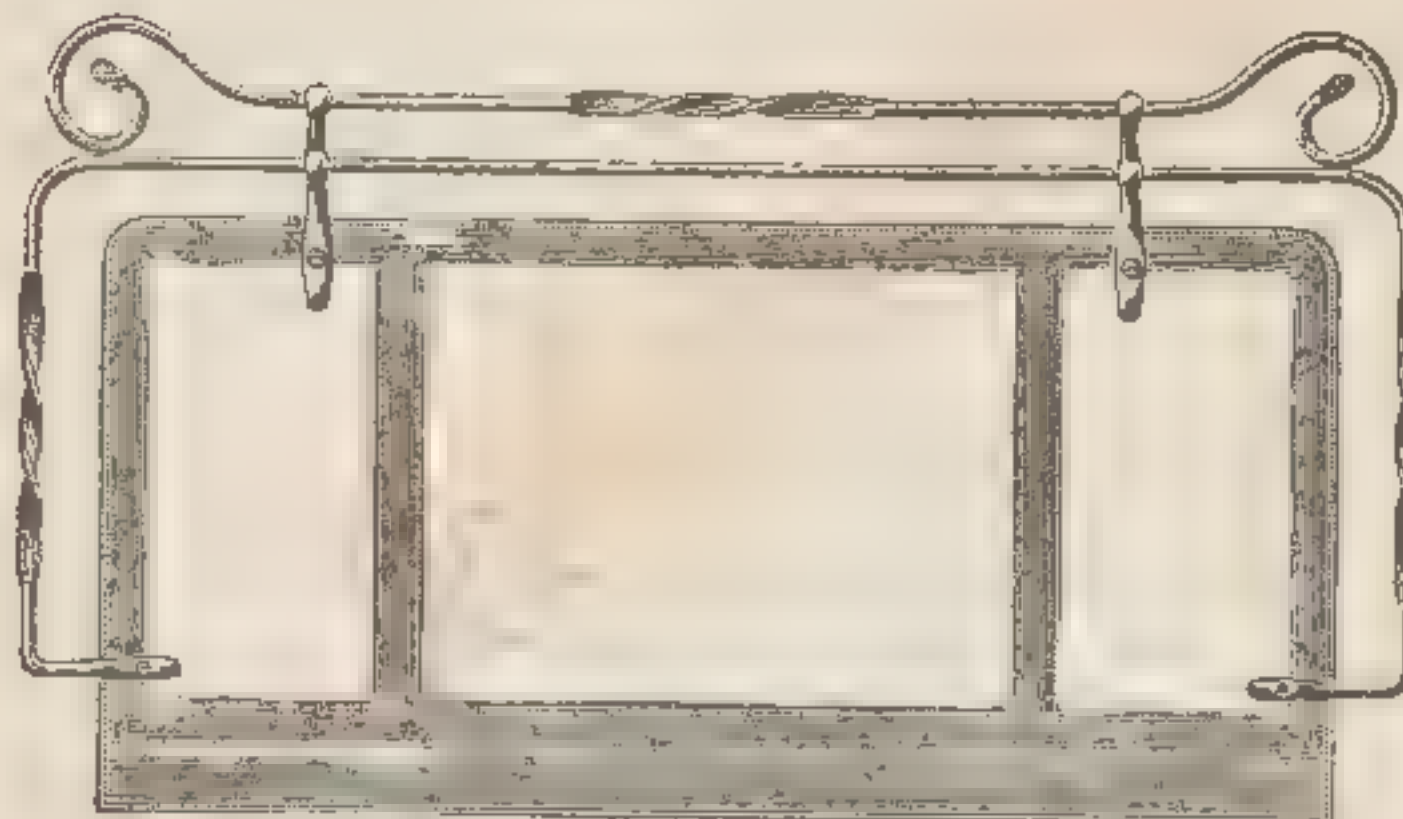
No. 15—5-16 in.
S.P. ON COMPOSITION.
For Wood or Leather Dash.
Sizes, 22 to 30 in.



No. 16—5-16 in.
S.P. ON COMPOSITION.
For Wood Dash only.
Sizes, 20 in. to 24 in.



No. 17—5-16 in.
S.P. ON COMPOSITION.
For Wood Dash only.
Sizes, 22 and 24 in.

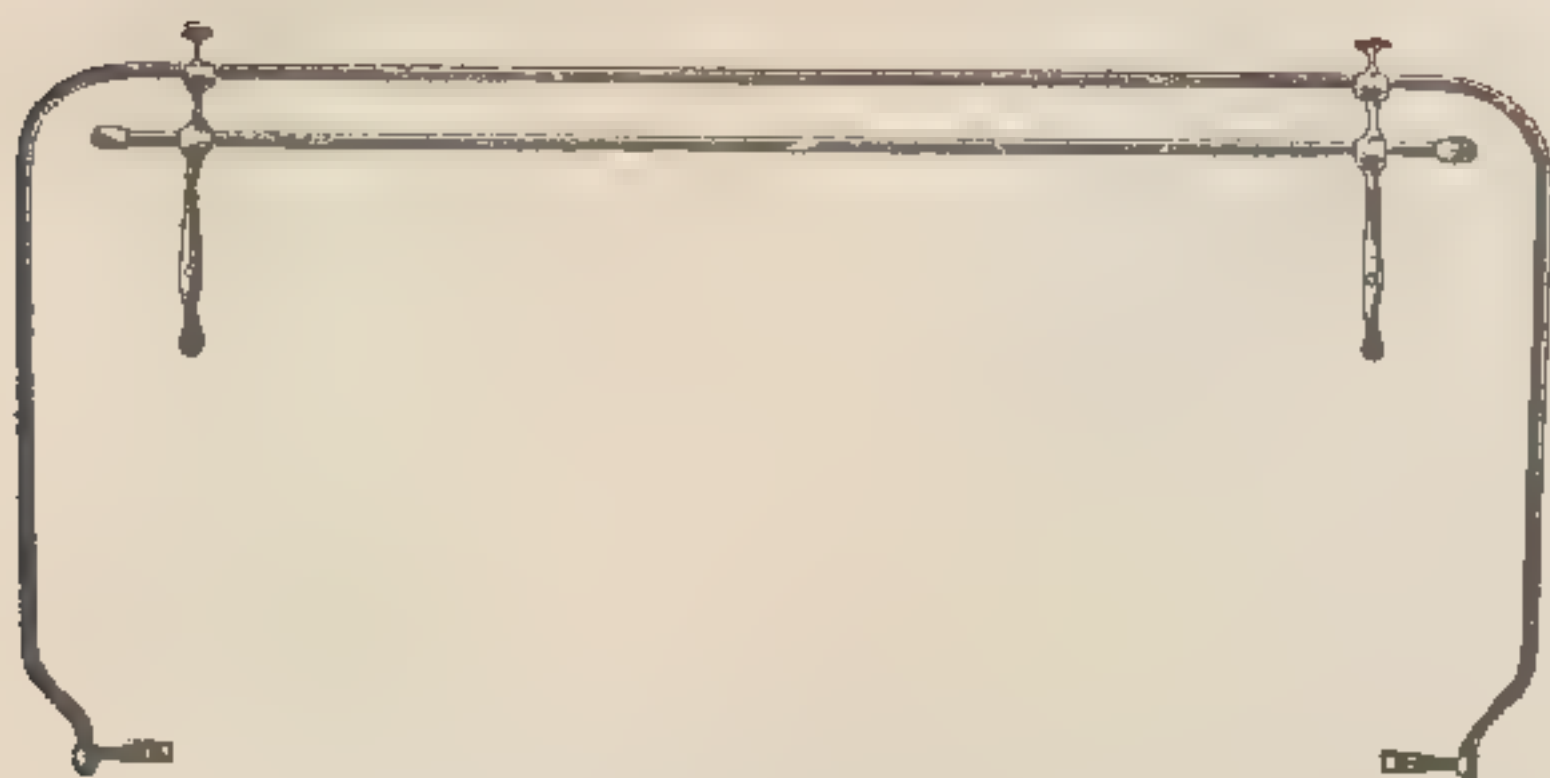


No. 18—5-16 in.
S.P. ON COMPOSITION.
For Wood on Leather Dash.
Sizes, 22 to 30 in.



No. 19—5-16 in.
S.P. ON COMPOSITION.
For Wood or Leather Dash.
Sizes, 22 to 30 in.

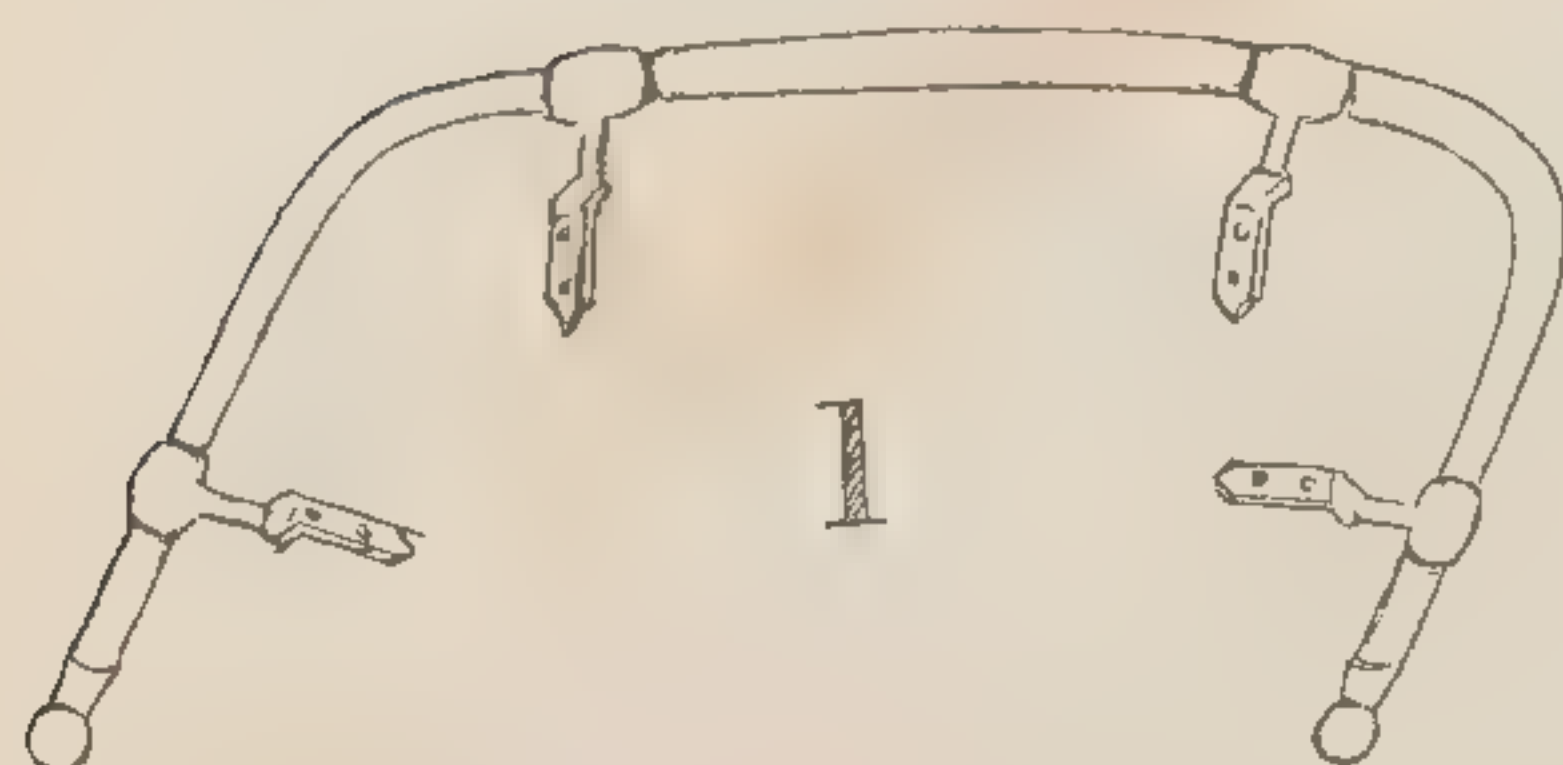
Dash and Seat Rails.



No. 9.—5-16 in.
S.P. ON COMPOSITION.
For Wood Dash.
Sizes, 22 in., 24 in.



No. 11. —5-16 in.
S.P. ON COMPOSITION.
For Wood Dash.
Sizes, 22 in., 24 in.



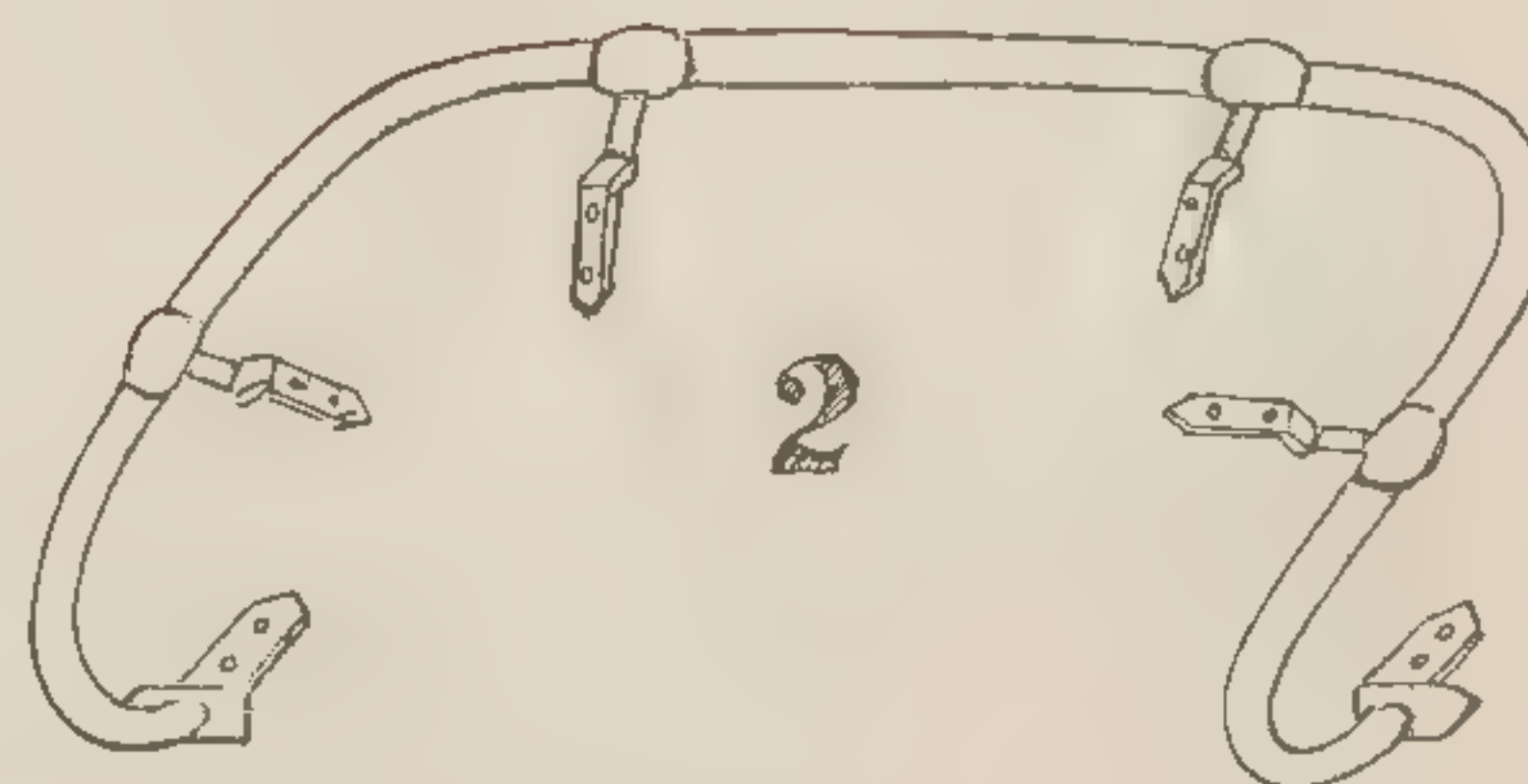
S.P. OR BRASS SEAT RAIL.
For Sporting Sulky, $\frac{5}{8}$ and $\frac{3}{4}$ inch.



No. 10.—5-16 in.
S.P. ON COMPOSITION.
Sizes, 18, 20, 22, 24 inch.
For Wood Dash only.

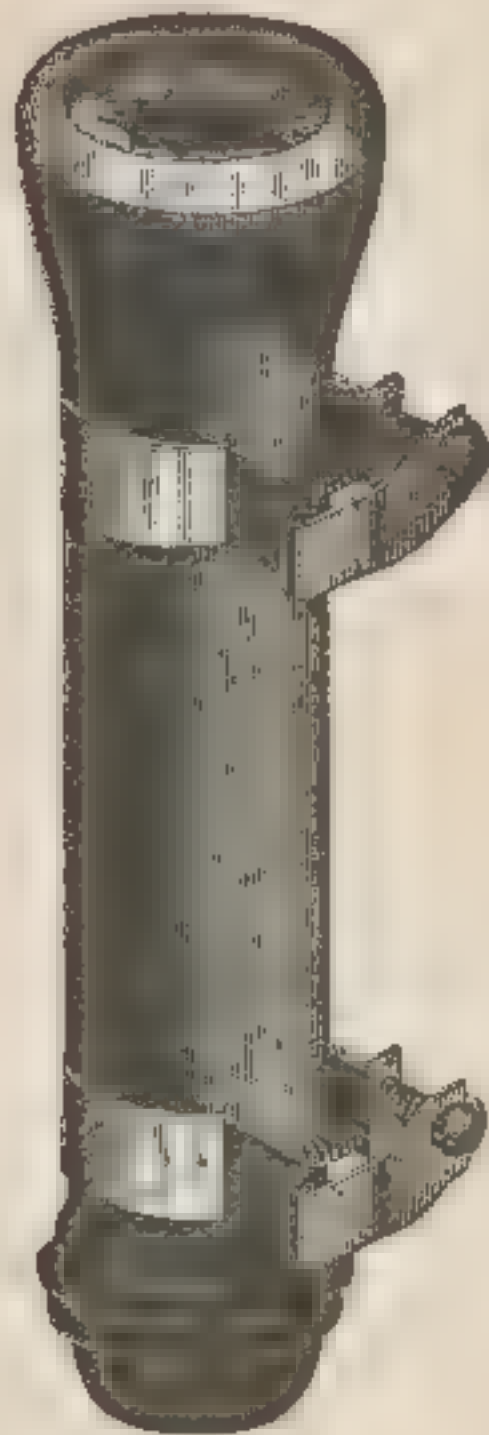


No. 12. — $\frac{3}{8}$ in.
S.P. ON COMPOSITION.
For Wood Dash.
Sizes, 22 in., 24 in.



S.P. OR BRASS SEAT RAIL.
For Spindle Seat, $\frac{5}{8}$ and $\frac{3}{4}$ in.

Whip Sockets.



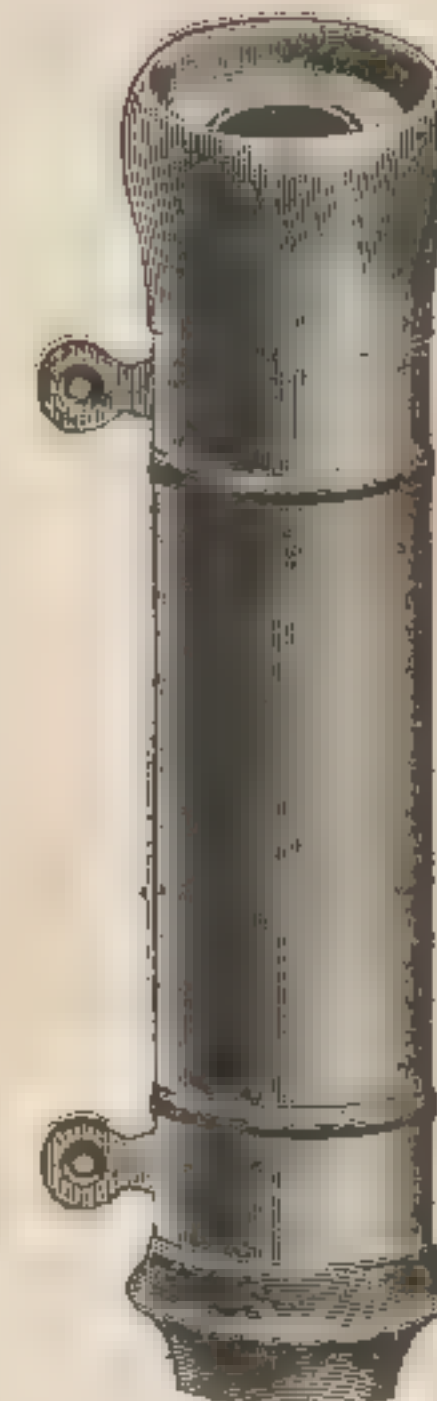
No. 1.
BLACK WOOD WITH S.P. BANDS
AND CAP FOR LEATHER DASH.



No. 2.
VARNISHED OAK WITH S.P.
OR BRASS BANDS, FOR
WOOD DASH.



No. 3.
WITH STEM TO SCREW ON
OR AGAINST SHAFT.
S.P. OR BRASS MOUNTED.



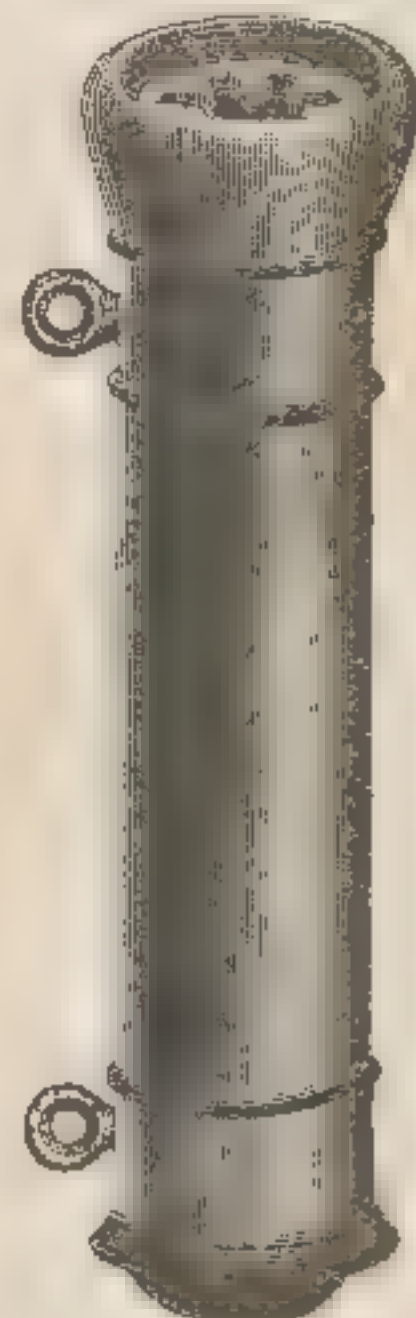
No. 4.
JAPANNED WITH S.P. BANDS.



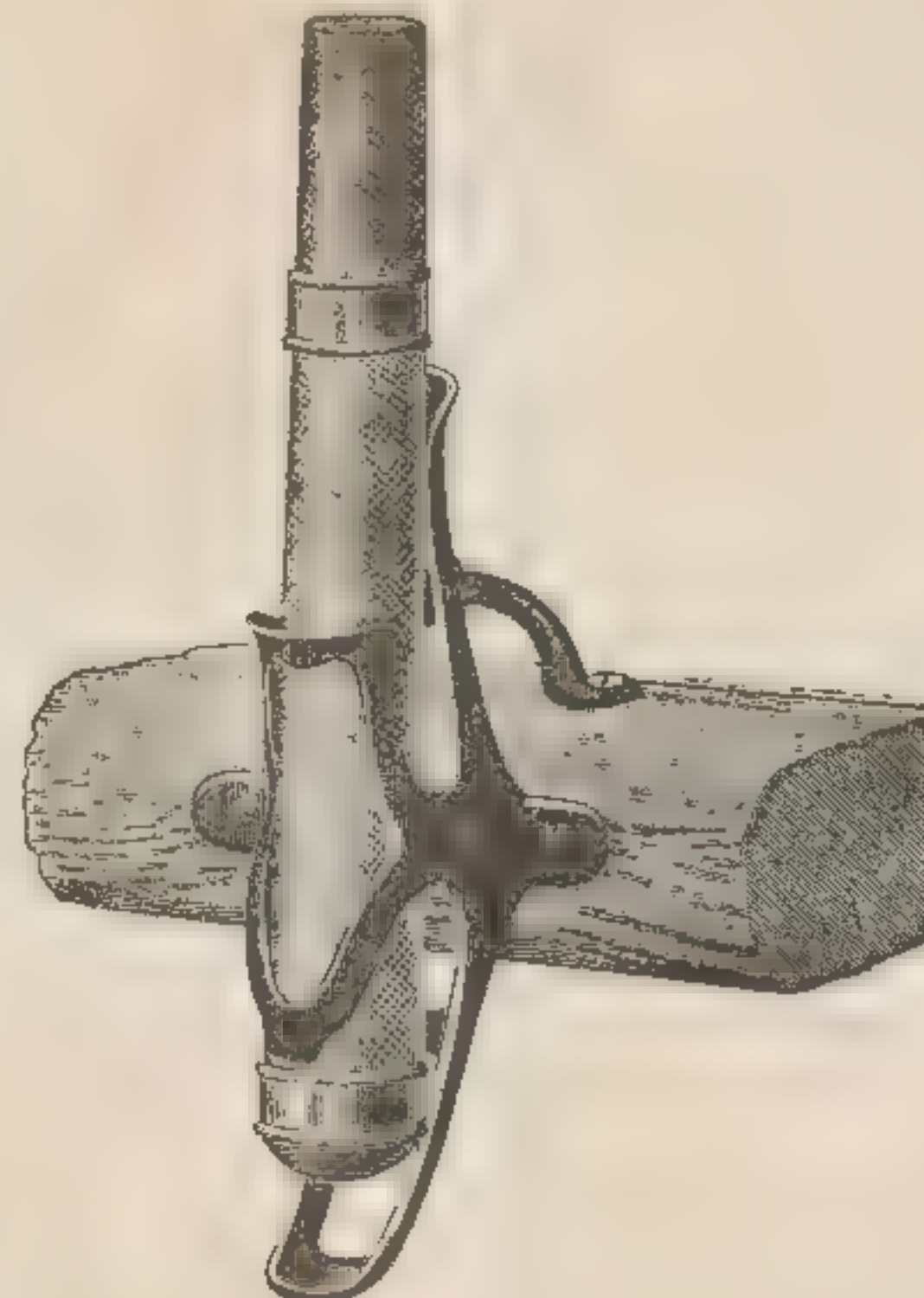
No. 5.
JAPANNED, BRASS, OR S.P.,
FOR WOOD DASH.



No. 6.
JAPANNED, BRASS, OR S.P.,
FOR LEATHER DASH.



No. 7.
PLAIN JAPANNED, FOR
WOOD DASH.



No. 8.
JAPANNED SKELETON, FOR SHAFT.

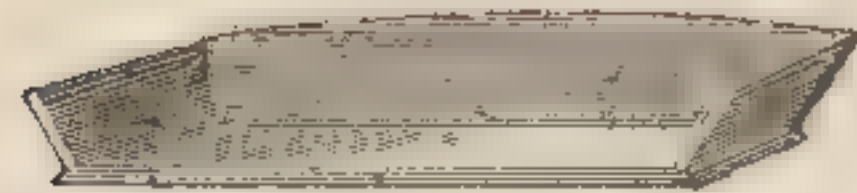


No. 9.
JAPANNED SKELETON,
FOR WOOD DASH.



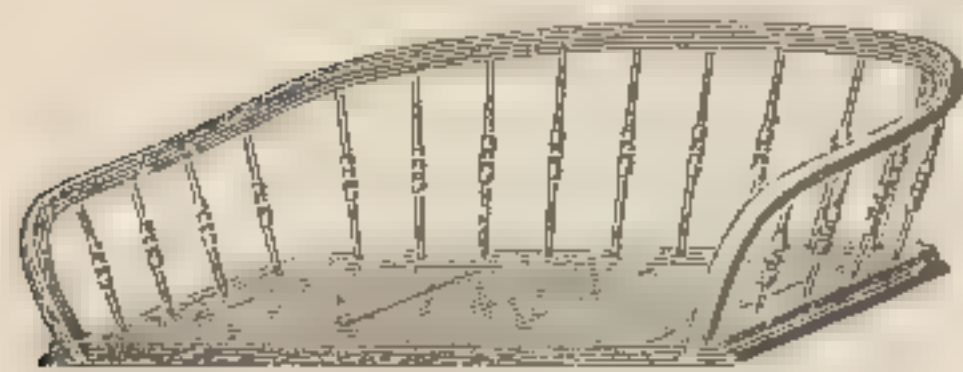
No. 10.
JAPANNED SKELETON,
FOR WOOD DASH.

Wheels and Seats.



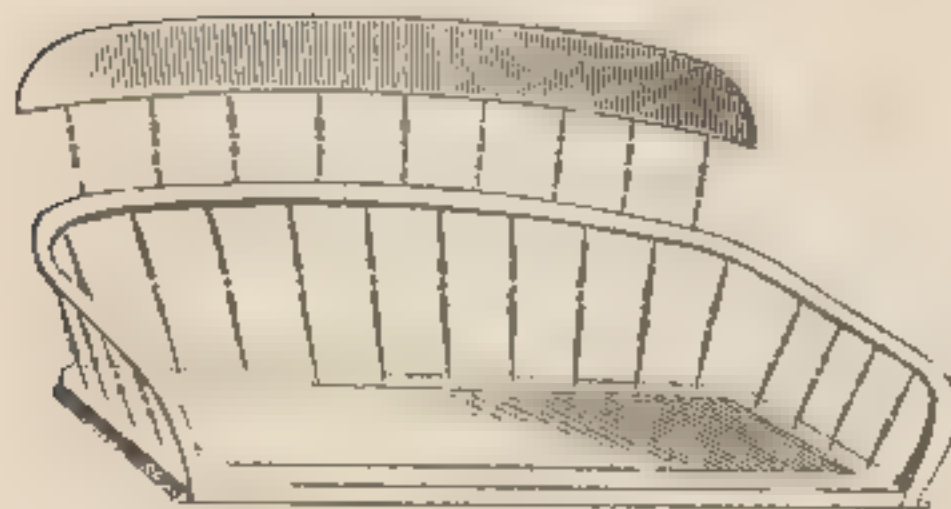
PANEL SEAT.

All Patterns and Sizes.
No. 17.



LOW BACK SPINDLE SEAT.

36, 38, 40 inch.
No. 18.



HIGH BACK SPINDLE SEAT.

36, 38, 40 inch.
No. 19.

SEATS.

SEAT No. 17.—

We supply in Pine, Silky Oak, or Walnut, with Squab Backs, of same Timbers.

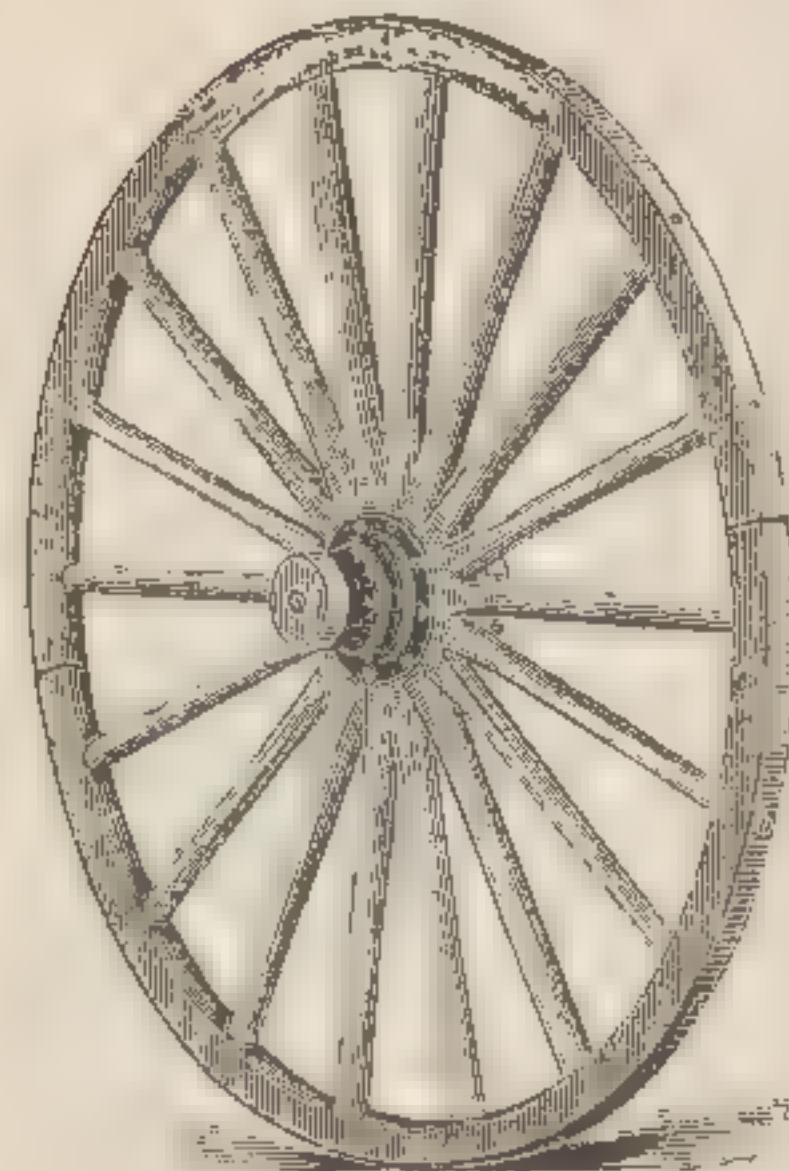
SEAT Nos. 20 and 23.—

We supply with Ash, Blackwood, Cedar, Pine, Silky Oak, or Walnut, Squab Backs.

**ABBOT SEATS AND OTHER DESIGNS
(MADE TO ORDER).**

Sulky Wing Boards, Plain, or Carved, Imitation Leather, 6 in., 6½ in. or 7 in. wide.

**SUPPLIED IN CEDAR, PINE, SILKY OAK,
OR WALNUT.**

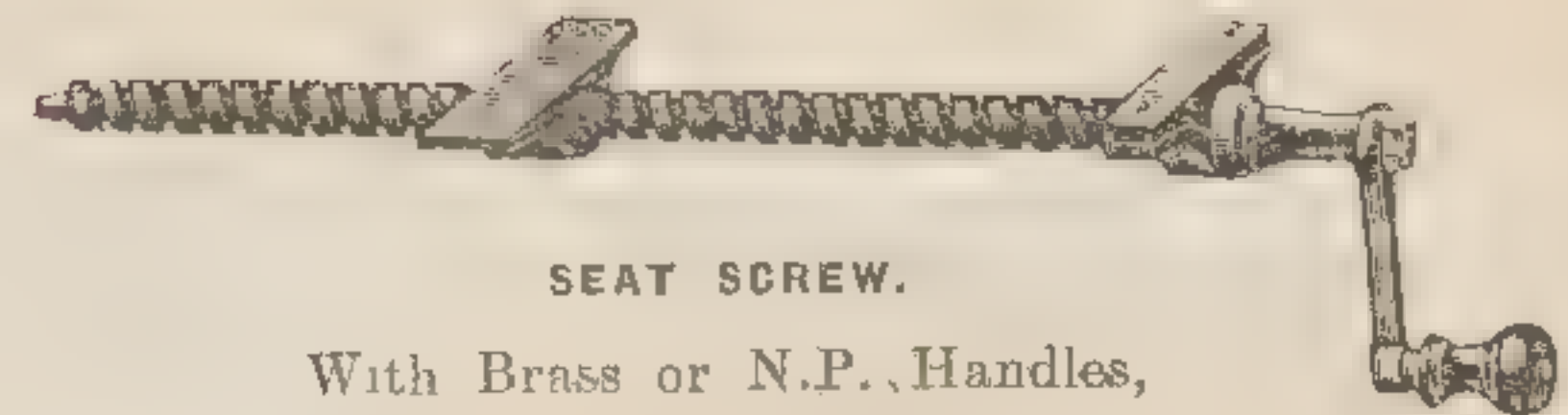


WOOD HUB WHEELS, made to order in Colonial or American Timbers
WHEEL TIRED, Boxed and Painted if required.

NOTE.—When ordering Sarven Wheels, state Diameter of Spoke at Hub, and Height of Wheel overall without tire. It should be noted that in American Buggy and Sulky Wheels the width of tire is usually an eighth of an inch less than the diam. of Spoke. For Colonial Spring Cart or Dray wheels, give height overall, size of spoke, width and depth of felloe (or rim), and diameter and length of nave.

SARVEN WHEEL.

	1½.	1¾.	1½.	1¾.	1½.	1¾.	2 inch.
Qualities.	A.	B.	C.	D.			
In Sets.	3 ft. 8 in.	and 4 ft. 2 in.	3 ft. 6 in.	and 4 ft.			
In Pairs.	3 ft., 3 ft. 2 in., 3 ft. 4 in., 3 ft. 6 in., 3 ft. 8 in., 3 ft. 10 in.						
	4 ft., 4 ft. 2 in., 4 ft. 4 in., 4 ft. 6 in., 4 ft. 8 in., 4 ft. 10 in.						

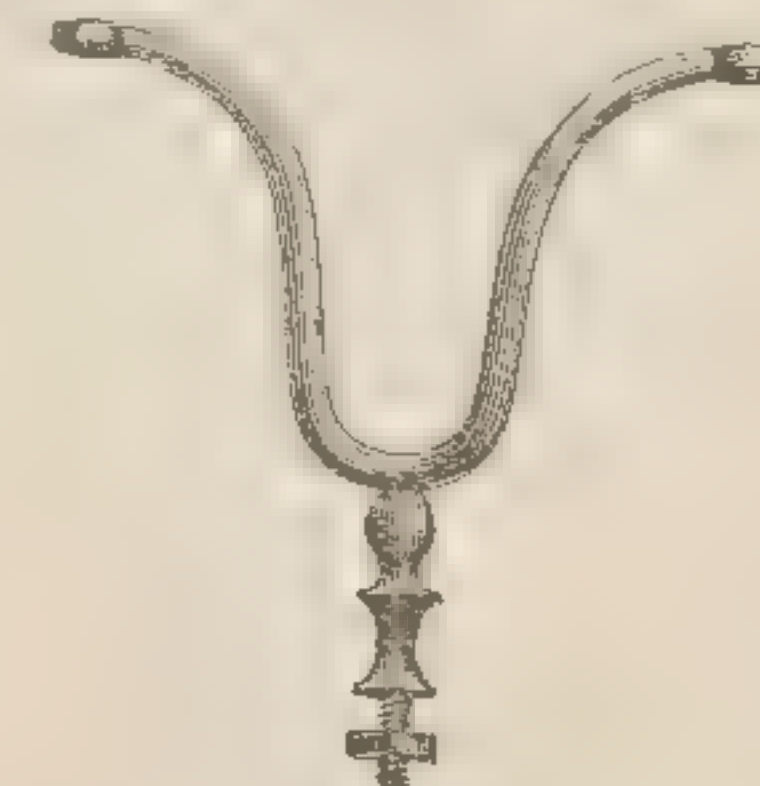


SEAT SCREW.

With Brass or N.P. Handles,
either fixed or to fall down.

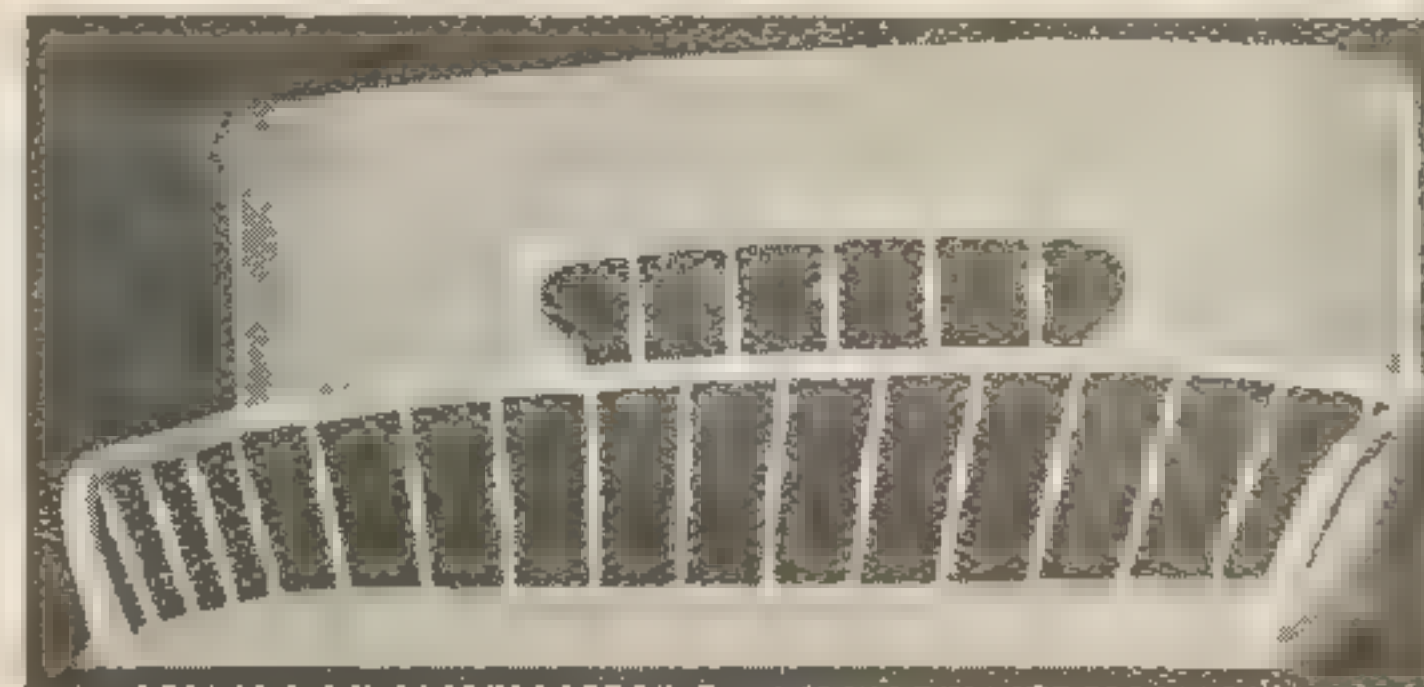


SPRING CUSHION FRAMES. All Sizes.



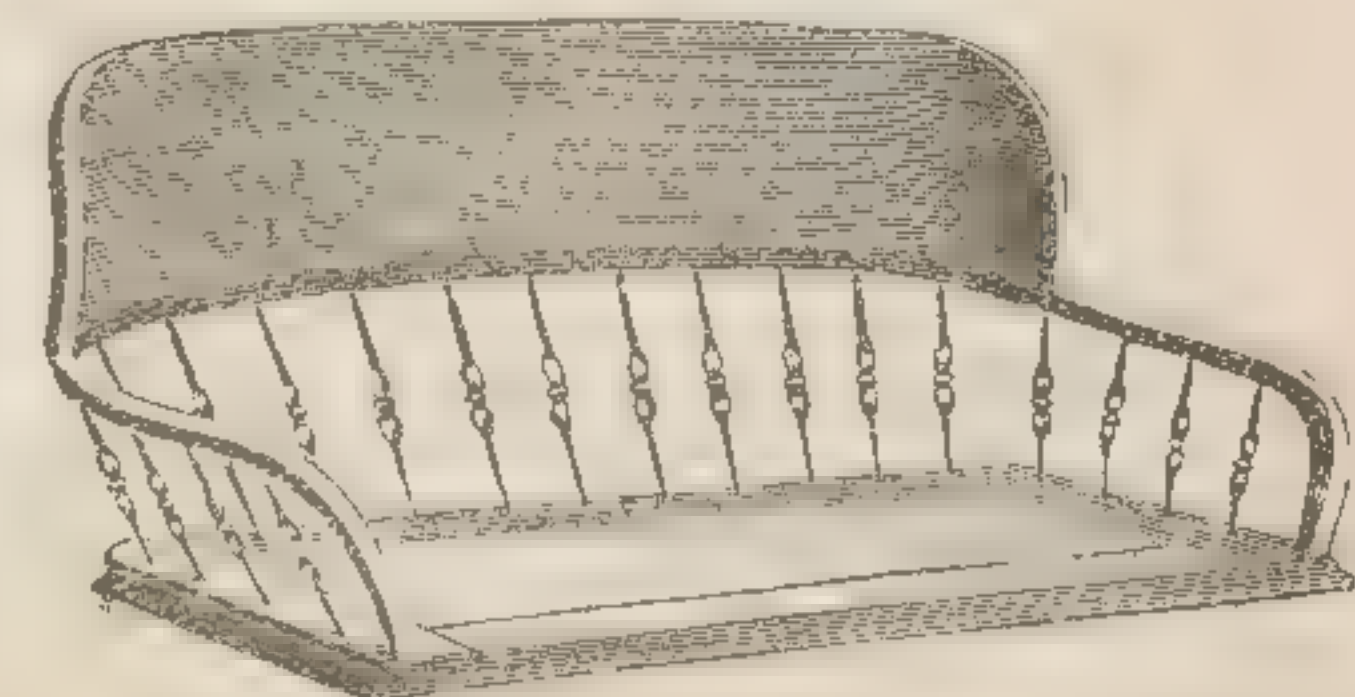
LAZY BACK STAY.

Japanned, Nickel Plated, or Brass.



OPEN SQUAB BACK SPINDLE SEAT.

No. 23.



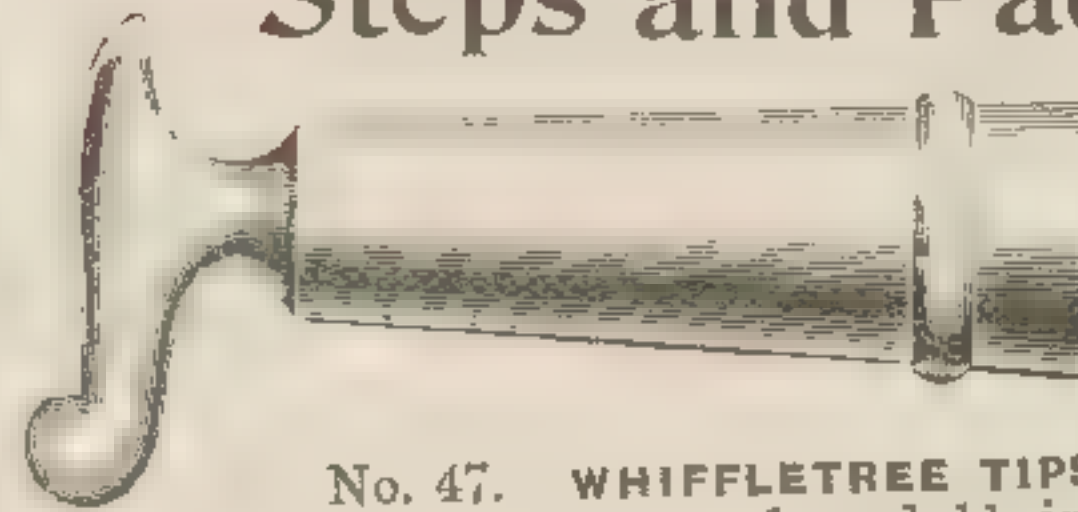
SQUAB BACK SPINDLE SEAT.

No. 20.

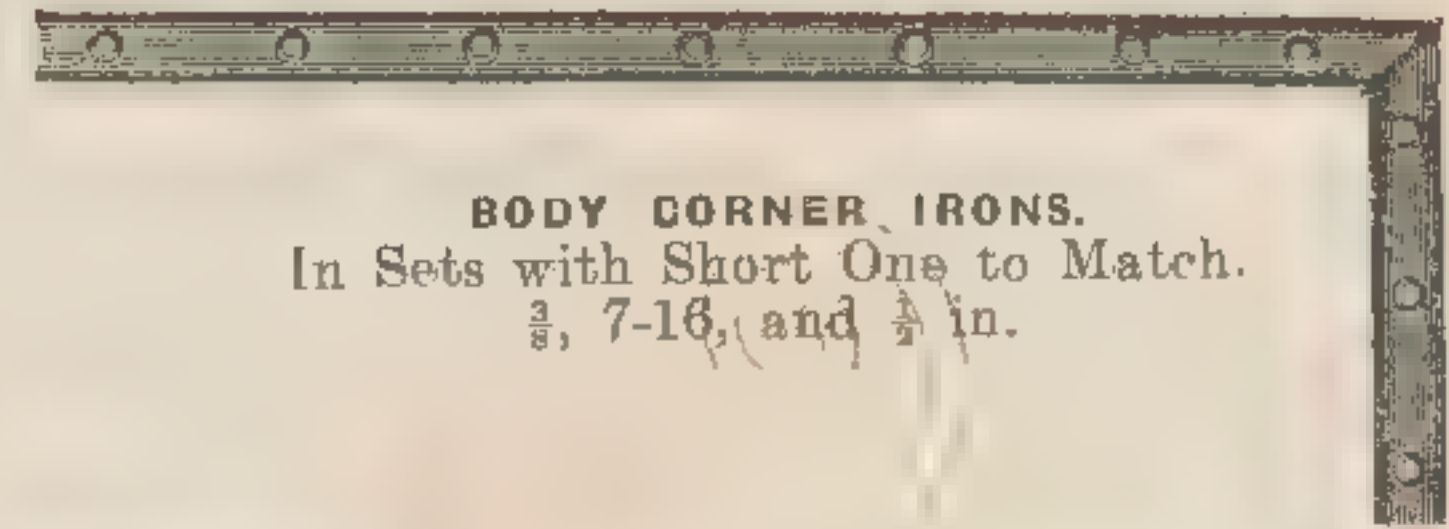
Steps and Pads, Etc.



No. 45. WHIFFLETREE TIPS.
N.P. or Brass. 1 and $1\frac{1}{8}$ in.



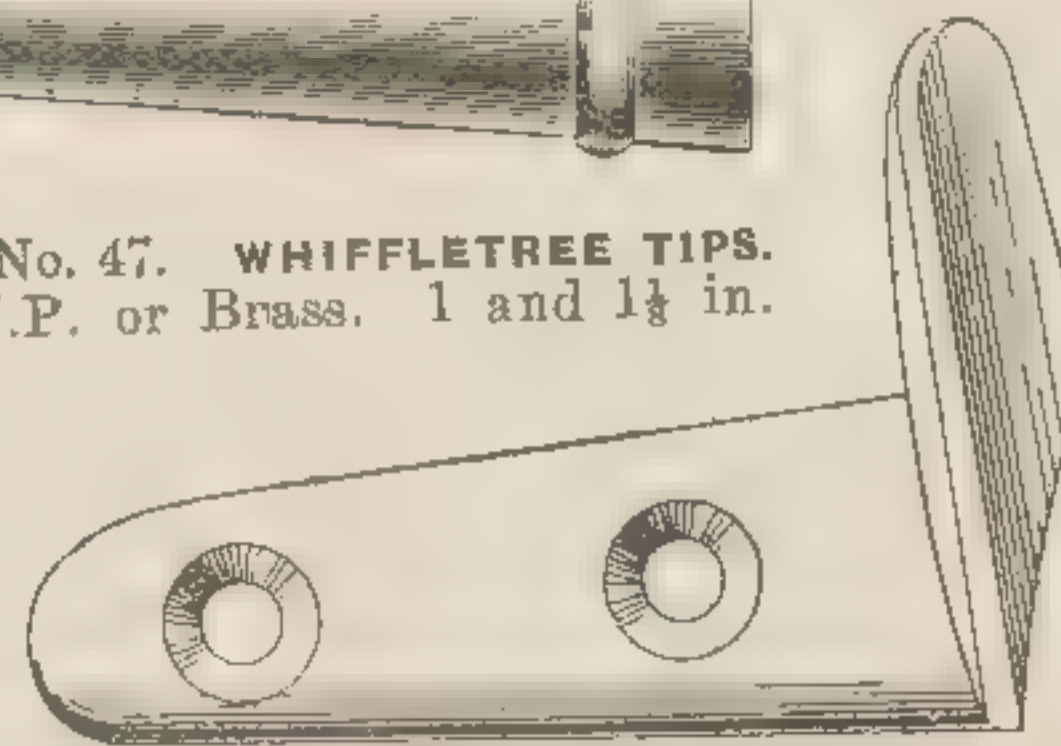
No. 47. WHIFFLETREE TIPS.
N.P. or Brass. 1 and $1\frac{1}{8}$ in.



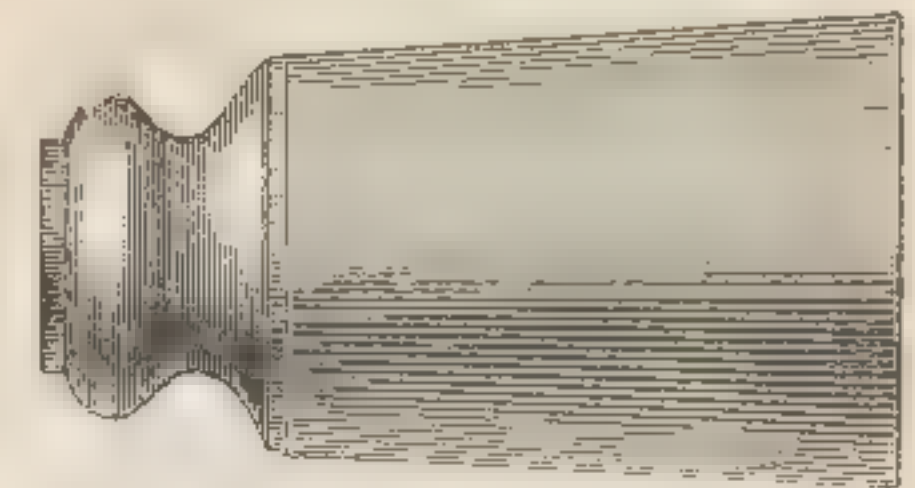
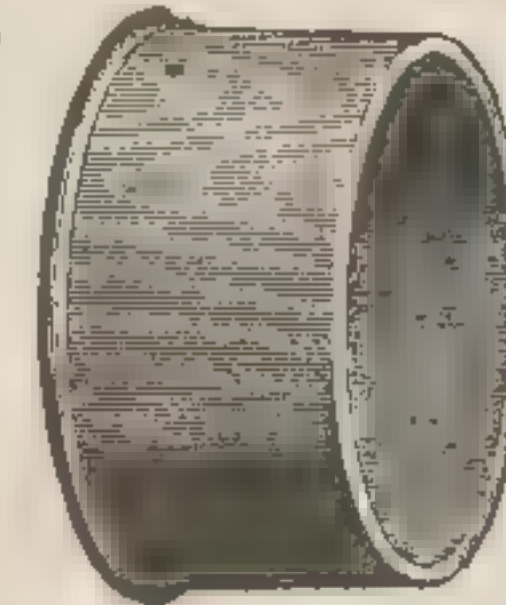
BODY CORNER IRONS.
In Sets with Short One to Match.
 $\frac{3}{8}$, 7-16, and $\frac{1}{2}$ in.



No. 8. WHIFFLETREE TIP.
N.P. or Brass. 1 and $1\frac{1}{8}$ in.
Also Octagon.



SHAFT TUG STOP.
Japanned, Brass, Silver-plated,
or Solid Nickel.



SHAFT TIP.
Solid Nickel, Japanned,
Brass, or Silver-plated.
 $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ inch.

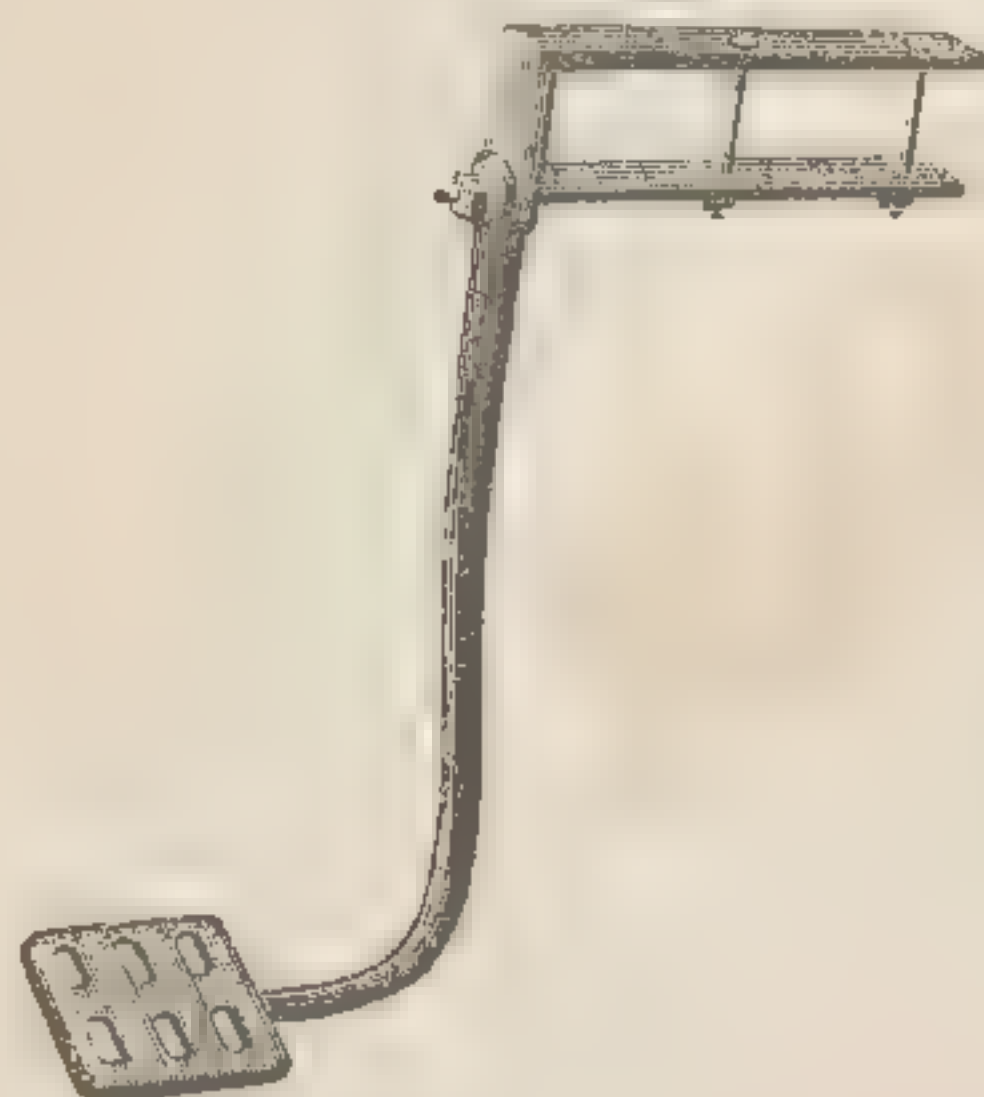


SHAFT STAPLE. $1\frac{1}{2}$ in.
Japanned, Brass, or Silver-plated, Solid
Nickel, Single or Double.

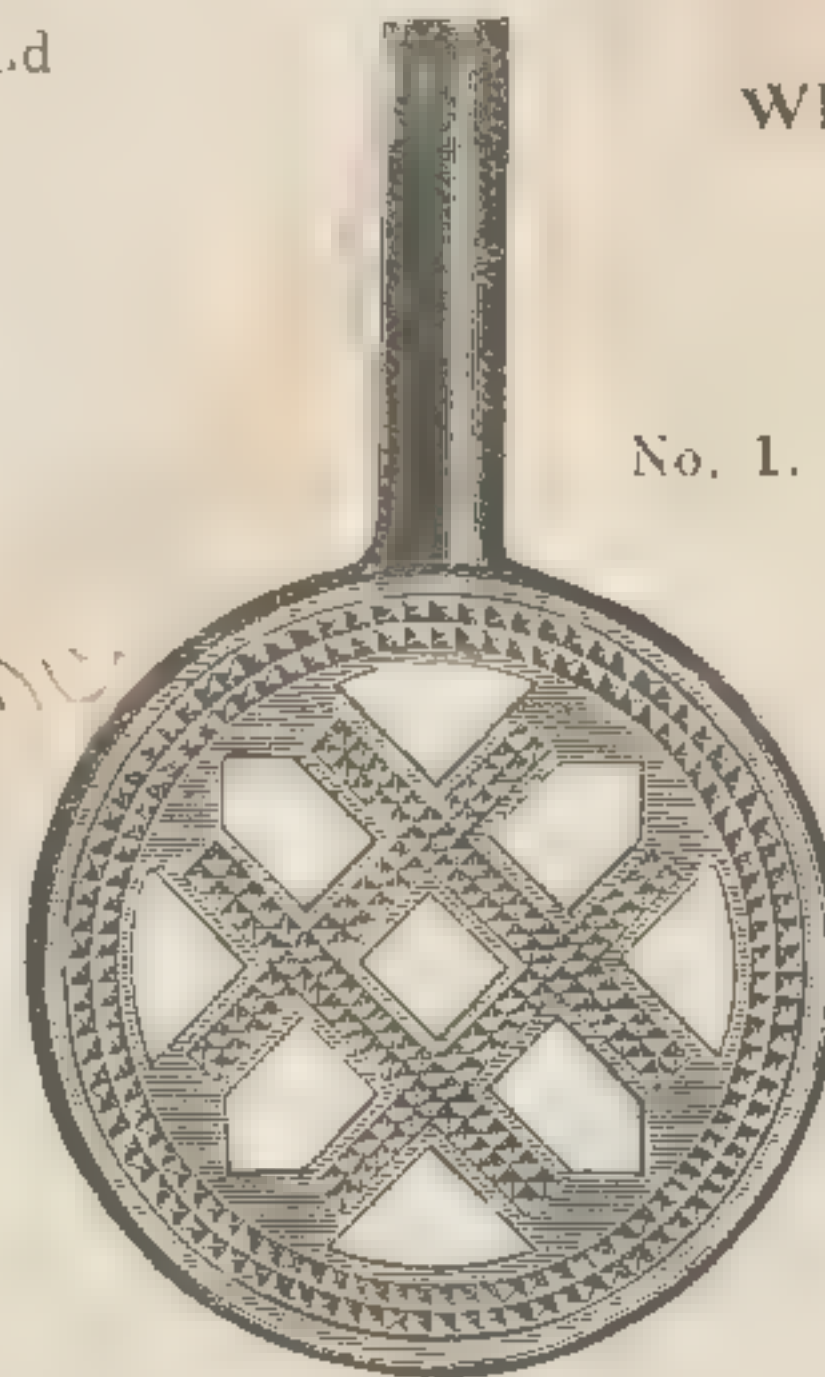
RIM BAND.					
Silvered	$1\frac{1}{2}$ in.	deep	x	$2\frac{1}{2}$ to	$4\frac{1}{2}$ in. d.a.
"	2 "	"	"	"	"
Brass	$1\frac{1}{2}$ "	"	"	"	"
Malleable	"	"	"	"	"

WROUGHT STEP

PADS.

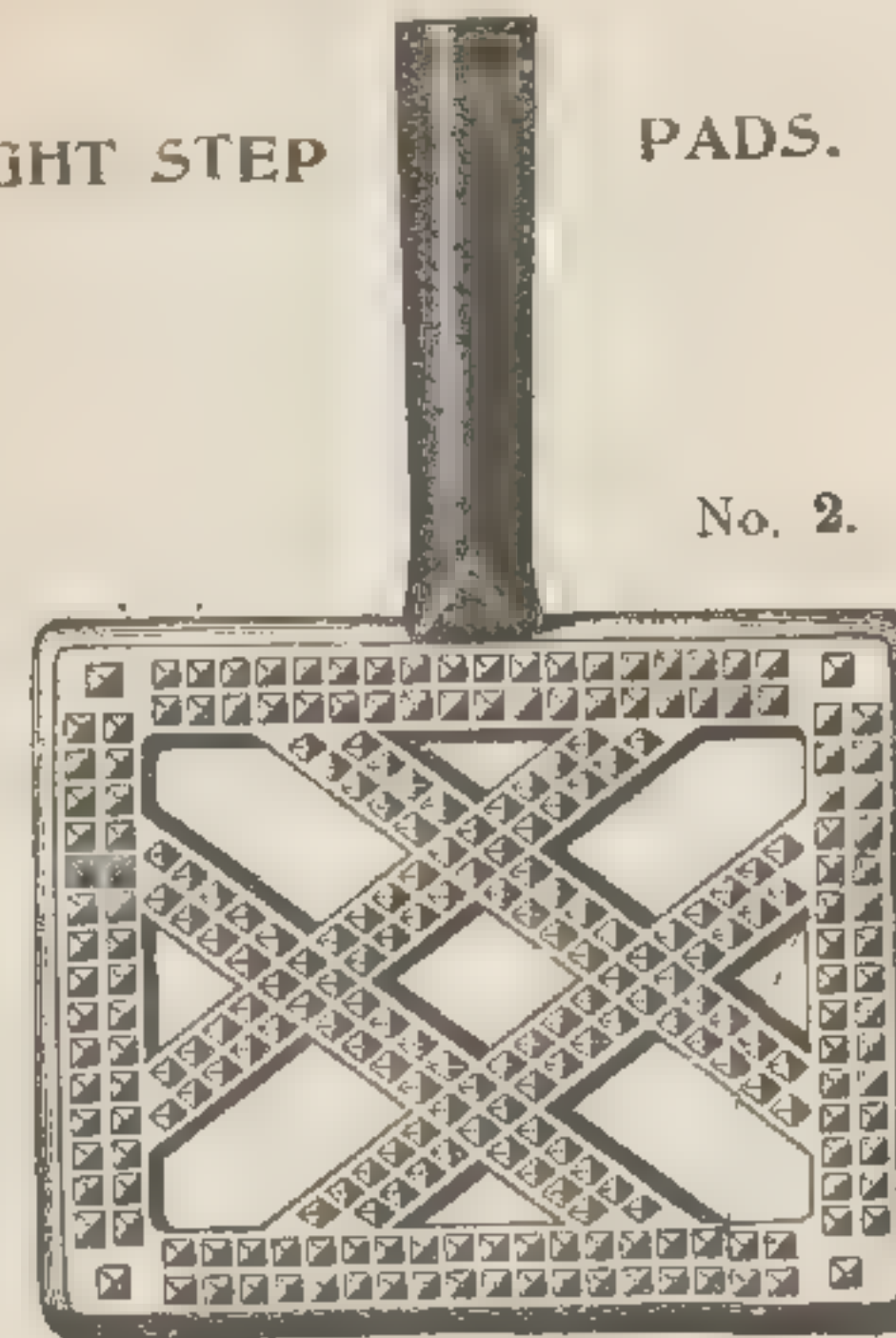


SPRING CART STEP



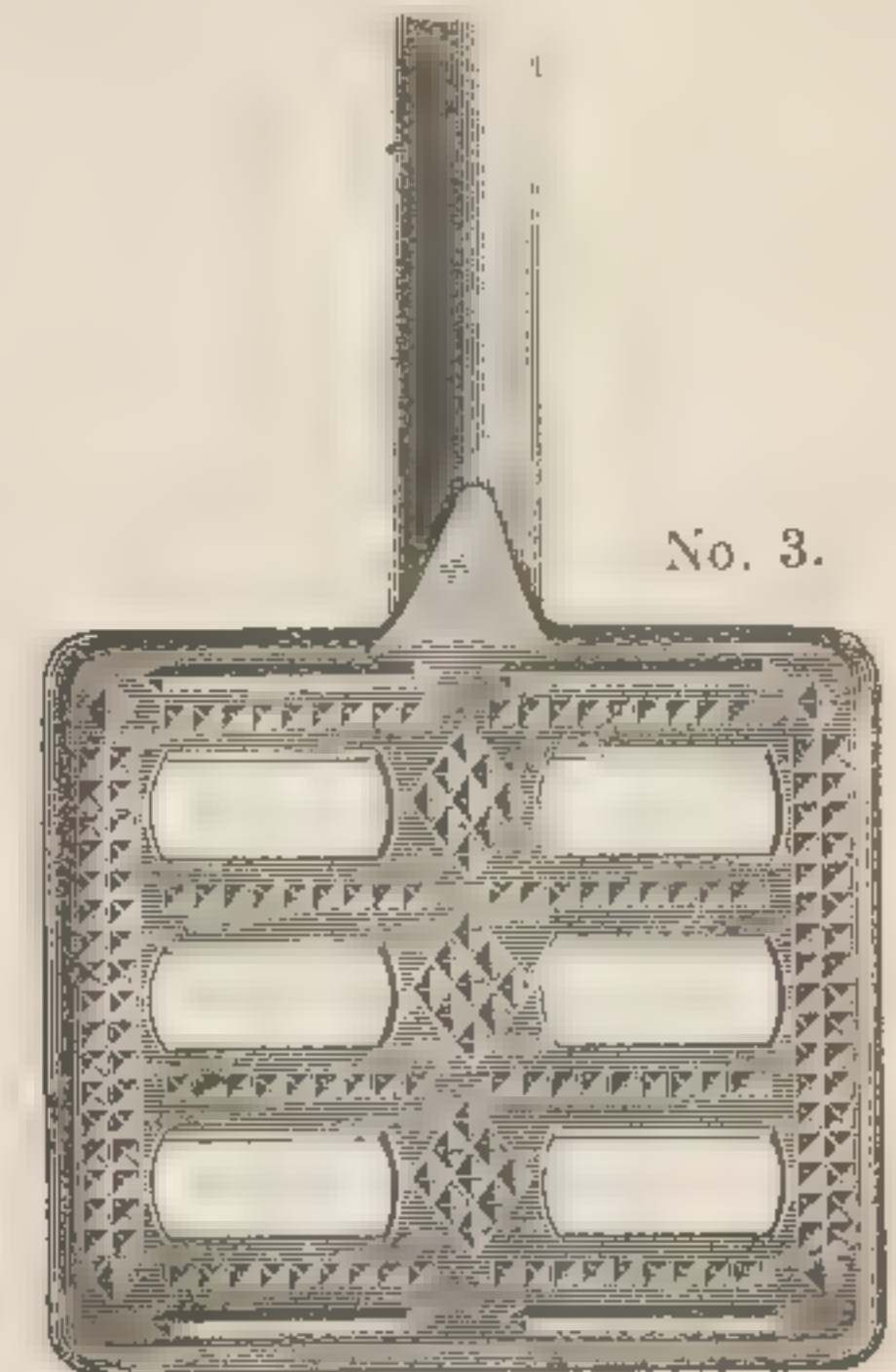
No. 1.

Sizes $4\frac{1}{2}$, $4\frac{1}{2}$, 5, $5\frac{1}{2}$ in.
Diameter.



No. 2.

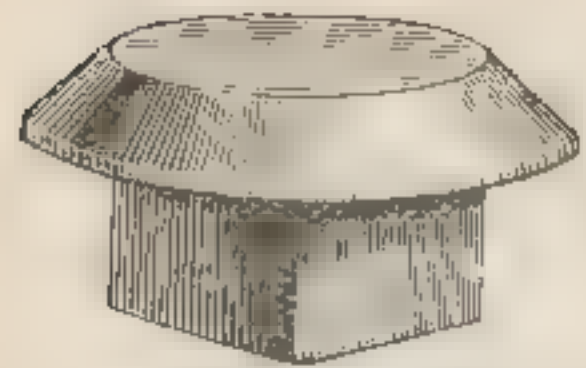
Sizes $3\frac{1}{2}$ x 4, 5 x 4,
 $5\frac{1}{2}$ x $4\frac{1}{2}$ in



No. 3.

Sizes $3\frac{1}{2}$ x 4, 5 x 4,
 $5\frac{1}{2}$ x $4\frac{1}{2}$ in

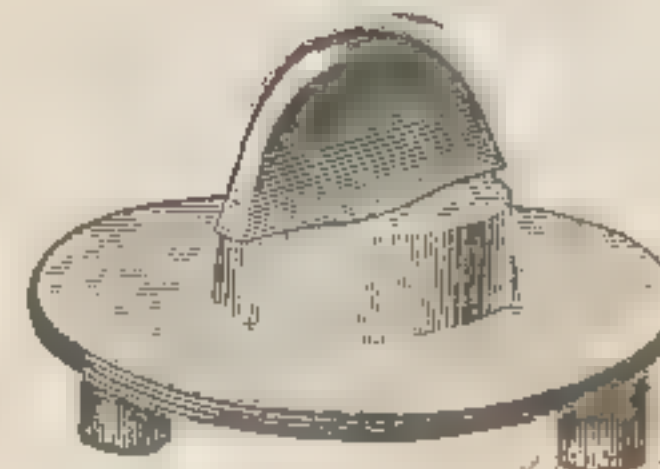
Coach Sundries.



HOOD NUT. 7-16 inch
Japanned, Silver-plated, or Brass.



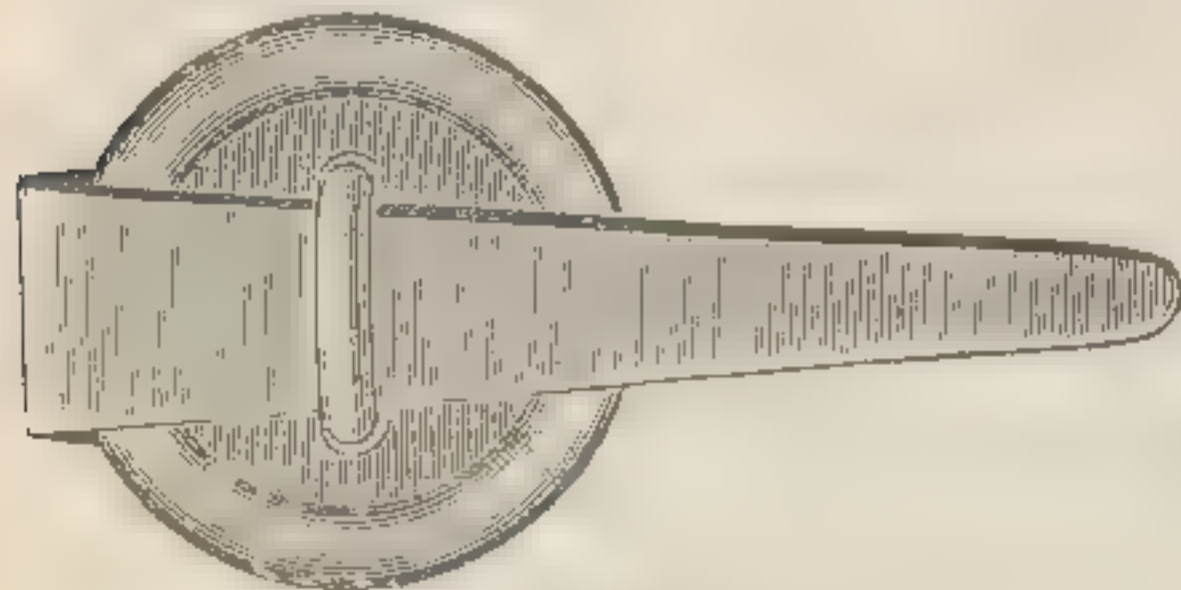
BUGGY SHAFT ENDS FOR REPAIRING BROKEN SHAFTS.



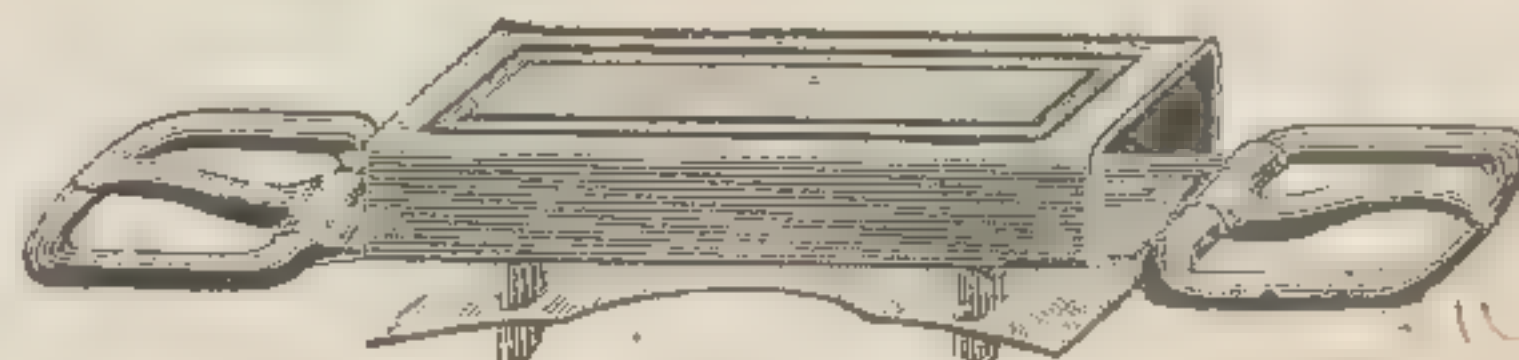
No. 10.
BREWSTER CURTAIN FASTENERS.
S.P. or Brass.



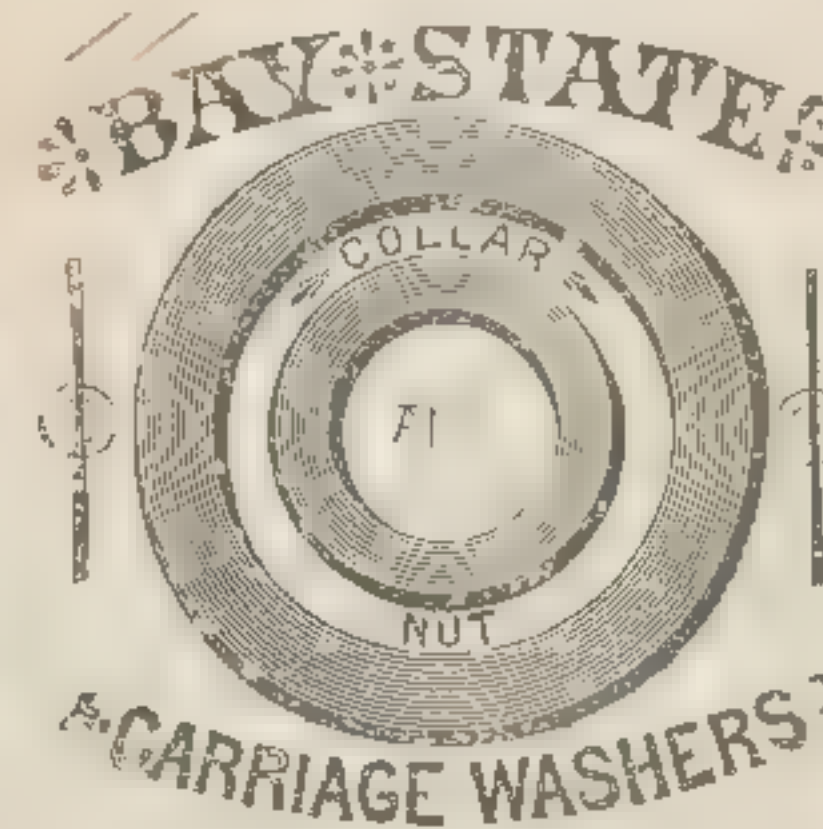
No. 12.



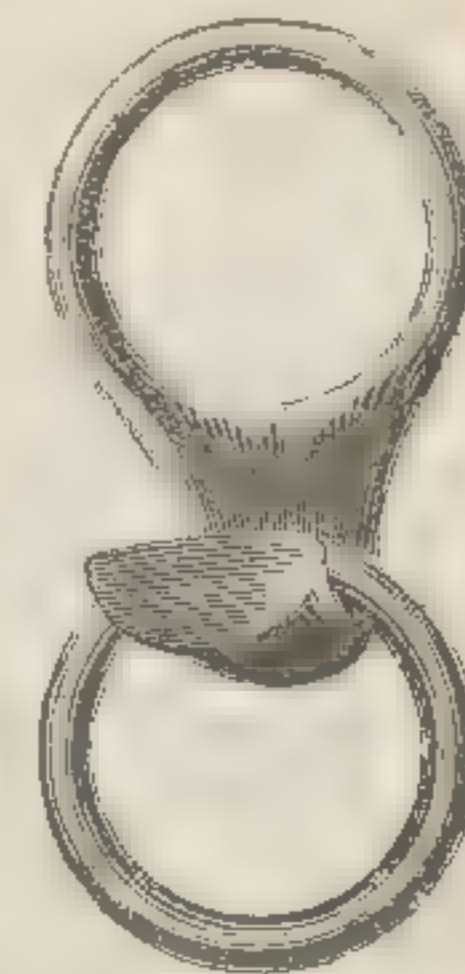
WAGON CURTAIN PATCH.



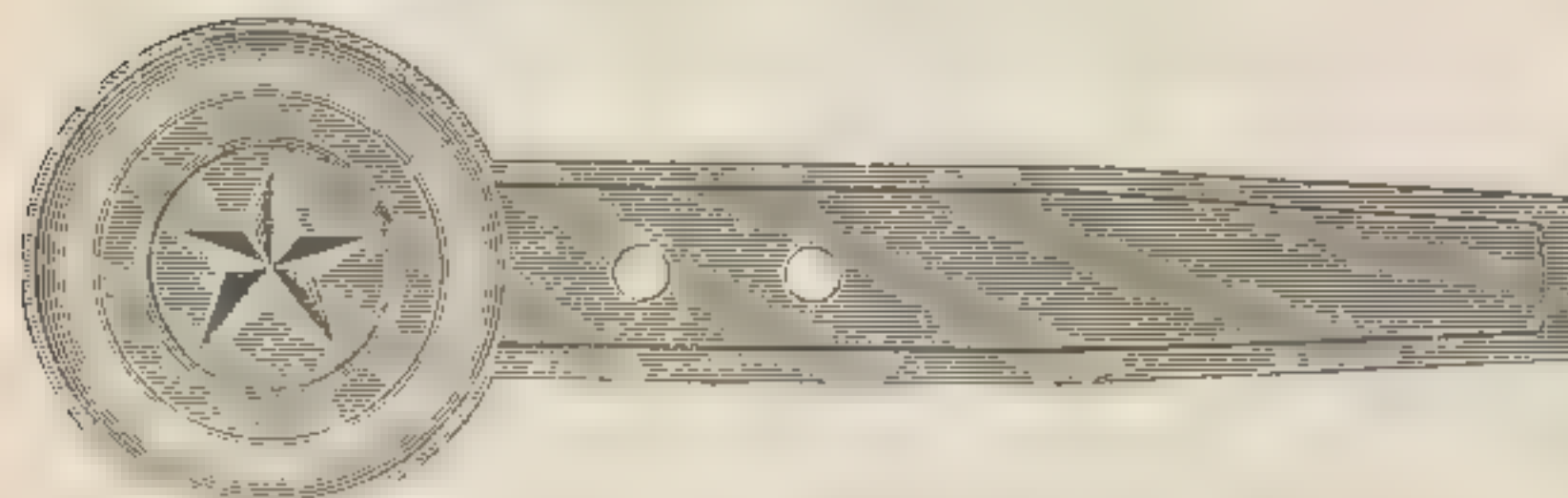
DOUBLE BUCKLE LOOPS.



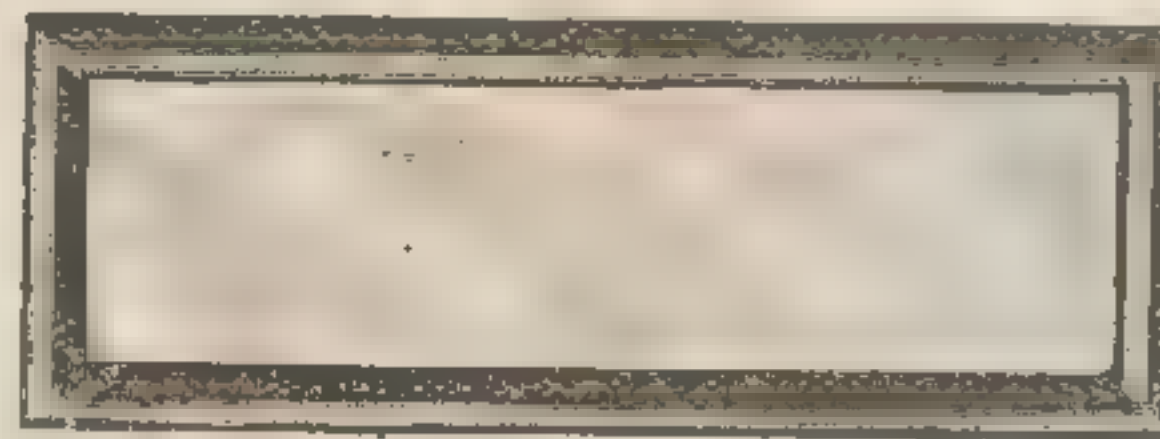
CARRIAGE WASHERS



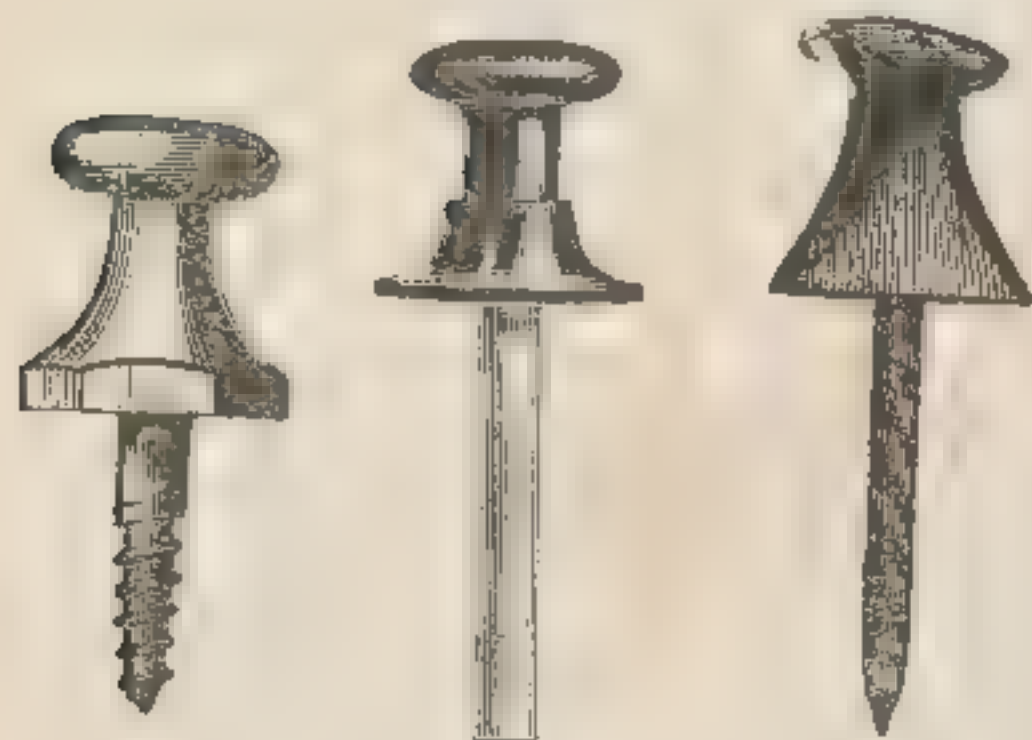
APRON HOOKS
AND RINGS.
Japd. or Nickel.



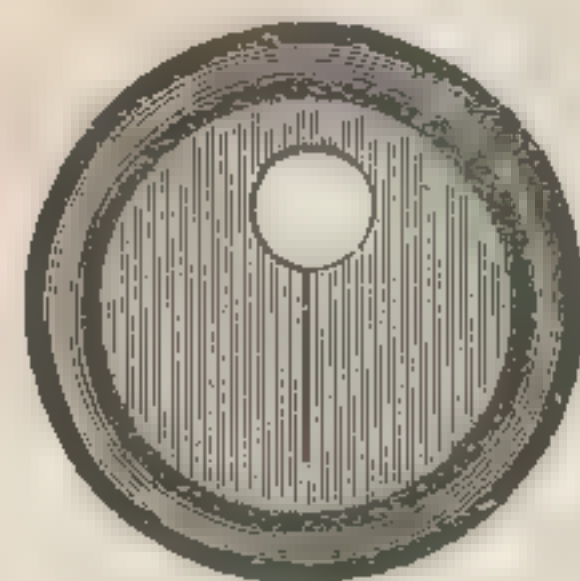
CURTAIN STRAP FASTENER.



CURTAIN LIGHTS FOR BUGGY HOODS.



CARRIAGE KNOBS TO
Screw Rivet Drive.
In Japanned, S.P., and Brass.



PATCH FASTENER.



RADICAL
CURTAIN FASTENER.

ADJUSTABLE COIL AXLE WASHERS.

The above Washers are made of a continuous strip of sole leather, coiled round, and containing 20 Washers in a coil. By using these Washers the necessity of carrying an assortment of sizes is avoided, as Washers to fit any size axle can be cut off.

$\frac{1}{2}$, 1, $1\frac{1}{2}$ and $1\frac{1}{4}$ inch (100 Washers in Box.)

BAY STATE WASHERS.

FOR 1 INCH AXLE.

Nut.	Collar.
No. 28. $1\frac{1}{8} \times 1\frac{3}{8}$ in.	No. 80. $1\frac{1}{8} \times 1\frac{7}{8}$ in.

FOR 1 1-8 INCH AXLE.

Nut.	Collar.
No. 68. $1\frac{1}{8} \times 1\frac{7}{8}$ in.	No. 121. $1\frac{5}{8} \times 1\frac{1}{2}$ in.

FOR 1 1/4 INCH AXLE.

Nut.	Collar.
No. 94. $1\frac{3}{8} \times 1\frac{3}{8}$ in.	No. 147. $1\frac{7}{8} \times 1\frac{1}{2}$ in.

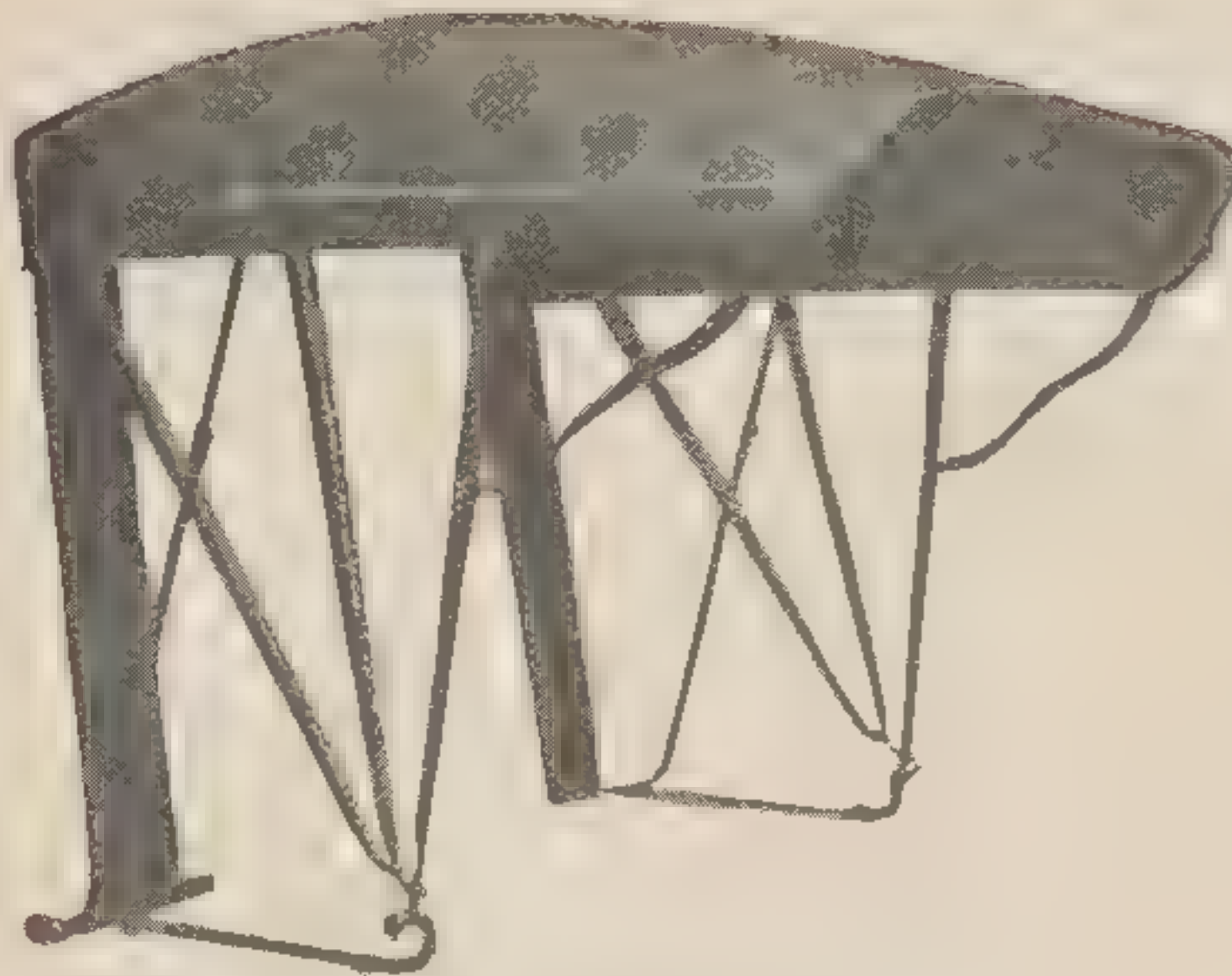
FOR 1 3-8 INCH AXLE.

Nut.	Collar.
No. 120. $1\frac{5}{8} \times 1\frac{1}{2}$ in.	No. 174. $1\frac{1}{2} \times 2\frac{1}{2}$ in.

FOR 1 1/2 INCH AXLE.

Nut.	Collar.
No. 147. $1\frac{7}{8} \times 1\frac{7}{8}$ in.	No. 212. $1\frac{3}{4} \times 2\frac{3}{8}$ in.

Hoods, Seats and Bodies.

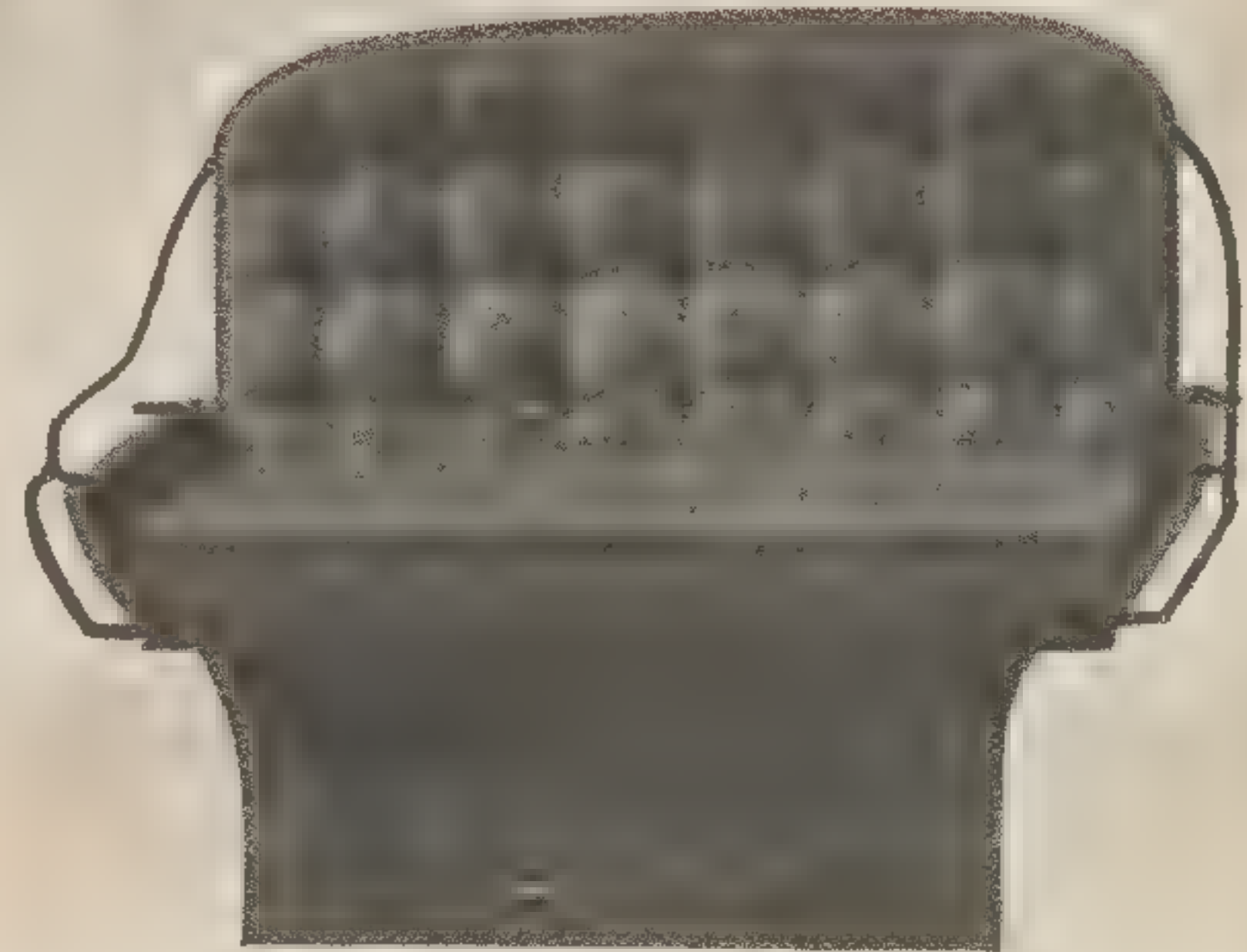


BUGGY HOOD.

- No. 1.—**RUBBER DUCK** THROUGHOUT.
 No. 2.—**CROCKETT'S** " " Bright Black.
 No. 3.—" " " " Dull Black.
 No. 4.—**LEATHER QUARTERS** with Duck Roof and Curtains.
 No. 5.—" " " " AND ROOF, with Duck Curtains.
 No. 6.—**DARK BROWN ONTARIO DUCK.**
 No. 7.—**WHITE ONTARIO DUCK.**
 No. 8.—**ALL LEATHER** THROUGHOUT.

The above are made in Three Patterns, viz., Crandal, Philadelphia, or Long Wood Bows, with Slat irons.

Either Three or Four Bow, and can be fitted with Japd. Brass, or N.P. Nuts, or Joints, Cately Levers and Springs.



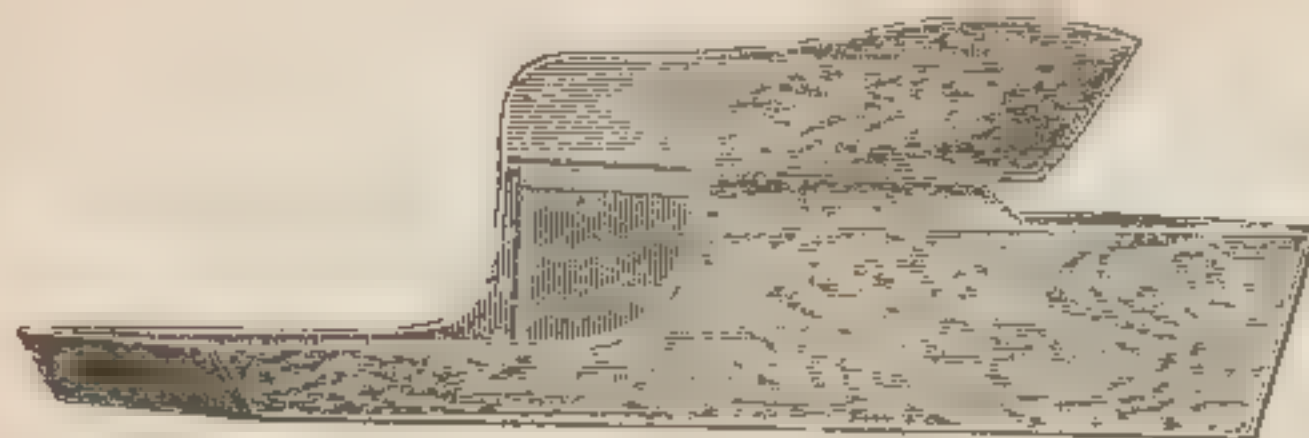
TRIMMINGS.

- No. 1 Set.—**CUSHION, FALL, AND SQUAB, IN CROCKETT'S DUCK,** any color, with Two Rows of Buttons.
 No. 2 Set.—**DITTO,** with Three Rows of Buttons.
 No. 3 Set.—**IMITATION LEATHER.**
 No. 4 Set.—**ALL LEATHER.**

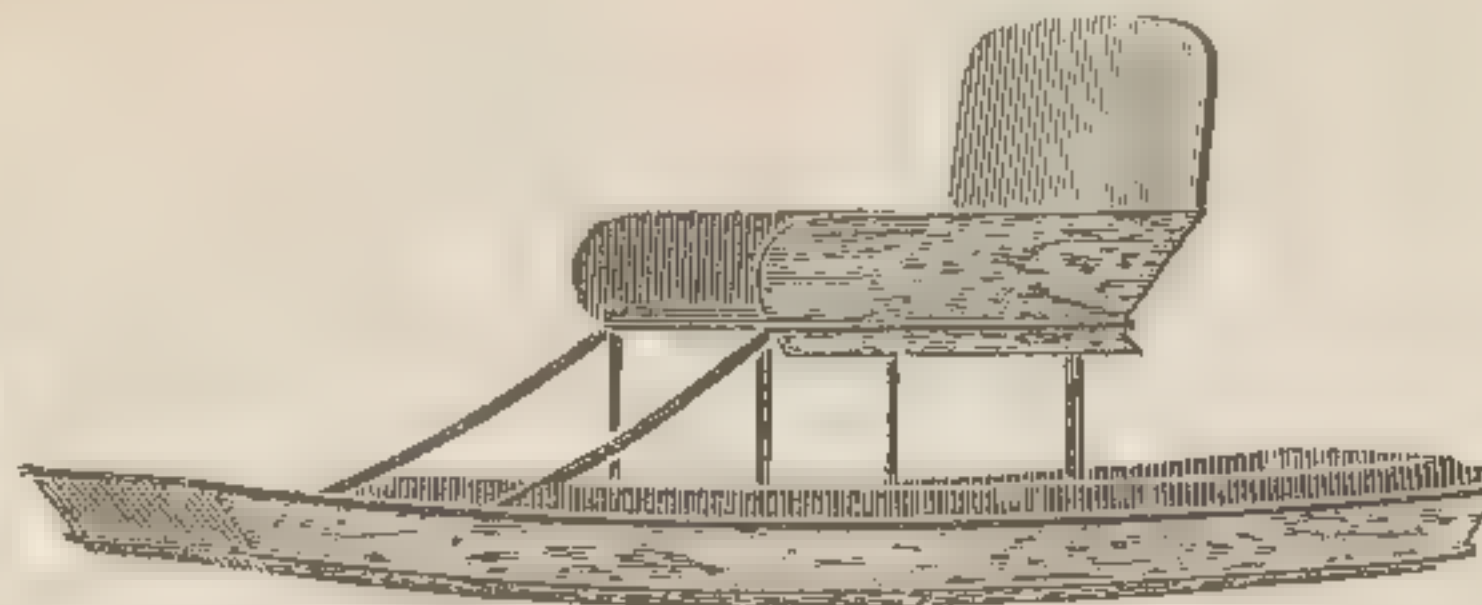
Any of above made with Spring Frames if required, to fit all Patterns and Sizes of Seat.

We supply Shaft Leathers and Straps in Patent, Plain Black or Brown.

Oilcloth, Carpet, and Wool Mats of all colors, for Bottom of Vehicles.



CORNING BODY.



CONCORD BODY.



PIANO BODY.

CAN BE SUPPLIED WITH ANY PATTERN SEAT REQUIRED.

BODIES FOR PHAETONS, BUTCHERS' CARTS, BAKERS' CARTS, MILK CARTS, SPRING CARTS, PONY CARTS, FARMERS' WAGGONETTES, ETC.

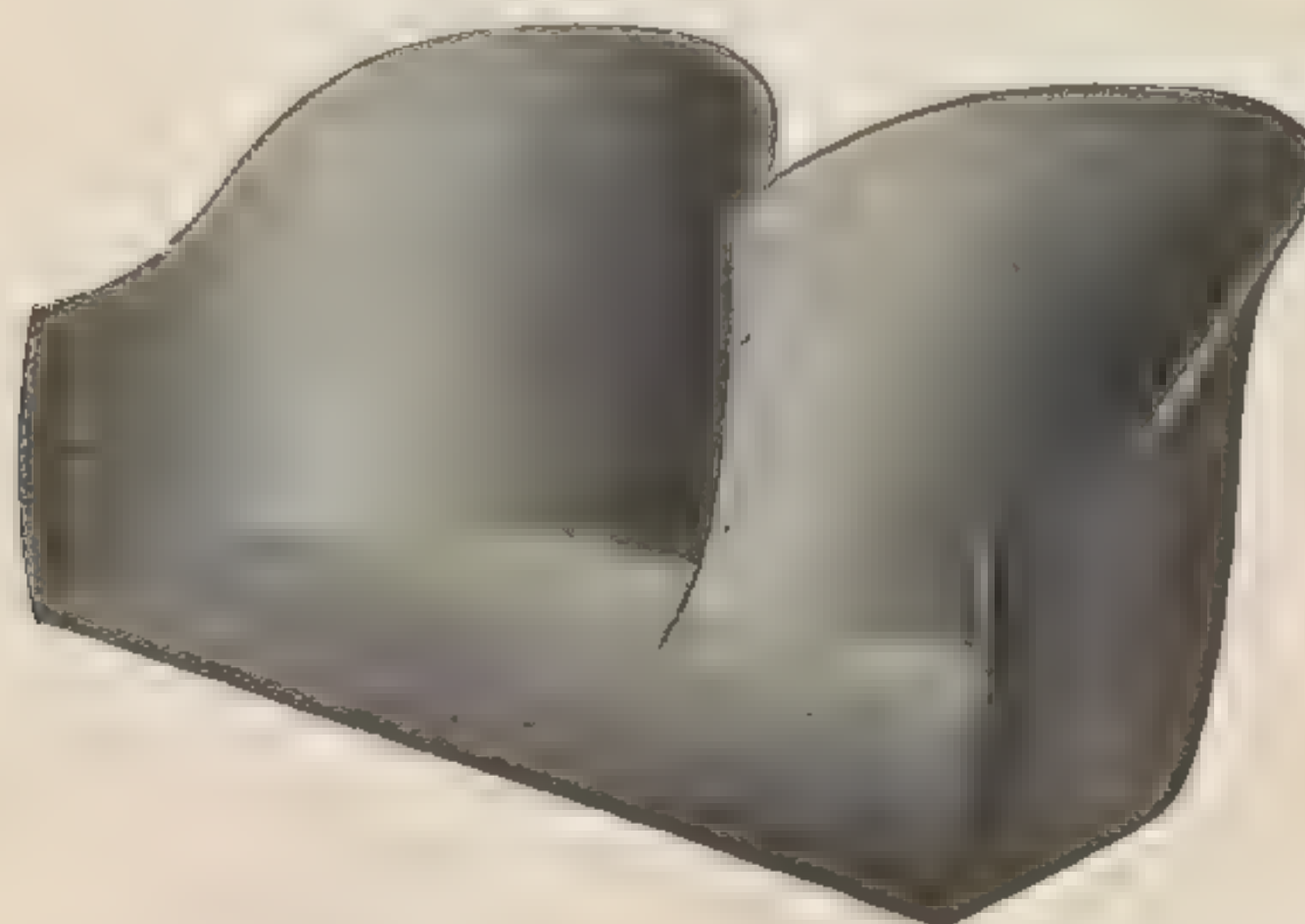
SULKY WOODWORK, Complete, with Straight or Bent Shafts, in Hickory or Gum.

DASHES FOR SULKIES, in Wood, Straight or Curved, Plain or Carved, to Imitate Leather, and in Fancy Designs.

SKI SNOW SHOES (as used by Prof. David). Gent's, Ladies' and Boys' Sizes.

Pressed Steel Panels for Motor Cars.

PRICES (FOR INDENT ONLY) ON APPLICATION.



18 in. Deep at Back.
10½ in. Deep at Sides.
38 in. across Front.

Approximate weight, 13 lbs. Pair.

BUCKET SEATS,
FOR TWO-SEATED CARS.



NEW ROTUND SHAPE PANELS.

BACK SEATS.—

	Small.	Med.	Large.
Depth at Back	21 in.	23 in.	25 in.
Depth at Sides	11 in.	12 in.	13 in.
Width at Back	56 in.	60 in.	66 in.
Width at Front	42 in.	44 in.	48 in.

FRONT SEATS.—

	Small.	Med.	Large.
Depth at Back	18 in.	20 in.	21 in.
Depth at Sides	9 in.	10 in.	11 in.
Width at Back	46 in.	50 in.	54 in.
Width at Front	40 in.	42 in.	44 in.

STEEL PANELS FOR FOUR-SEATED CARS.

Suitable for Back or Side Entrance.
Complete in Four Panels.

The Standard Size is Marked on illustration.
MODIFICATIONS CAN, HOWEVER BE MADE to Suit Particular
Requirements.

Approximate Weight of Set of Four Panels. Standard Size 45 lbs.

AGRICULTURAL MACHINERY.

Blue Bird Ploughs.

Exceedingly Strong and of Light Draft.

WITH EXTRA LONG IRON HANDLES.

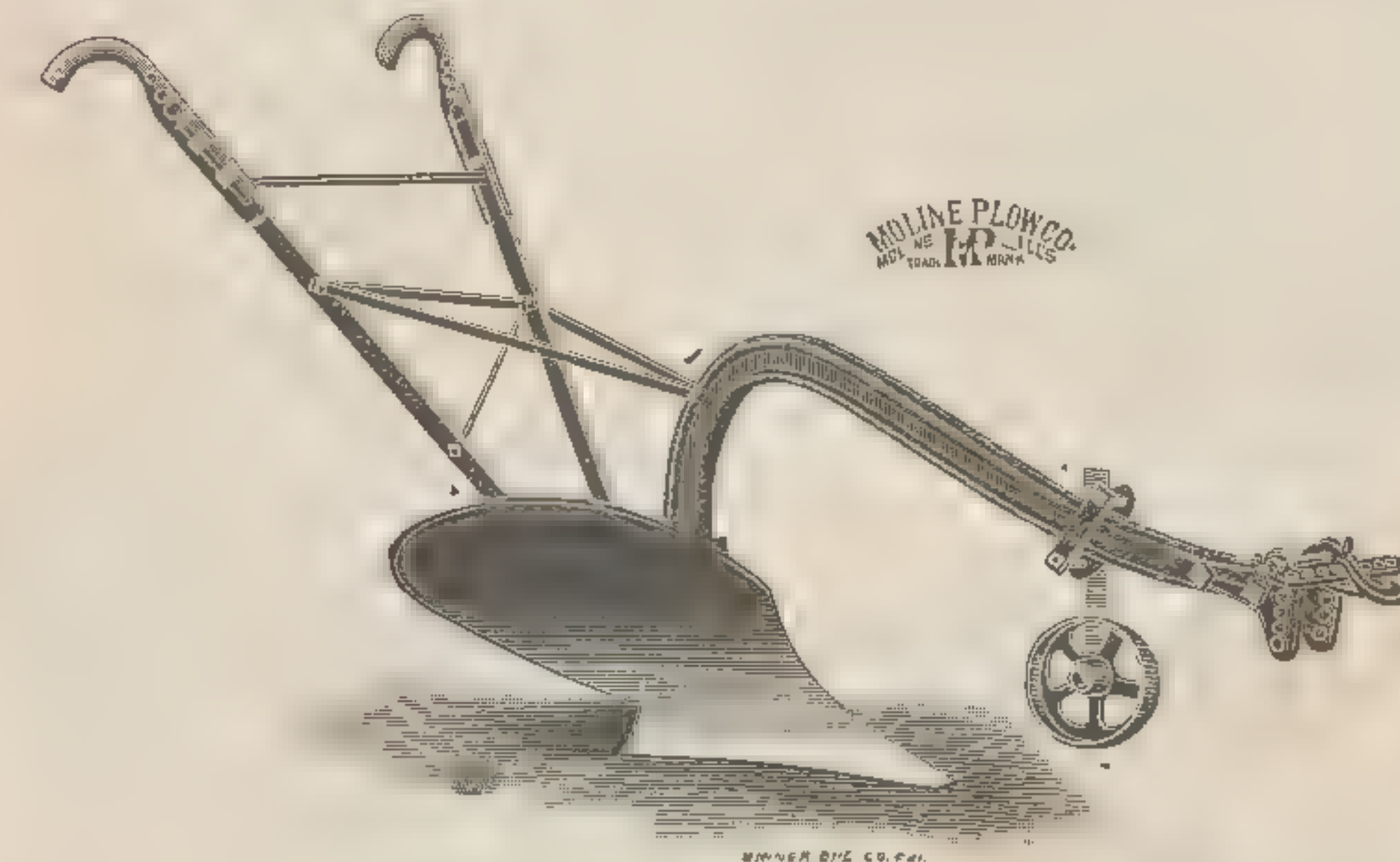
This series of Ploughs are made very strong and substantial, and are intended for the work of a general purpose plough working equally well in sod or stubble, and is an excellent implement for use where diversified crops are put in, and may be used in timber land to good advantage.

The **BLUE BIRD** is built on a heavy, pressed steel frog or block, which constitutes the frame to which the share, mouldboard, landside, and steel beam are bolted, making it very strong and substantial. It is made with a medium landside, the inside of heavy chilled iron, the outside of crucible steel. The mouldboard is made of hardened steel, heavily shinned. The share has a heavy, duck-bill point, and can be furnished either steel or chilled iron.

STEEL BEAM, with Extra Steel Share.

Size.	Weight.
8 inch	72 lbs.
9 inch	80 lbs.
10 inch	85 lbs.
12 inch	90 lbs.

Knife Coulters, extra, Disc Coulters, extra,
Land Wheels, extra,



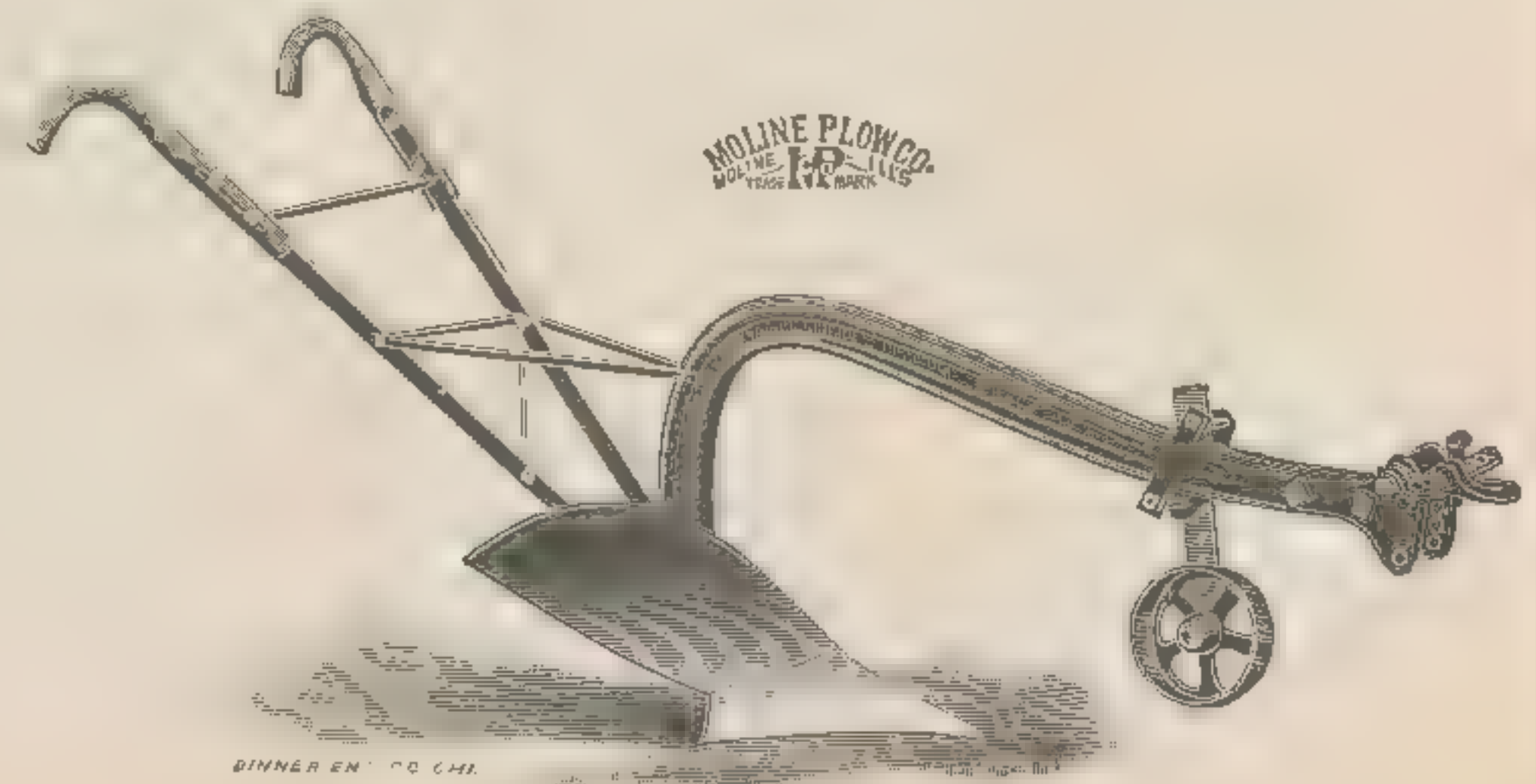
Famous Pony Plough, with Extra Steel Share.

For Orchard or Vineyard Use.

The **FAMOUS PONY** Plough is made with steel mouldboard, solid steel share, and low mild steel landside. The standard is curved, and with wide throat is admirably adapted for ploughing weedy and trashy land. It is a favourite for cultivating small trees and shrubs, and for "laying" by corn, &c., and is specially adapted to the requirements of mixed soils.

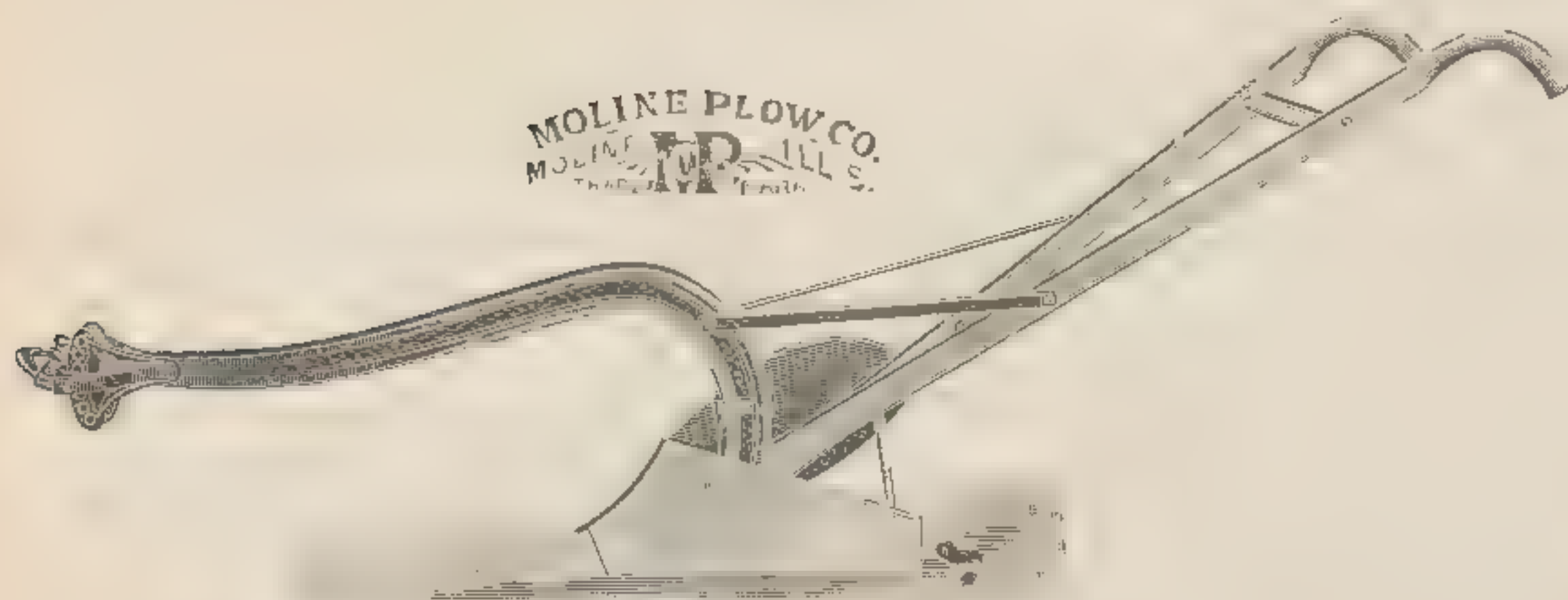
	Size.	Weight.
Wood Beam (Wood Handles)	7 inch	39 lbs.
Steel Beam (Steel Handles)	7 inch	45 lbs.

Coulters and Wheels, extra,



"Scotch Clipper," C Series, Steel Beam.

WITH EXTRA STEEL SHARE AND IRON HANDLES.



The shares, mouldboards, and landside plates are made of the finest soft centre steel, and especial attention is paid to the shaping, hardening, and polishing thereof. All parts are duplicate.

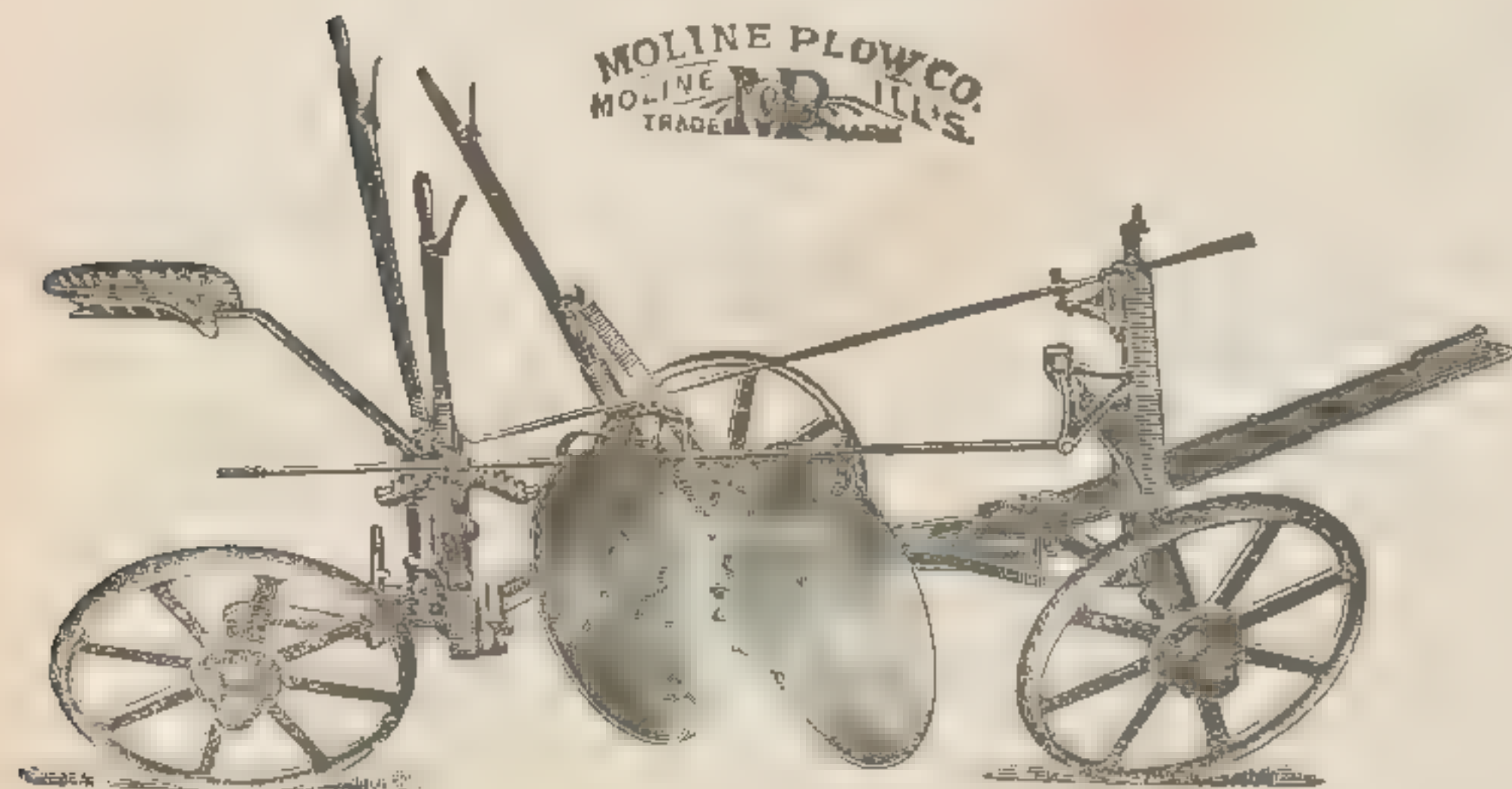
The inner landside and frog, and the brace between the landside share and mouldboard, are made of steel, and two bolts are used at the front, through the frog and short landside on share.

Size.	Weight.
12-inch	93 lbs.
14-inch	107 lbs.

Disc Coulter, extra ; 15 inches and over,
Knife Coulter, extra ; Land Wheel extra.

C, or Scotch Clipper, series of Ploughs are equipped with high and long mouldboards especially adapted to general purpose work. The turn of the mouldboard is long and easy, so that the furrows are lapped with perfect regularity. They will turn the sod completely over, while in stubble or old ground, will turn sufficiently to cover all trash and weeds. The beams are made extra heavy, and every care is taken to make these ploughs perfect.

SOUTHERN CHIEF DISC PLOW.



The Southern Chief is made entirely of steel, malleable and cast iron. It is strong, well braced and easily controlled.

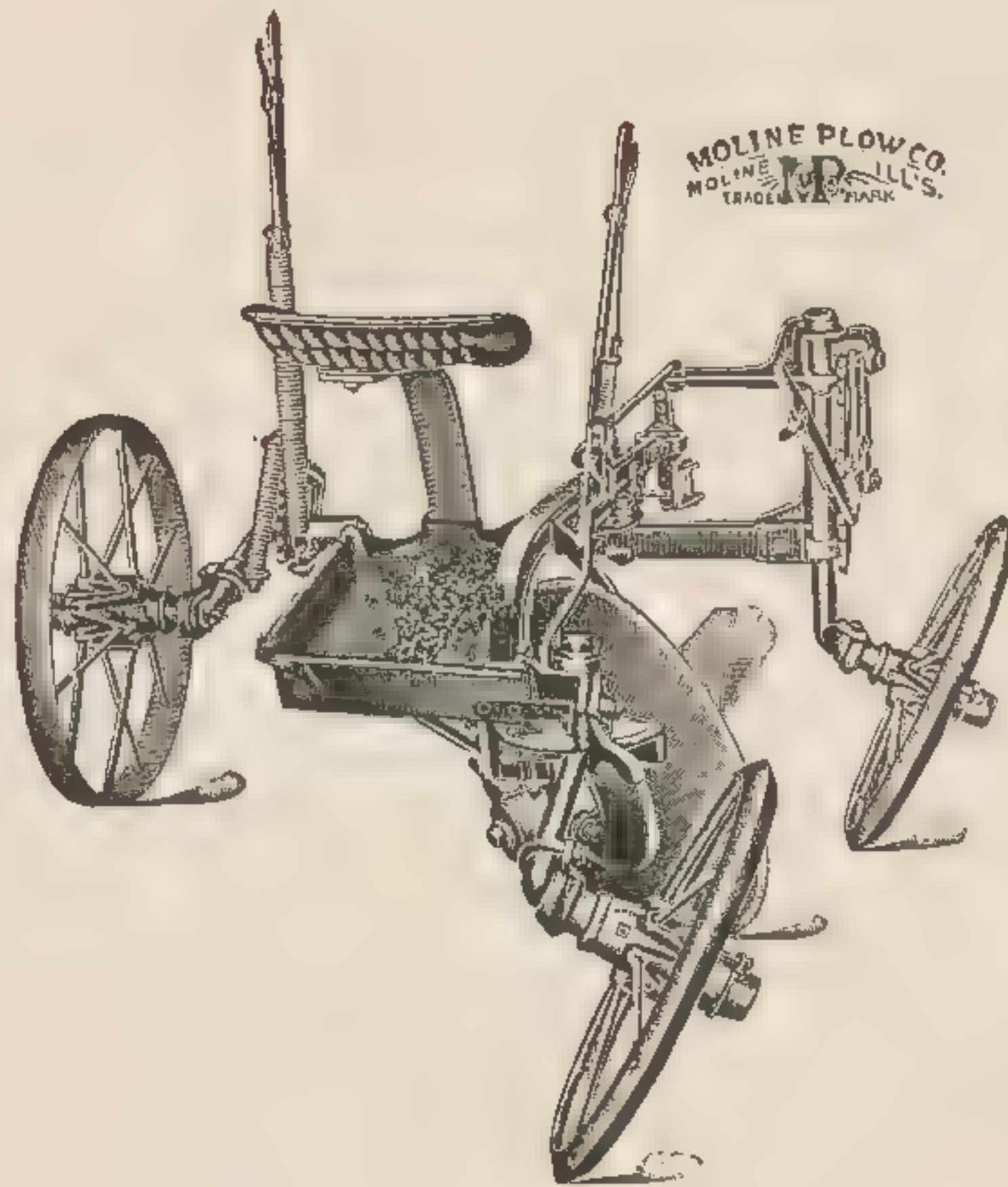
When changing from three to two furrow, the intersection is removed and the rear section moved up. The lever rods slide through the adjustable connection, always keeping the levers and operator in the same relative positions.

The front wheel is under control at all times, and the plough can be steered at will. All levers are within convenient reach of the operator. The width of cut can be changed without disturbing the connections between the frame parts. The discs are adjustable, and can be given more or less slant as desired.

2 Disc, weight 770 lb.

3 , , 930 ,

The Rotary Good Enough Single Disc Plough.



The general construction of the Rotary Good Enough is extremely simple, and this, combined with great strength and ample facility for adjustment, makes it an ideal disc plough.

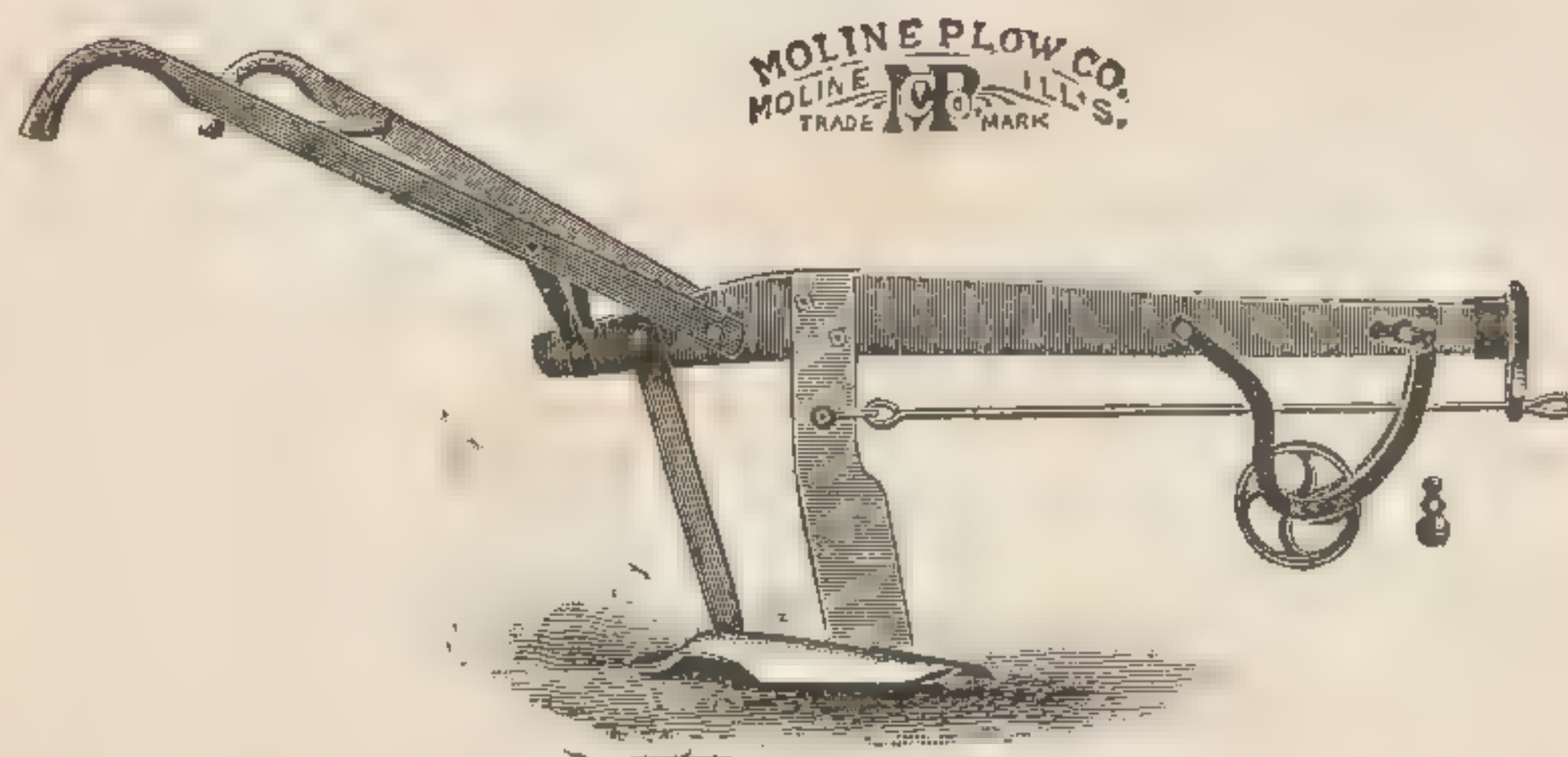
Unlike the majority of disc ploughs, the Rotary Good Enough is built on a heavy steel beam. The beam is mounted on a carriage or cross frame composed of a pair of heavy steel bars, to which it is secured by an adjustable "saddle block." The land wheel and the front furrow wheel are attached to the ends of the cross frame. The axle of the front furrow wheel has a sliding arm connection with the cross frame, for regulating it in ploughing at various depths. It can be raised and adjusted by means of the large raising lever.

The land lever has both a lifting spring and a yielding cushion spring, the latter allowing the plough to always maintain its level on uneven ground or when crossing ridges or furrows.

The disc is twenty-six inches in diameter, made of the finest steel, and will keep to its work under all conditions without the necessity of a subsoiler or other attachment in the rear.

Weight, 640 lbs.

Moline Mapes Subsoil Plough.



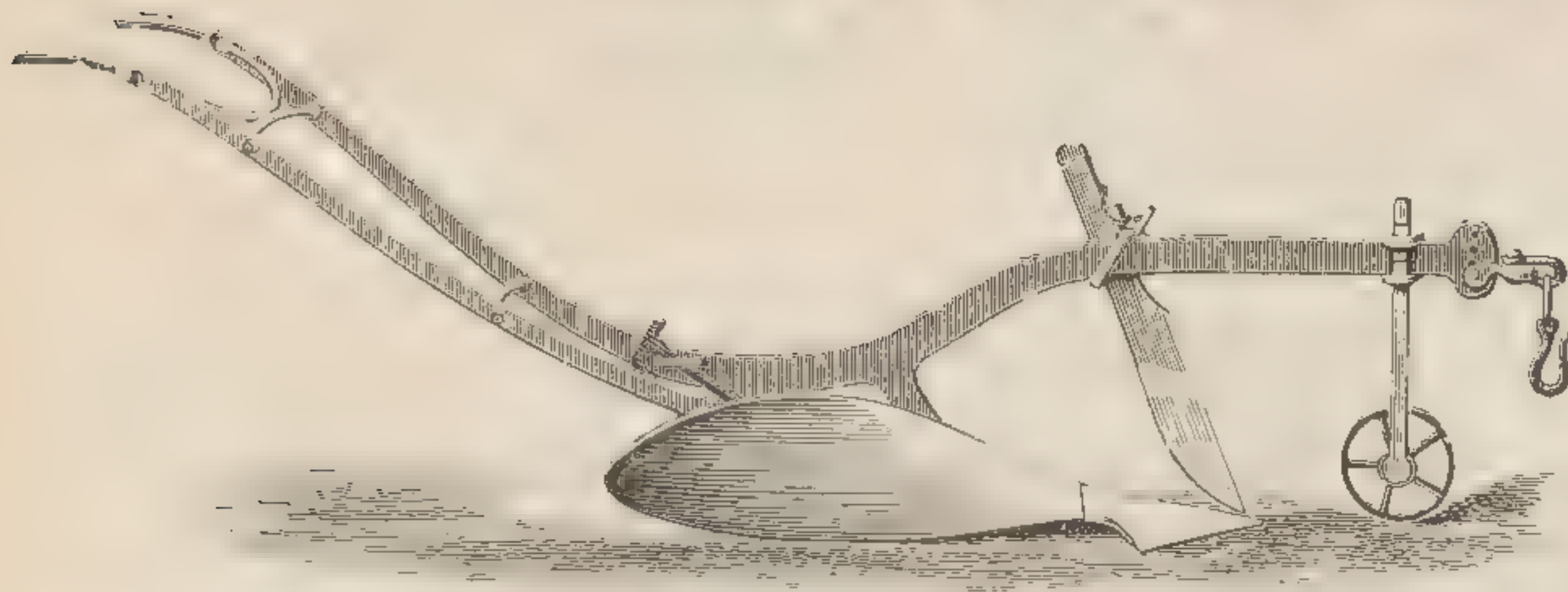
The **Moline Mapes Subsoil Plough** is the leading implement of its kind. It is strong and substantially built of the best materials, and is provided with draft rod, dial clevis, and adjustable gauge wheel. The shoe or share is made of the best refined crucible steel. It is provided with a removable point, which is a wedge-shaped piece of the finest steel secured to the front or "nose" of the share by a bolt and a rivet. The advantage of such a point is obvious, in that it practically makes the share itself indestructible. It bears the greater part of the "grinding" incident to subsoil ploughing, relieving the share of all wear in its most vulnerable part; and being small and simple can be easily detached and sharpened and replaced at a trifling cost when necessary.

Weight, 72 lbs.



Steel Swingletrees, 1, 2, 3, 4 Horses.

Colonial Single Furrow Ploughs.

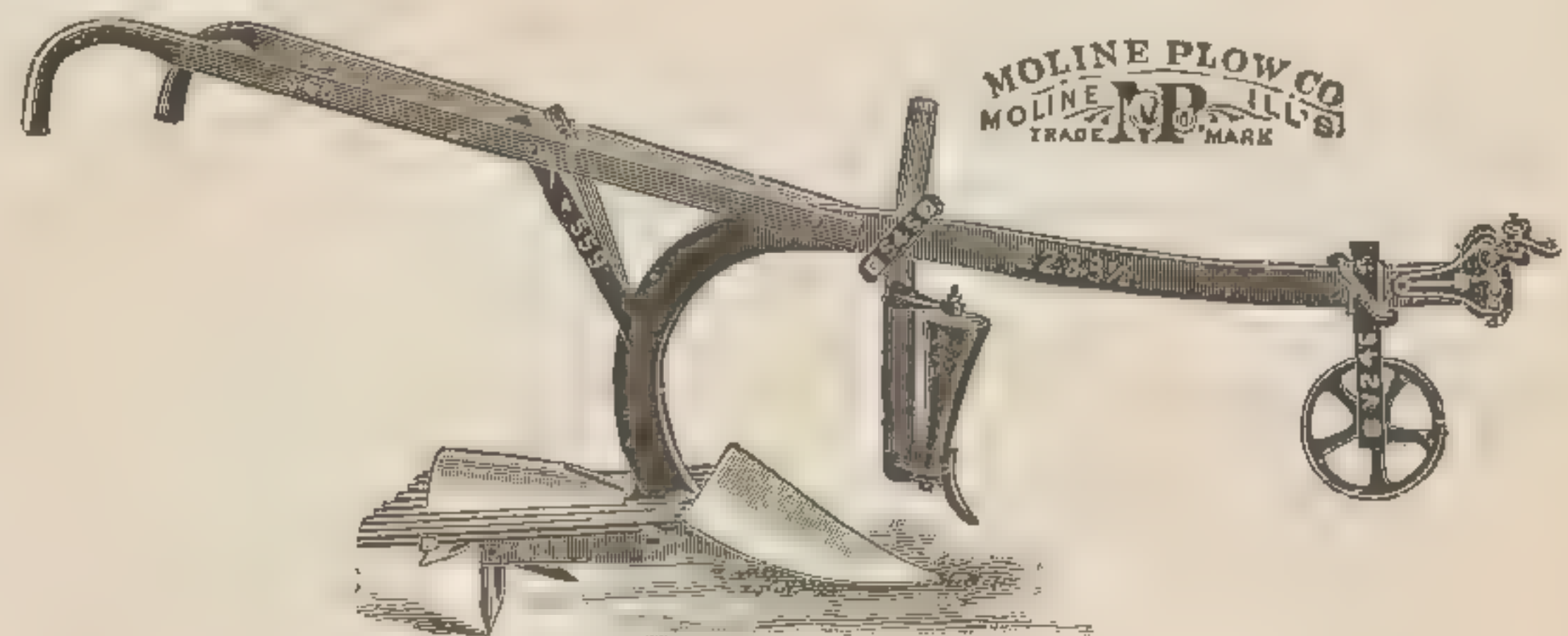


		cwt. qrs. lbs.		
No. 0	One horse, for Orchard or garden	1	0	0
1	One Horse, for Orchard or Garden	1	1	0
2	Two Horses, for Light Soil	1	2	0
3	Two Horses, for Medium	1	3	0
4	Two Horses, for Heavy Soil	2	1	0

Moline Knocker Potato Digger.

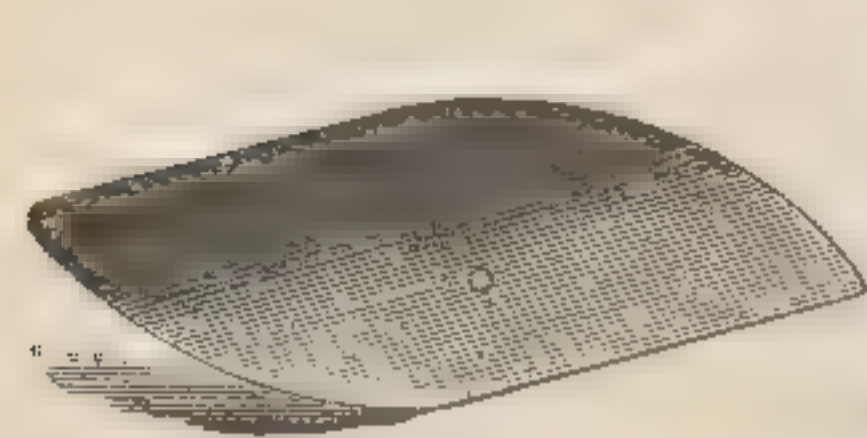
The **Moline Knocker Potato Digger** is adapted more particularly for sandy or loamy soils. The blade is slightly concave. The fingers have a shaking motion, which frees the potatoes from the earth, and leaves them clean and sound on top of the ground. The trash fender clears away the weeds and vines, which would otherwise clog up at the foot of the beam. The gauge wheel prevents the blade entering the ground deeper than required. The **KNOCKER POTATO DIGGER** is complete with trash fender and gauge wheel.

Weight, 125 lbs.

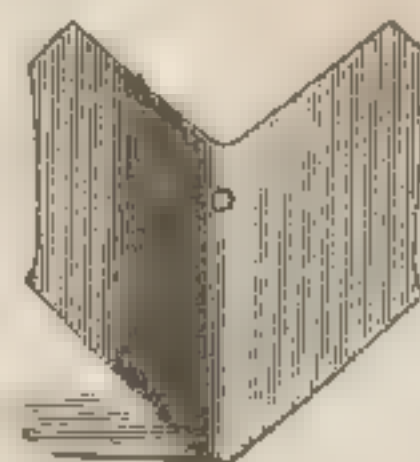


Cultivator Fittings.

For Horse Hoe Attachments.



No. 4—Right.



No. 6—Center.



No. 5—Left.

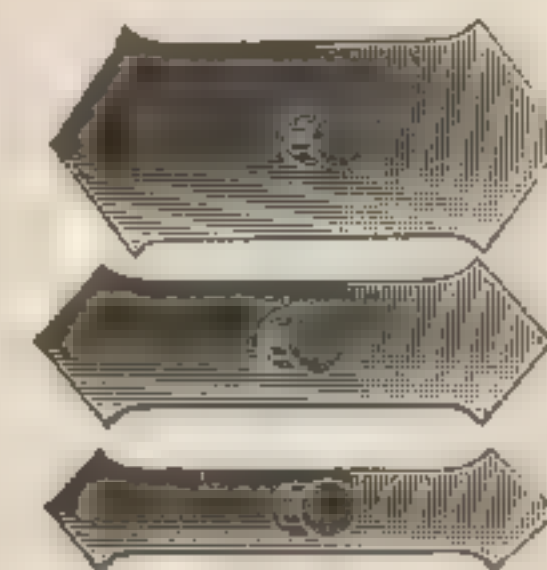
Side Steels and Centre Shovel.

Extra Parts of Cultivators.

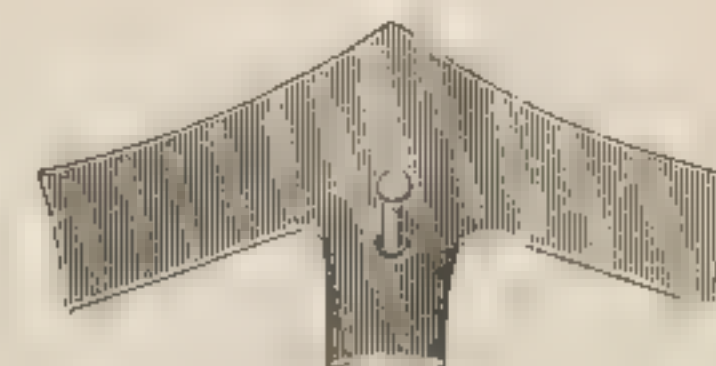
TINES. —1½-inch, 2-inch, 3-inch, 3½-inch, 4-inch.

SIDE STEELS.

CENTRE SHOVELS.



Tines, 1½, 2, 3, 4 inch.

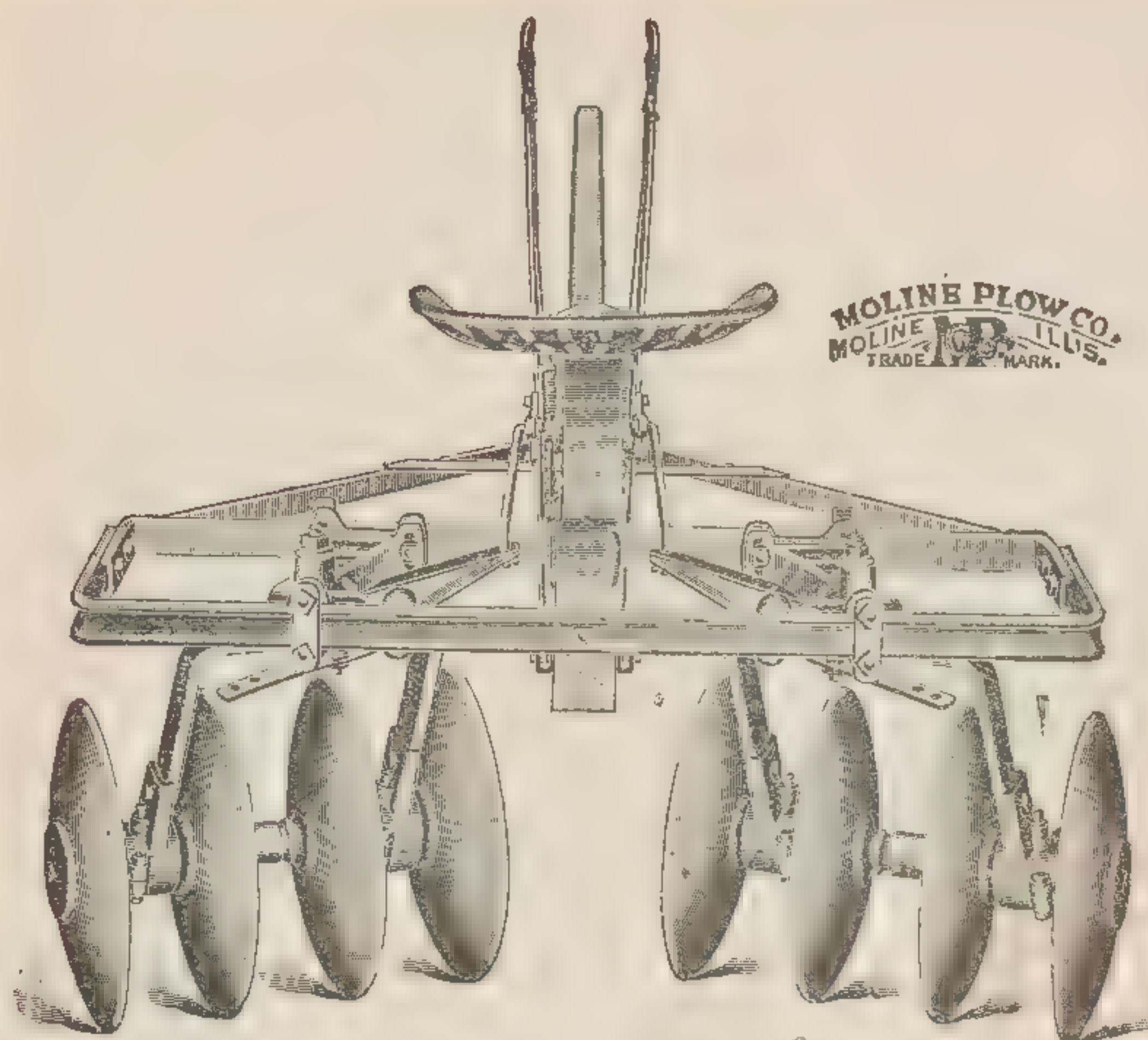


Furrows,

10, 12, 14 inch.

SWEEPS.—8-inch, 10-inch, 12-inch 14-inch

WEEDERS.



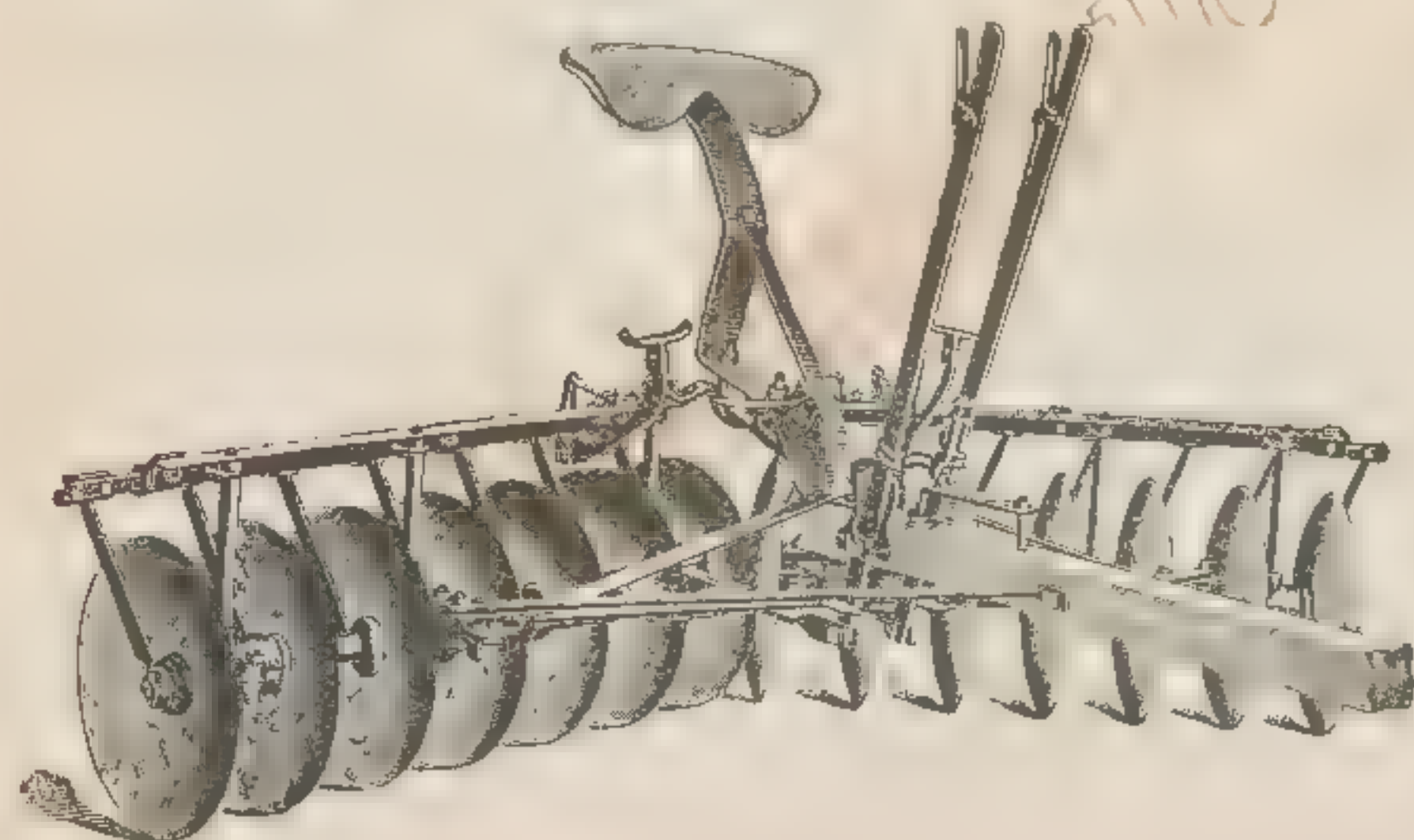
FOUR FOOT-DISCS SET TO THROW IN.

Moline Reversible Disc Harrow

The frame on this harrow is built down close to the discs and is lower than any other harrow of this type. For orchard work it is equipped with an extra long frame instead of extension head. The levers are short, always in the centre, and will not strip the branches. This is a serviceable tool popular not only with orchardists, but a favourite with those who require a small harrow for any purpose. It is a very durable harrow easily handled and the various adjustments are simple and can be quickly made. The low frame and arrangement of levers are valuable features of this tool alone making it superior to any similar harrow. While the **Moline Reversible Harrow** is an ideal tool for orchard cultivation, the adjustment for setting the disc gangs in and out on the frame gives it a scope that covers the entire field for which a harrow of this size may be used. It is in great demand for orchard work, operators having discovered that in cultivation and barring off it does perfect work and materially reduces the number of hands necessary to handle the crop.

The discs may be reversed in a moment without taking them from under the frame.

Size 8—Discs 18in. diameter, 4ft. wide, with scrapers, two horse equalizers and pole, weight 336lb.



The Economy Disc Harrow

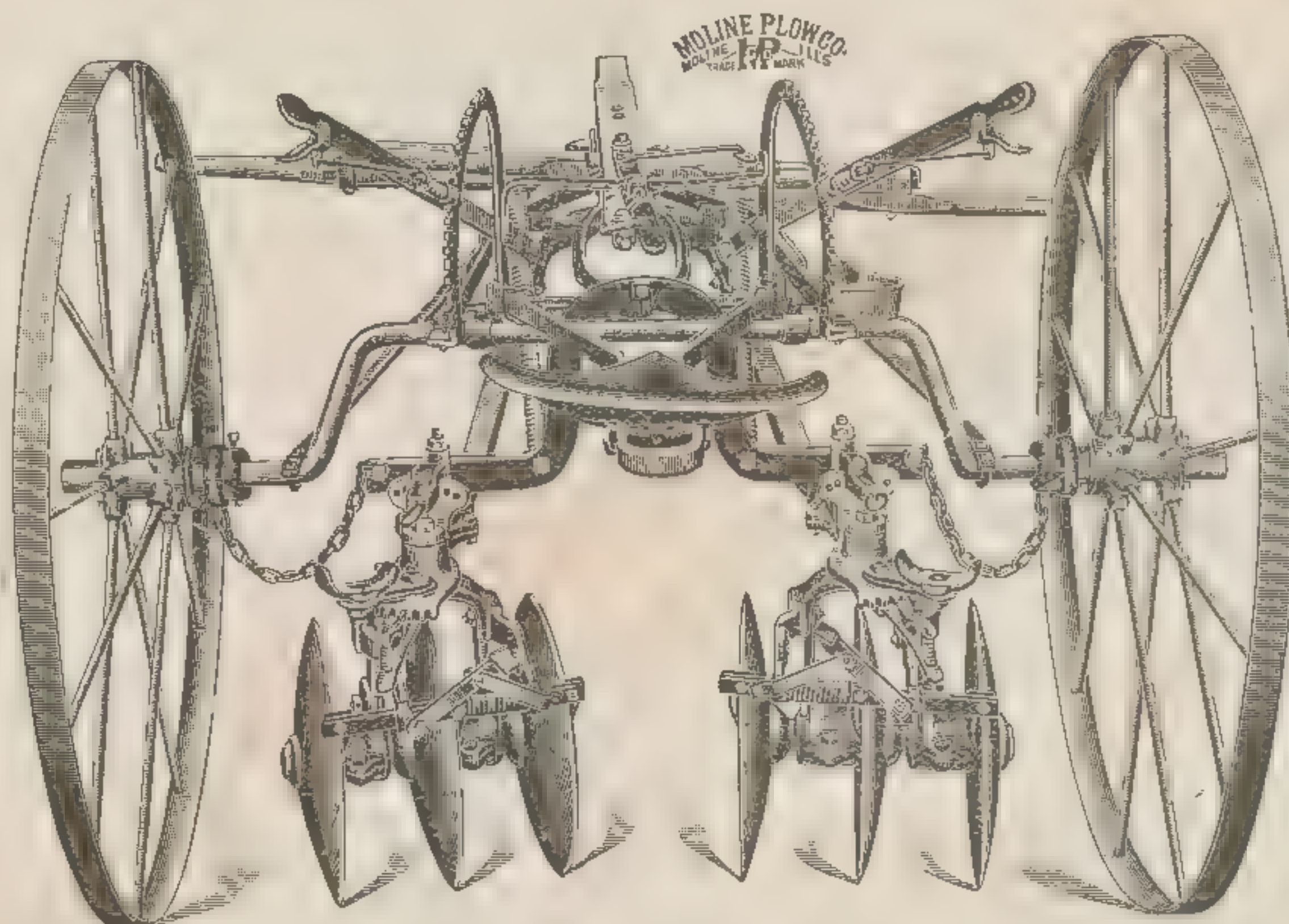
The **Economy Disc Harrow** acknowledges no equal. There is not another harrow on the market that presents so many valuable features. It is a graceful, neat-appearing implement, and at the same time has strength to spare. The frame-bars are of high carbon steel, as stiff and hard as can be worked in a blacksmith's shop. The discs are heavy, with long, sharp bevel, and nicely polished. The spools have a large face that acts as a brace for centre of disc and prevents breakage in rough work. The harrow has great flexibility and readily adapts itself to uneven ground. One section may over-ride obstructions or dip into dead furrows without affecting the work of the other section. The gangs cut a uniform depth their entire length. The bearings are of hard maple, with double surface to meet the end wear.

Write for Full Particulars and Illustrations.

Size 12 Discs 18in. diameter, 6ft. wide, with weight boxes, three-horse equalizers and pole, weight 420lb.

The New Captain Kidd Disc Cultivator

**Pivotal Frame,
Quick Adjusting
Gangs,
Adjustable Long
Distance Axles,
16 inch Discs.**



**Light, Strong and
Durable. Contains
more Valuable
Features than any
other Disc Cultivator made.**

WHEREVER USED it has rapidly become a favorite. Being constructed almost entirely of steel admits of the frame being very light, without any sacrifice of strength; the operator is given a clear view of his work, and the implement presents a graceful and neat appearance.

THE FRAME is attached to the pole on a pivot, enabling the operator to swing the Cultivator either to the right or left to cultivate hills not planted in a direct line, the team meanwhile travelling straight. Hills a foot and a half out of the row are easily cultivated around without cutting or destroying any of the stalks. The frame is made rigid at pleasure.

THE NEW CAPTAIN KIDD is easily controlled and quickly adjusted for cultivating at any depth required. The soil can be thrown up to the corn, and all the surface pulverised without in any way disturbing the growing roots. The gangs can be worked close to the plant without danger of cutting it, thereby breaking and pulverising the soil and cutting out the weeds close to the stalks.

"Empress" All Steel Cultivator.



This Cultivator is fitted with *Best Horse Hoe Attachments Lever Wheel, Rear Wheel Depth Regulator and Outside Handle Braces*. It has never been possible to regulate the depth of these tools perfectly until this Wheel Depth Regulator was made. It can be set at any depth simultaneously with the front wheel by the Wheel Lever. This Rear Wheel Depth Regulator will relieve the operator from all strain in holding the Cultivator from running too deep. It is used, also, for transporting from field to field without lifting the Cultivator. The Lever Wheel enables the operator to change its depth in a moment and while in motion, and to turn easily at the end of the row. The outside Handle Braces make the Cultivator very solid and rigid. This rigidity is maintained while the tool is being expanded or contracted.

The reputation of the "EMPRESS" CULTIVATOR is world-wide and every year its intrinsic worth is increased by advantageous improvements. The Horse Hoe Attachment Steels are now reversible, and when one edge is worn the other can be used. They can be turned all the way round, and used for hoeing.

Fitted with Hollow Pressed Steel Standards.

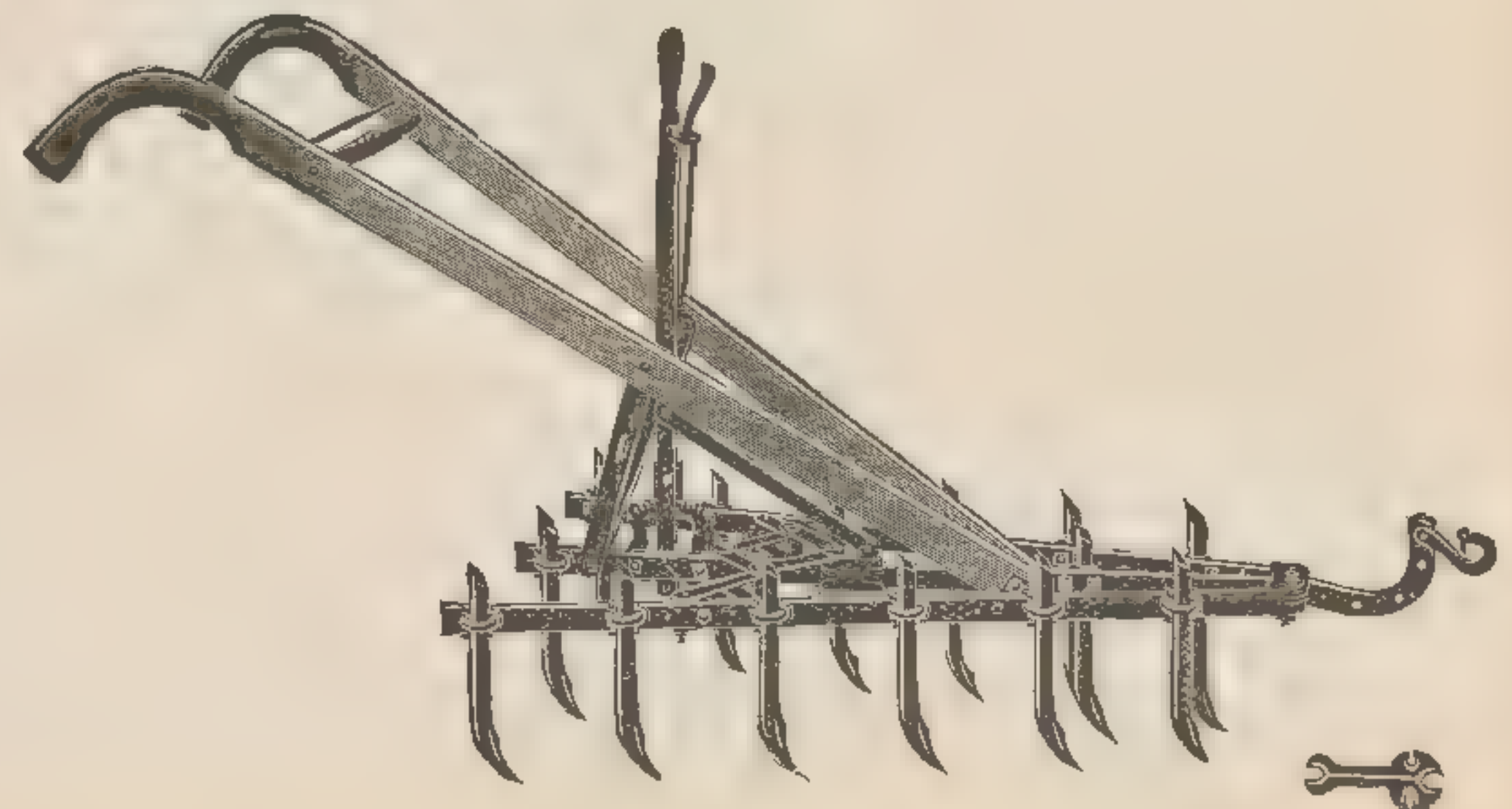
Weight, 91 lbs.

"Empress" Steel Frame Harrow.

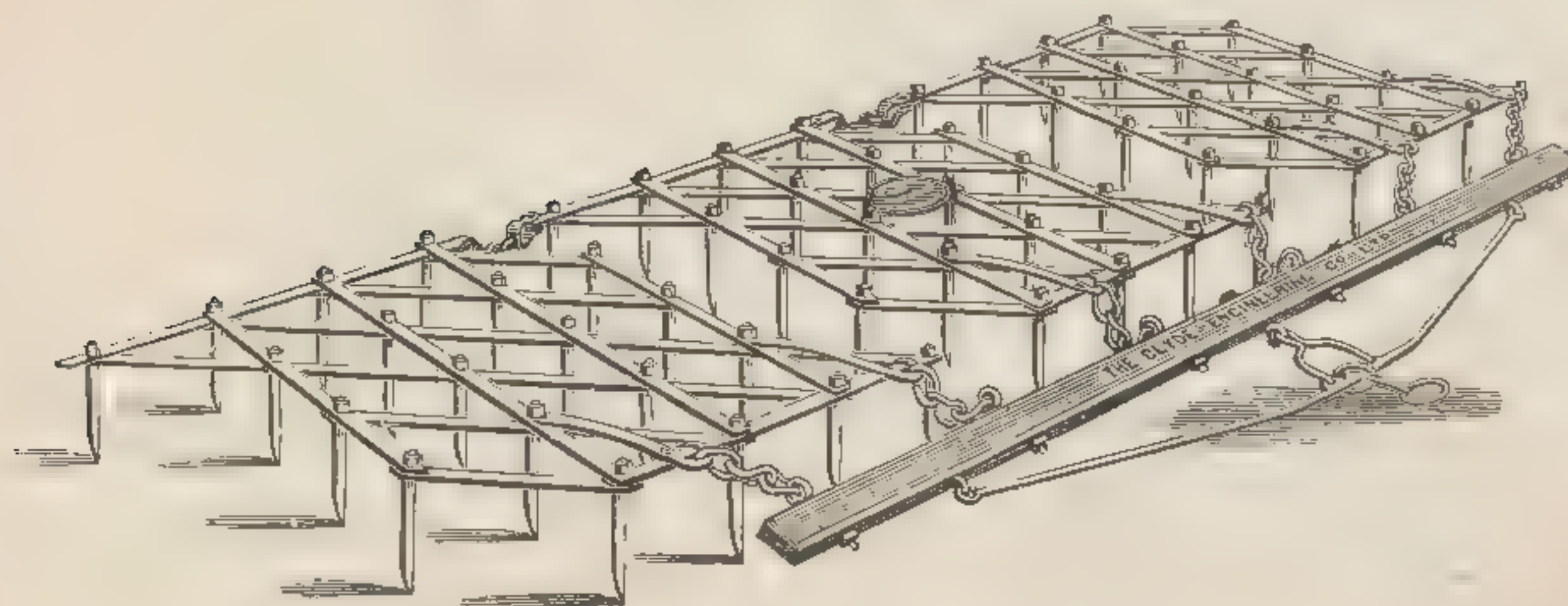
WITH LEVER AND WHEEL.

The cut herewith represents the most complete and perfect harrow on the market, combining as it does a Field Cultivator and Garden Harrow and Pulveriser. The teeth are so arranged that one end is the cultivator and pulveriser, while the other end is the harrow. By a very simple device the slant of the teeth can be changed so that the tool can be made a PERFECT SMOOTHING HARROW. It has fourteen $\frac{5}{8} \times \frac{1}{2}$ diamond teeth, drawn to a cutting edge on one end.

Weight, 66 lbs.

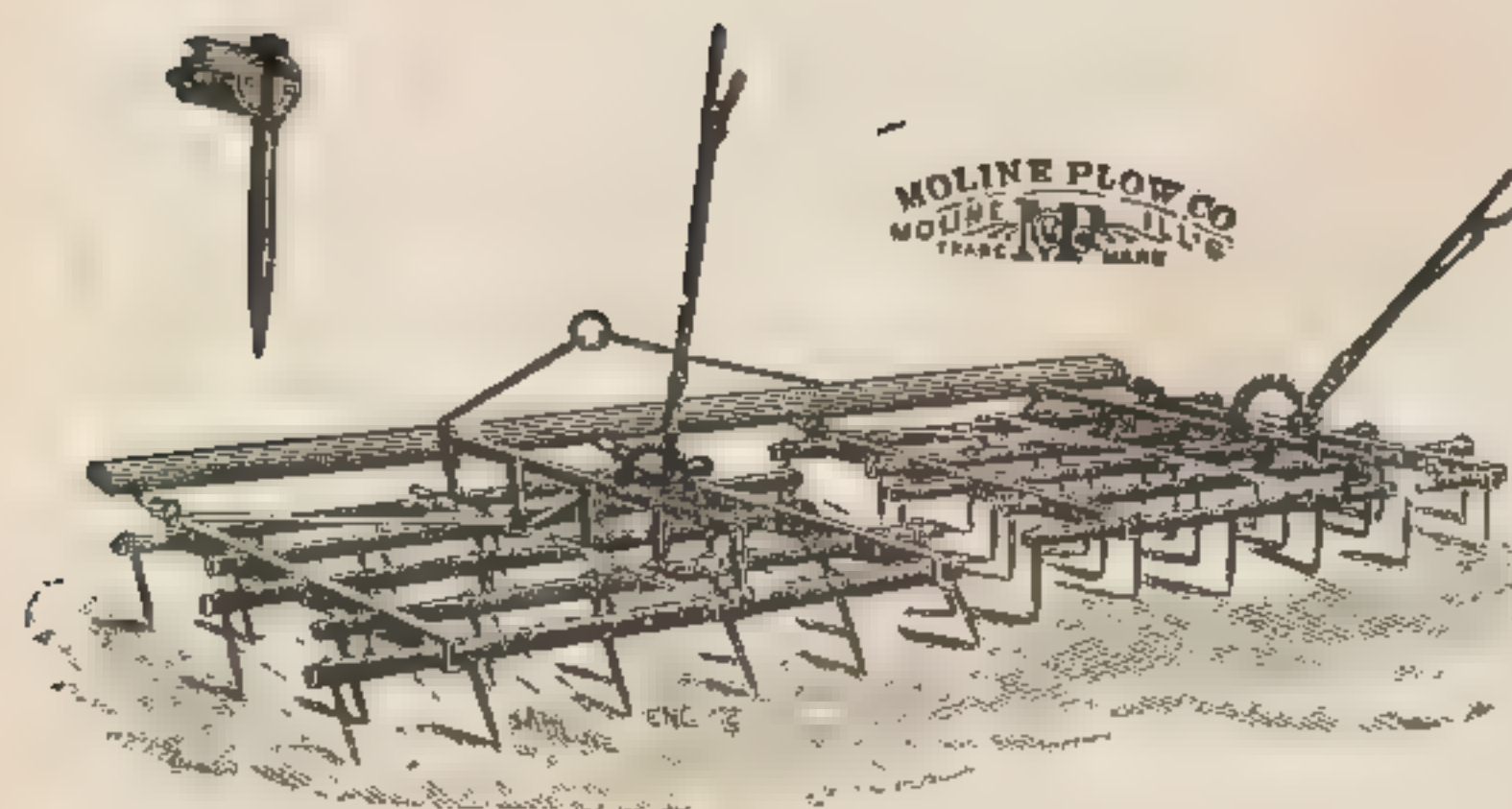


"Zig-Zag" Harrows.



	Draught.	Width.	Teeth.	Weights		
				cwt.	qrs.	lb.
No. 11 (3-leaf)	2 Horses	11 feet	60	2	1	5
(2-leaf)		7½ "	40	1	2	0
No. 12 (3-leaf)	2 "	10 "	60	2	0	0
(2 leaf)		6½ "	40	1	1	0

STEEL PIPE LEVER HARROW.



These Harrows have attained a wide reputation for their strength and durability, ease of handling and adaptability for various kind of work. The sections are made with thirty or thirty five half-inch square steel teeth, as may be desired, and can be so connected as to make harrows of two sections with sixty or seventy teeth. A lever is attached to each section, by which the teeth can be given any desired slant, either for the purpose of cleaning teeth of trash, or pulverizing the soil, or for smoothing. Any of these changes in the slant of the teeth can be made without stopping the team, and the work is thorough and effective, either as a rigid or smoothing harrow. The sections are so hitched that they are independent, and will not lap together when turning.

The rails are made of steel pipe, high carbon, and will endure the severest strain. The main cross braces are steel channel bars, giving great strength for their weight. The centre cross braces are soft steel, which admit of their being bent shortly around the pipes for bracing, without developing flaws or breaks.

The teeth are steel, shouldered, or upset, to fit the under circle of the pipe through which they pass. (See cut.) This effectually prevents the teeth from turning, but they can be turned to equalise the wear by loosening the nut, or may be taken out to be sharpened if required.

Size, 60 teeth Width, 10-feet Weight, 157 lbs.
70 teeth ,, 12-feet ,, 188 lbs.

Size, 90 teeth Width, 15-feet Weight, 257 lbs
,, 105 teeth ,, 18-feet ,, 288 lbs.

Colonial Cast Chilled Shares, Guaranteed equal to Imported.

CLYDE BRANDS	To FIT UNDERNOTED PLOUGH FEET.	PRICE PER DOZEN.					
		10 6	11	11 6	12	12 6	13 6
		Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
F	Hornsby D	..	..	0 to 3	4 to 8	9	..
R	" F	..	..	0 to 5	6 to 10	..	..
C	" R	..	..	0 to 6	7 & 8	..	..
N	" C No 8,	..	..	..	0	1 & 2	3 to 7
S	" N	..	..	..	0	8	..
Boss	" S	..	..	..	..	..	3
Paragon	Howard B	..	1 & 5	6	2 11 42	..	..
Paragon New	" P	..	..	12 3 5 22	..	..	..
York	" PN	..	..	1 17	..	..	..
	Ransome 1 OH	23 4	..	5 6	..	..	..
Roy	" RNF	..	..	2	..	3 4 6 7 20 41	..
F.y	" YFL	..	..	..	..	2 3 6	5
Yawl	" YWb	..	7	..	2	..	..
Vic	" VRL	2	..	4	..	..	..
Buff	" BFI	2 3 5	..	4	..	..	..
Roll	" RL	..	..	3	..	..	..
87	" 47	..	..	..	..	87	..
BC	Ball BC	..	..	..	..	1	..
V and B	Ritchie A and B	..	..	V (A)	B	..	..
AFI, &c.	Ritchie Bros.	..	AFI	..	BF2	DH4	..
MCG	McCalman, Garde	..	..	..	MCG	..	..
NTR	Robinson	..	..	..	..	..	NTR
<>	Fish GFD	..	..	20 to 22	..	..	..
Z and GF	Fish New Patterns	..	..	20 to 24	..	..	..
NZ	Reid and Grey	..	..	..	..	..	..
		NZ1, 12 per d oz.					

Malleable Shares of all the above-named Patterns, 37 6 per dozen.
Malleable FIN Shares <> 1 and <> 8, 42s. per dozen.

Shearers' Wrought Steel Plate Shares

Are Positively the Best for Australian Use,

Being made of SPECIAL STEEL carefully treated throughout the whole process of manufacture, up to the finished article without being subjected to the

DETERIORATING EFFECTS

Of DIRECT CONTACT with COAL FIRES.

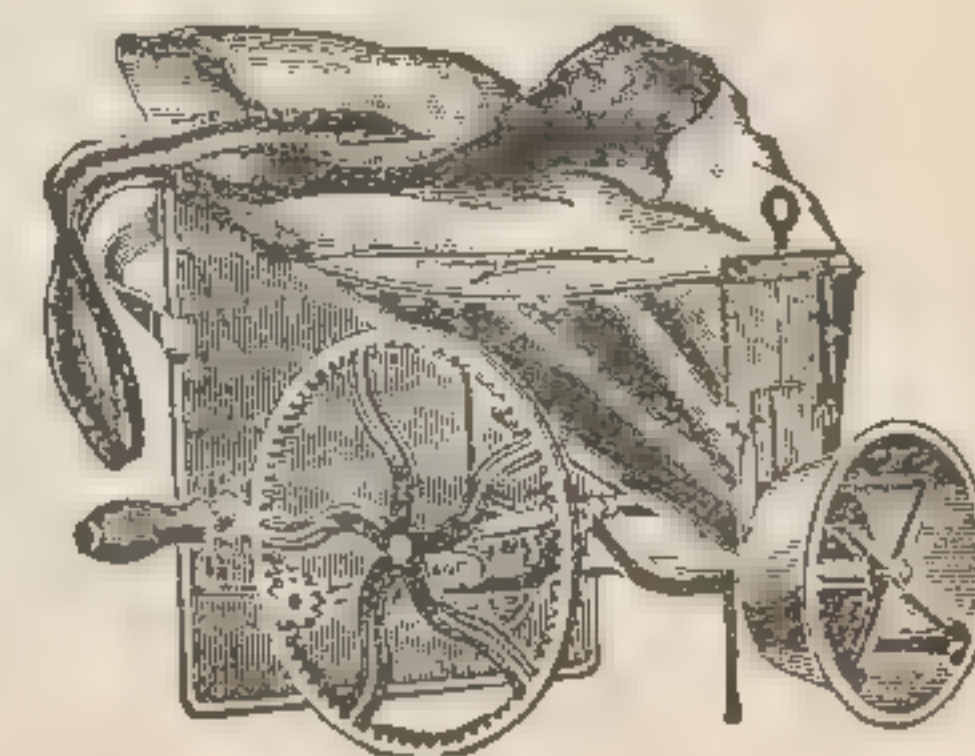
Made to Fit the Feet of all Ploughs.

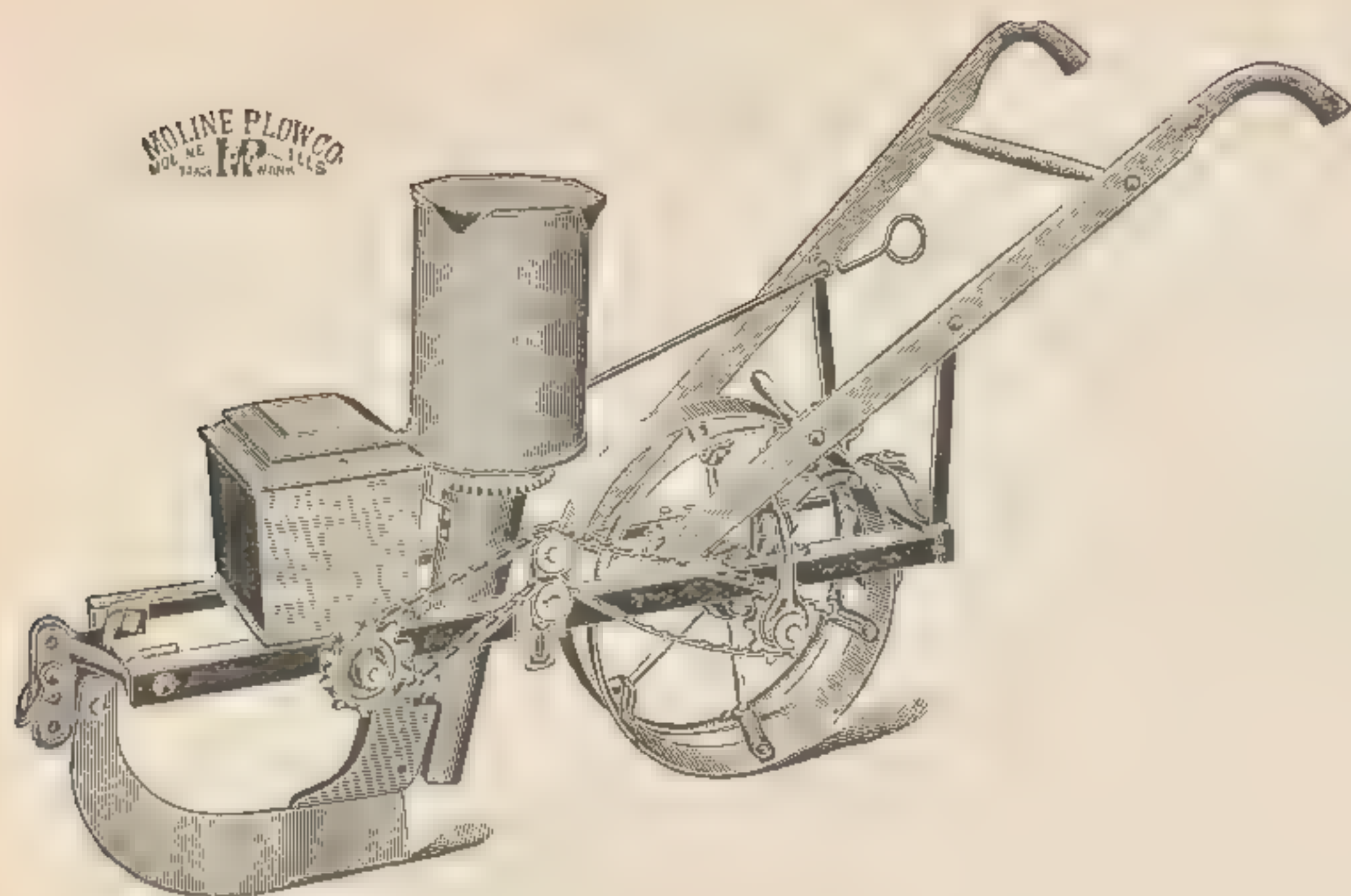
Cahoon's Broadcast Seed-Sower.

For Sowing Wheat, Barley, Oats, Hemp, Rye, Grass Seeds, &c.

Sows from four to eight acres per hour, at an ordinary walking pace, throwing out wheat about forty feet wide. They are simple in construction, easy to regulate, and cannot get out of order. A person unused to sowing by hand can use the machine with perfect success, and do work with greater accuracy than can be done by any other means whatever. They are warranted to give perfect satisfaction and to save their cost in less time than any other farm implement yet introduced.

Weight, 6lb.





"Planter's Friend" 1-Horse Corn Drill.

With New Force Feed Fertiliser Attachment.

SIMPLE, PERFECT, AND EFFECTIVE.

Some of its Merits.

The Runner cuts the furrow for the reception of the seed, which drops to the bottom, and the depth is regulated perfectly by the hitch. **The Wheels** are split concave (as shown in cut)—Provided with an automatic scraper. **The Drill** is operated by a sprocket wheel and chain driven by the covering wheel, and its action is positive and perfect; it is provided with a clutch, within easy reach of the operator, for throwing in or out of gear. **The Seed Box** is so constructed that the seed is carried in plain view of the operator before dropping, and is provided with a "knocker" that pushes the seed through the hole, should it be inclined to stick. **The Frame** is made of the best angle steel.

We Send With Planter the following Plates and Sprocket Wheels

10-hole plate, $\frac{1}{8}$ -inch hole, thin ..	6-tooth sprocket wheel ..	10-hole plates, with 6-tooth sprocket, will drop 10 inches apart
10-hole plate, $\frac{1}{8}$ -inch hole, thick ..	9-tooth sprocket wheel ..	10-hole plates, with 9-tooth sprocket, will drop 14 inches apart
10-hole plate, $\frac{3}{16}$ -inch hole, thin ..	10-tooth sprocket wheel ..	10-hole plates, with 10-tooth sprocket, will drop 16 inches apart
5-hole plate, $\frac{9}{16}$ -inch hole, thin ..	13-tooth sprocket wheel ..	10-hole plates, with 13-tooth sprocket, will drop 20 inches apart

The 5-hole plate will drop double that distance, using the same sprocket.

One Sorghum Plate is also included.

The fertilising attachment shown above is one that is bound to give satisfaction. It is independent from the seed box, and has a positive feed, which is effected by a revolving disc having a protruding lip, which feeds the fertiliser better than could be done with the hand. It is adjustable to six different feeds, with which the operator can distribute as much or as little as he desires.

Weight, 115 lbs.

Fertiliser attachment, Weight, 22 lbs.

The "Empress" Automatic Hand Corn Planter

Has no complicated machinery, and requires no special skill to use it. Will not get out of order, and will last a lifetime.

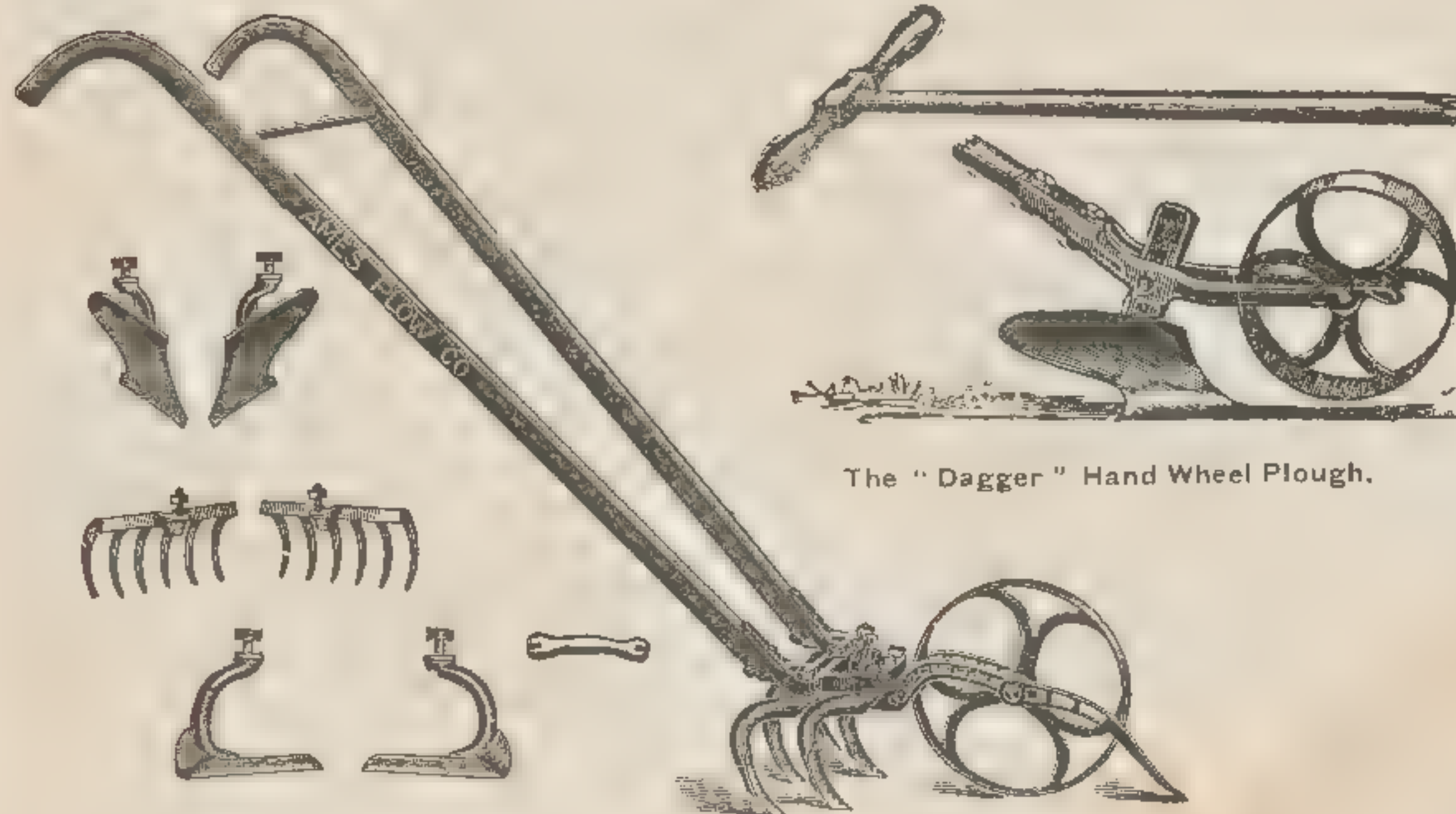
Plants with one hand as fast as a man can walk, and with great precision. More than three-fourths of the time is saved by this very simple contrivance.

It is made of best material, and finished to stand long use and all sorts of weather.

Weight, 5 lbs.



Hand Cultivators and Ploughs.



The "Dagger" Hand Wheel Plough.

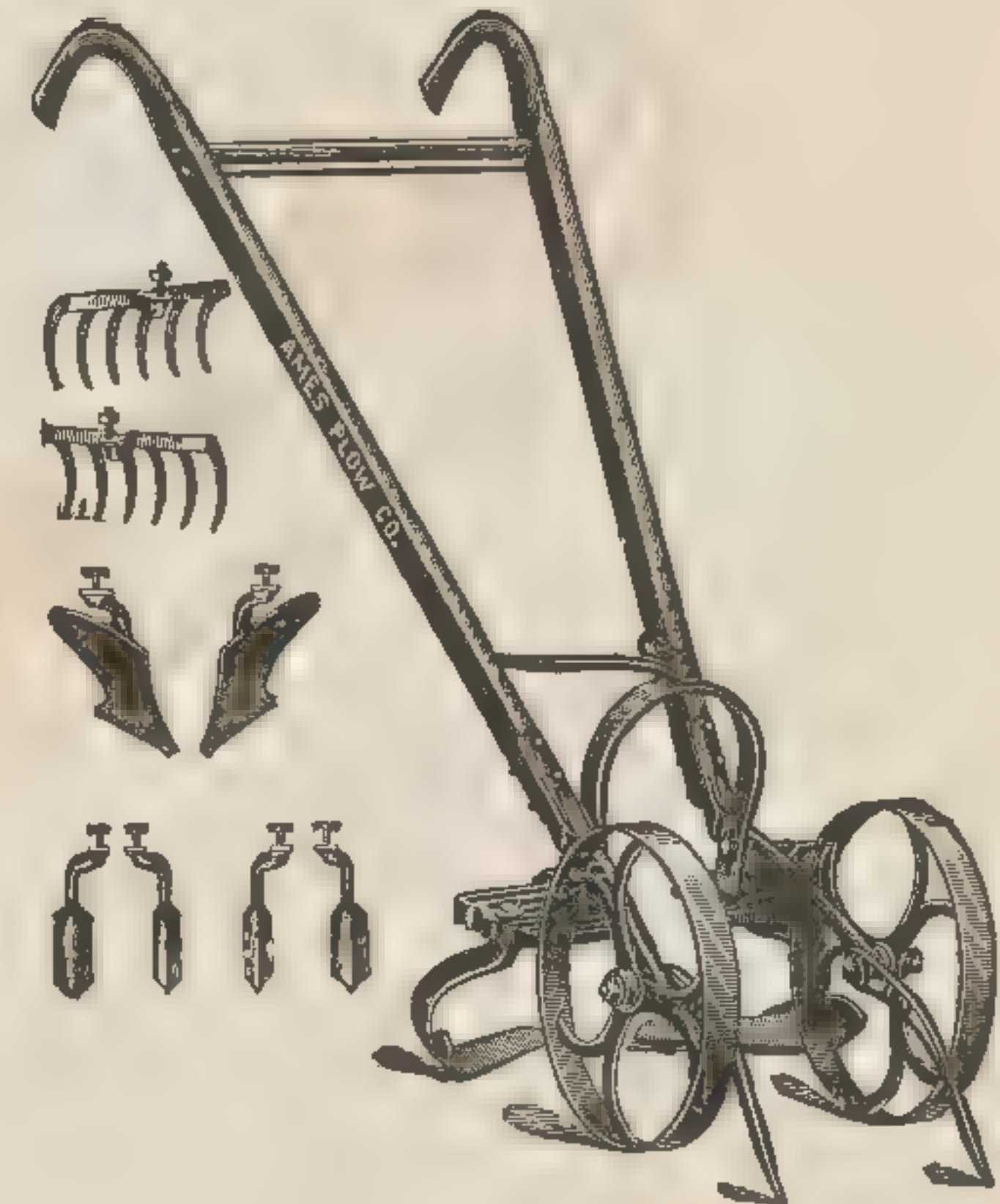
The "Dagger" Single Wheel Cultivator, Hoe, Plough and Rake

No better Seeder can be produced.

Weight,



Hill and Drill Seeder.



The "Dagger" Double Wheel Cultivator, Hoe, Plough and Rake

HAND WHEEL PLOUGH.

DOUBLE WHEEL HOE, RAKE, PLOUGH AND CULTIVATOR.
Complete.

SINGLE WHEEL, HOE, RAKE, PLOUGH AND CULTIVATOR.

HILL AND DRILL SEEDER, will sow Beet, Carrot, Onions, &c.
Peas, Beans, Broom, Corn, at any desired depth, and at regular
distances. Fitted with improved Markers, and will drop 4, 6,
8, 12, 16, 24 and inches apart.

Bentall's Famous Chaffcutters.

For Hand and Power.



Mark CDA.

C D A, with fixed mouth, $7\frac{1}{4}$ inch wide, cuts 2 lengths

C S A with spring rising mouth, $7\frac{1}{4}$ -inch wide, cuts 2 lengths

C X B with rising mouth, $7\frac{1}{4}$ -inch wide, cuts 2 lengths

C S B, with spring rising mouth, $8\frac{1}{4}$ -inch wide, cuts 2 lengths

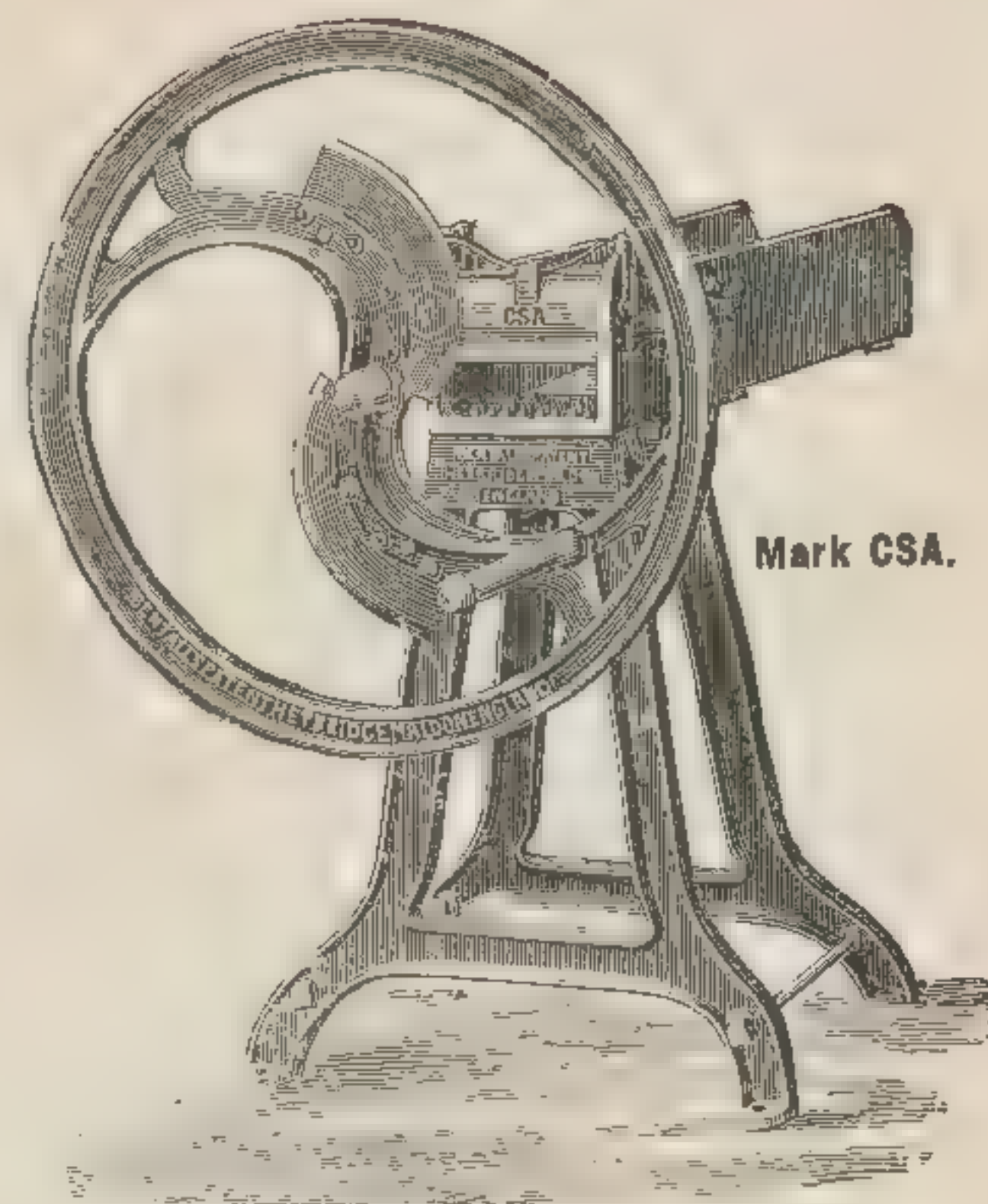
C D Z, with rising mouth, $8\frac{1}{4}$ -inch wide, cuts 2 lengths

C D C, with rising mouth, $8\frac{1}{4}$ inch wide, cuts 2 lengths

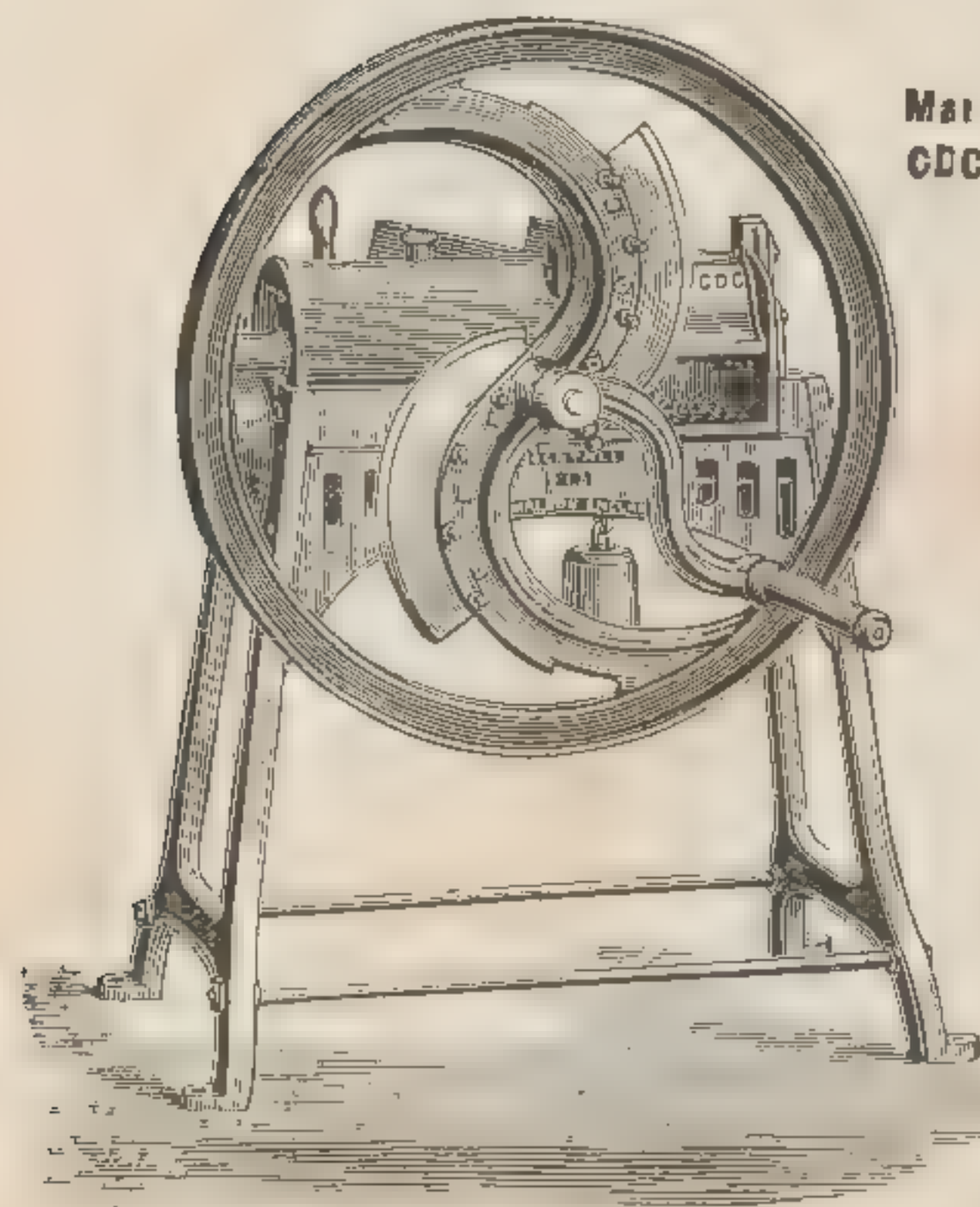
C M C, with rising mouth, $8\frac{1}{4}$ -inch wide, cuts 2 lengths

C E B, with rising mouth, $9\frac{1}{4}$ -inch wide, cuts 2 lengths

Any of above with large fly-wheel 42 inch diameter, 5s. extra.



Mark CSA.



Mark CDC.

***C E D**, with rising mouth, $9\frac{1}{4} \times 4$ in. wide, cut 3 lengths

***C E E**, with rising mouth, $9\frac{1}{4} \times 4$ in. wide, cut 3 lengths

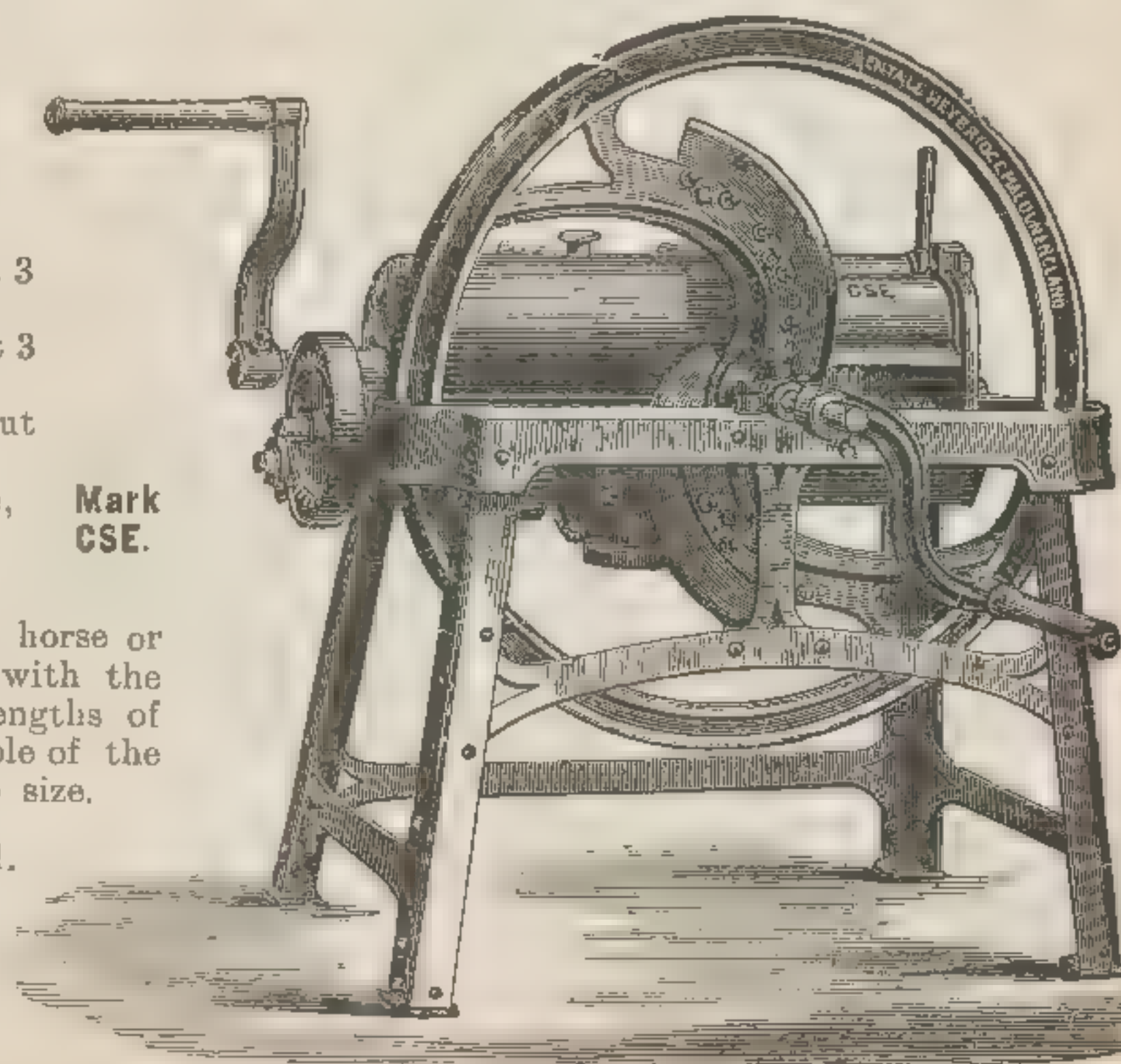
***C S E**, with rising mouth, $10 \times 3\frac{3}{4}$ in. wide, cut 3 lengths

***C E I**, with rising mouth, $11\frac{1}{4} \times 4\frac{3}{8}$ in. wide, cut 3 lengths

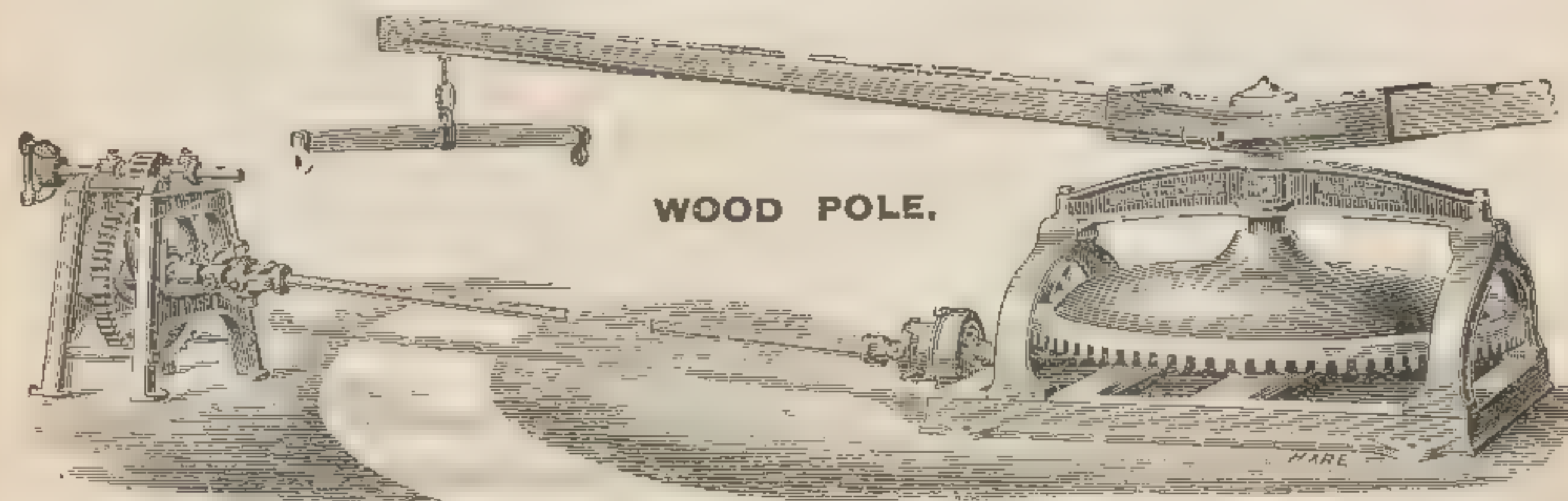
Mark CSE.

* These machines are recommended for either horse or steam power, or oil engine; they are fitted with the stopping and reversing motion. Cut three lengths of chaff, viz., $\frac{1}{4}$, $\frac{7}{16}$ ths, and $\frac{3}{8}$, and have the whole of the cog-wheels covered. Pulleys extra, according to size.

C E E, cuts $\frac{3}{16}$ ths, $\frac{1}{2}$ and $\frac{7}{8}$. **C E I**, $\frac{1}{4}$, $\frac{1}{2}$ and 1.



Bentall's Improved Horse Gears.



HGB IMPROVED TWO-HORSE GEAR, with 42-inch DRIVING WHEEL and REVERSIBLE SAFETY CLUTCH
IMK SEPARATE INTERMEDIATE MOTION, with renewable cast bearings.. ..

Weight, about 12½ cwt

HGA IMPROVED ONE-HORSE GEAR, with 36-inch Driving Wheel, Reversible Safety Clutch, and Cap for Two Horses
IMK SEPARATE INTERMEDIATE MOTION, with renewable cast bearings.. ..

Weight, about 10½ cwt.

The H G A is similar in construction to the H G B It is strongly made, and is fitted with an Improved Reversible Safety Clutch. The pinion shaft revolves at a speed of 6½ to one of the Horse, and by means of the separate Intermediate, the speed can be increased to any number of revolutions.

P GA LIGHT, ONE-HORSE GEAR, with Reversible Safety Clutch, with the Intermediate on the frame.

Weight, about 5½ cwt.

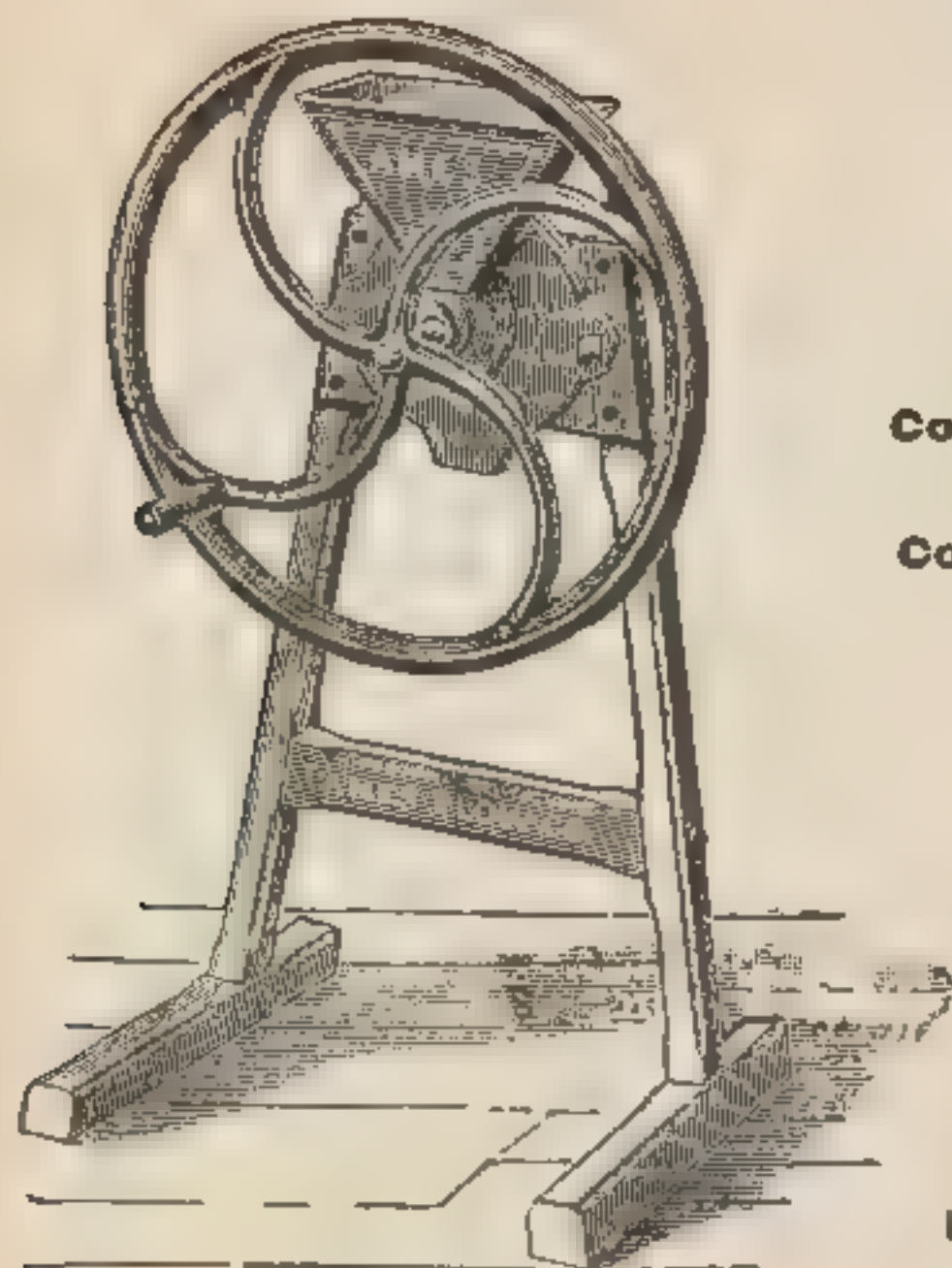
This Gear is especially adapted for driving Churns, Pumps, small Chaff-cutters, and other Food-preparing Machines. It is fitted with an improved Reversible Safety Clutch, which prevents the pole from running on to the pony when stopped, and enables the machine to be worked in either direction. The first motion makes 6½ revolutions. The wheels and pinions belonging to this Gear all made to fit the same centres, so that other wheels and pinions can be supplied, to change the speed of the Gear.



Light One-Horse Gear, with separate Intermediate Motion.

PGB GEAR, Single Motion. Speed 8 to 1
IML INTERMEDIATE MOTION, with Renewal Cast Bearings... } Weight, about 6 cwt.

MILLS, &C.

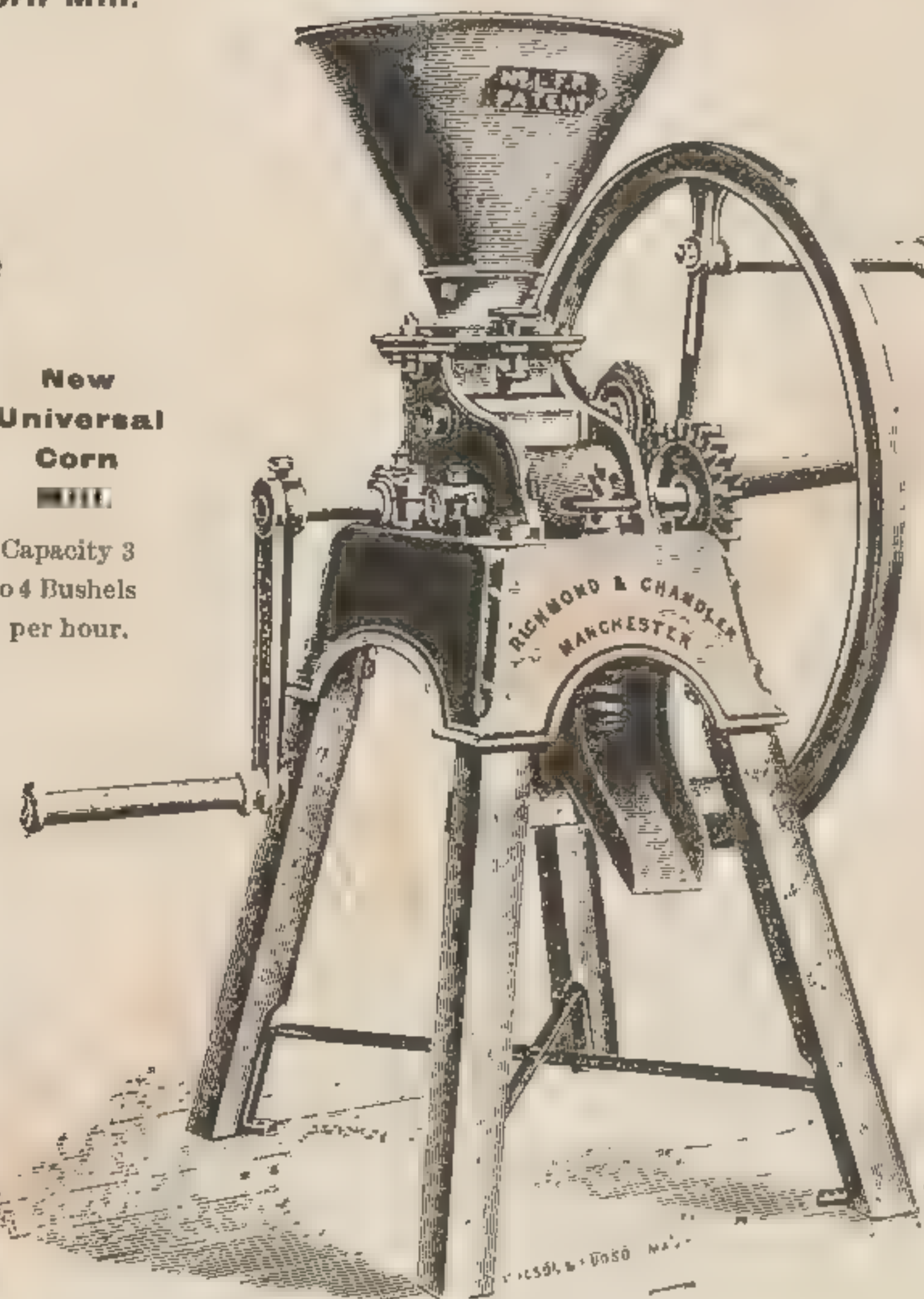


Ames
Plow
Company's
Hand
Corn Mill.

Ames No. 3, capacity 1 to 3 bushels per hour
 " " 4, " 2 to 4 " "
 " " 5, " 3 to 5 " "

New
Universal
Corn
MILL

Capacity 3
to 4 Bushels
per hour.



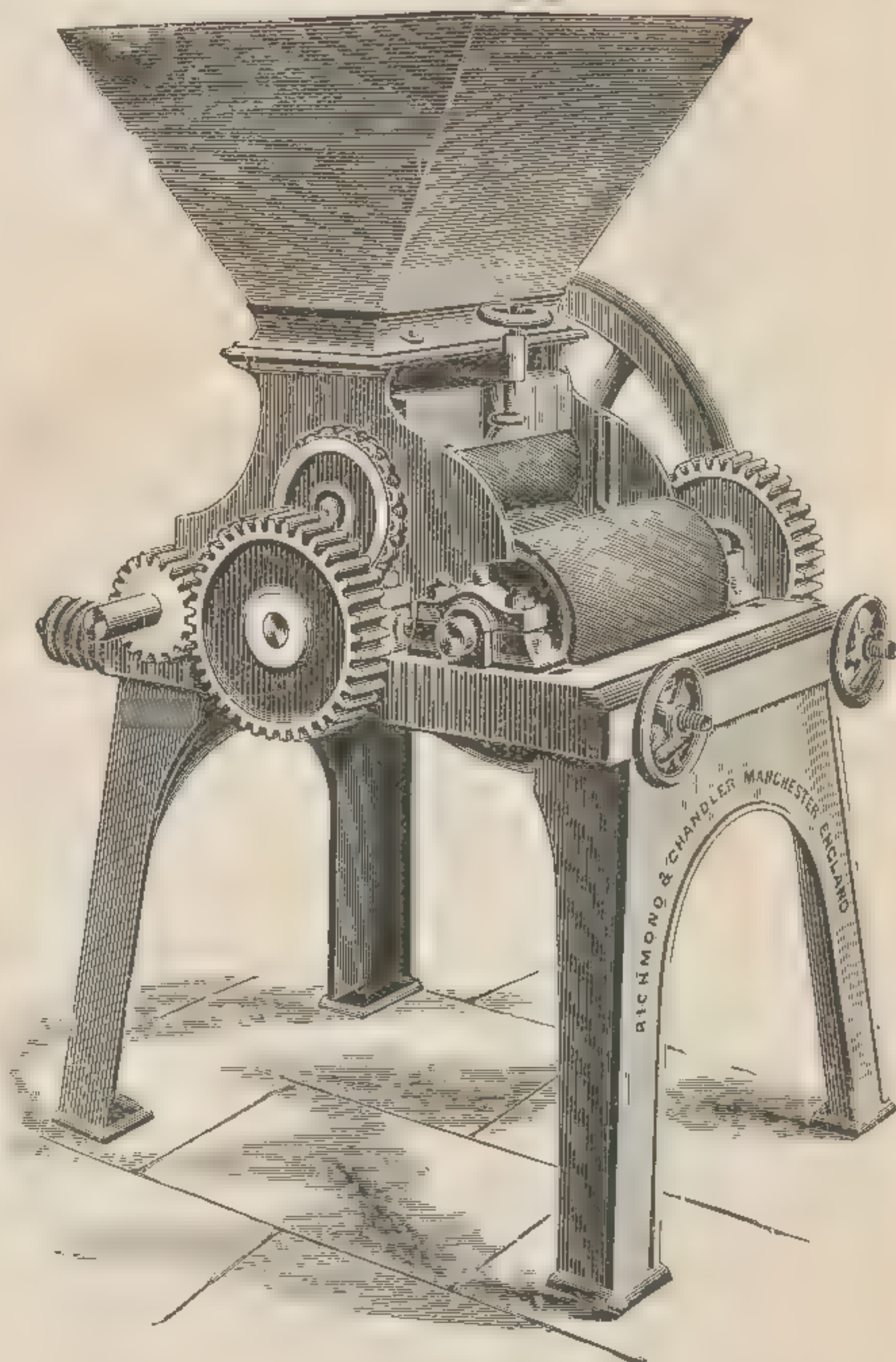
N.F.R. Corn Crusher.

Capacity 4 to 6 Bushels per hour.

Also 1 F.R., Capacity 5 to 10 Bushels per
hour. Speed,

2 F.R., Capacity 8 to 14 Bushels per hour.
Speed, 100 rev. per hour.

Pulleys extra.

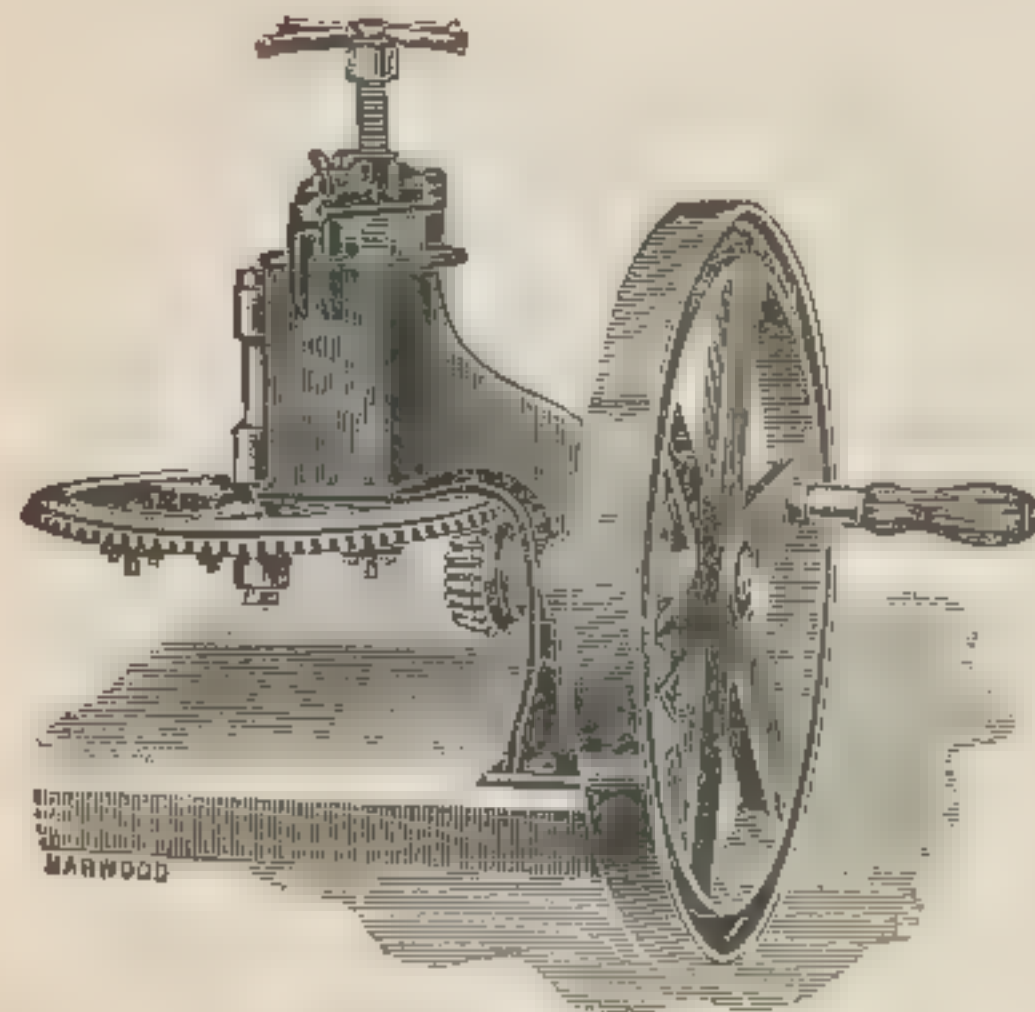


No. 3 F.R. Corn Crusher

Capacity 20 to 30 Bushels per hour. Speed, 200 rev. per hour.

Pulleys extra.

"Dandy" Green Bone Cutter.



No. 0 "Dandy."

Weight, 65 lbs.
Bone-box, $3\frac{1}{4} \times 4\frac{1}{8} \times 6$ in.
Capacity, 50 to 60 Fowls.

Green bone is a necessity to best results in the poultry yard. "Best results" means results at the least expense.

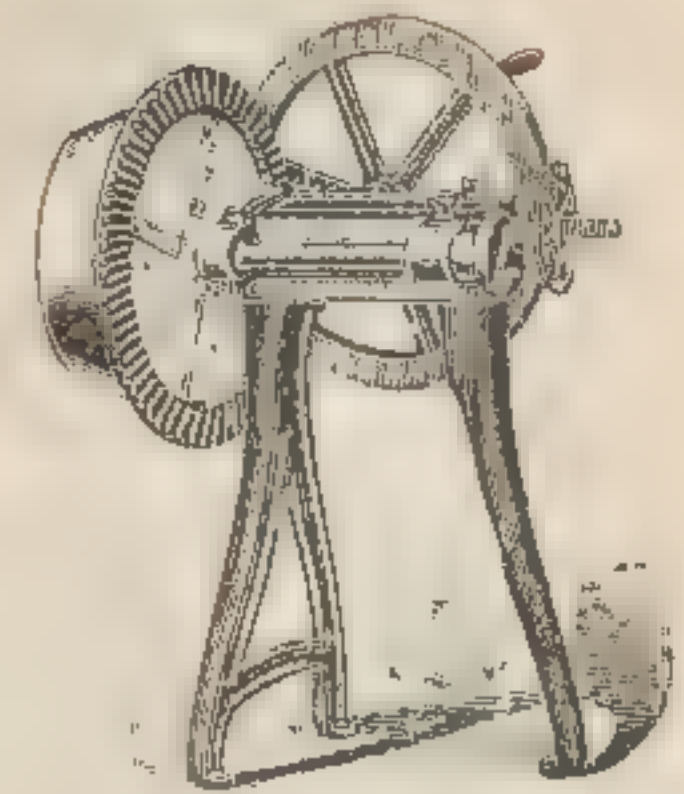
Green bone means more eggs, and the bone cutter ought to be looked upon, not as an additional expense to the poultry keeper, but as an economy, a money-saver, a reducer of expenses. That is exactly what it does.

Green bone makes eggs, because it is rich in the material required for egg production, and because it keeps the hens in a laying condition.

Green bone makes flesh, because it is rich in flesh forming material.

Green bone keeps your flock healthy, because it keeps the birds in a vigorous condition, full of vitality, enabling them to resist disease.

No. 0	Weight, 65 lbs.	Capacity, 50 to 60 fowls
No. 9	100 lbs.	100 to 150 "
No. 11	130 lbs.	200 to 250 "
No. 13	180 lbs.	to 1000 "



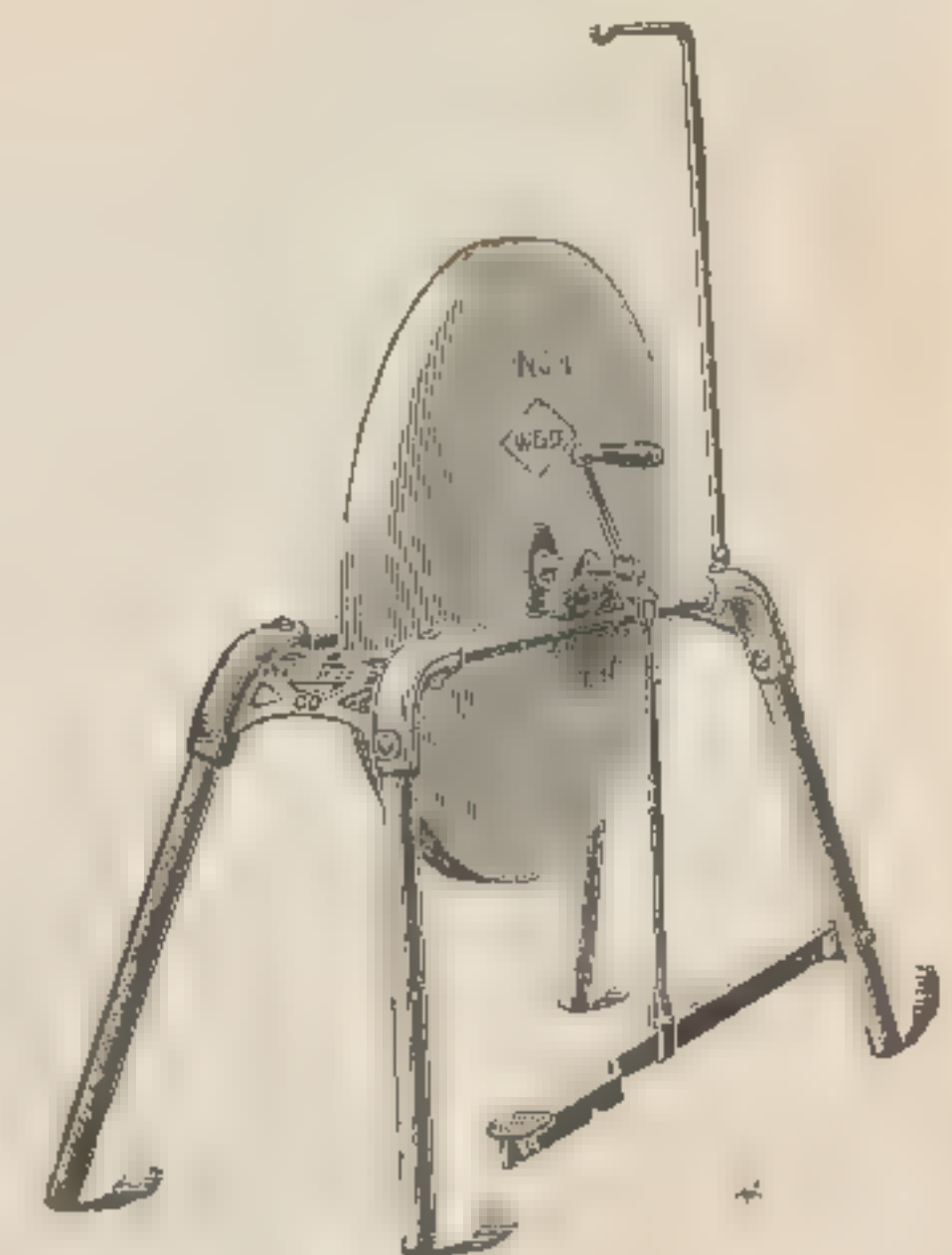
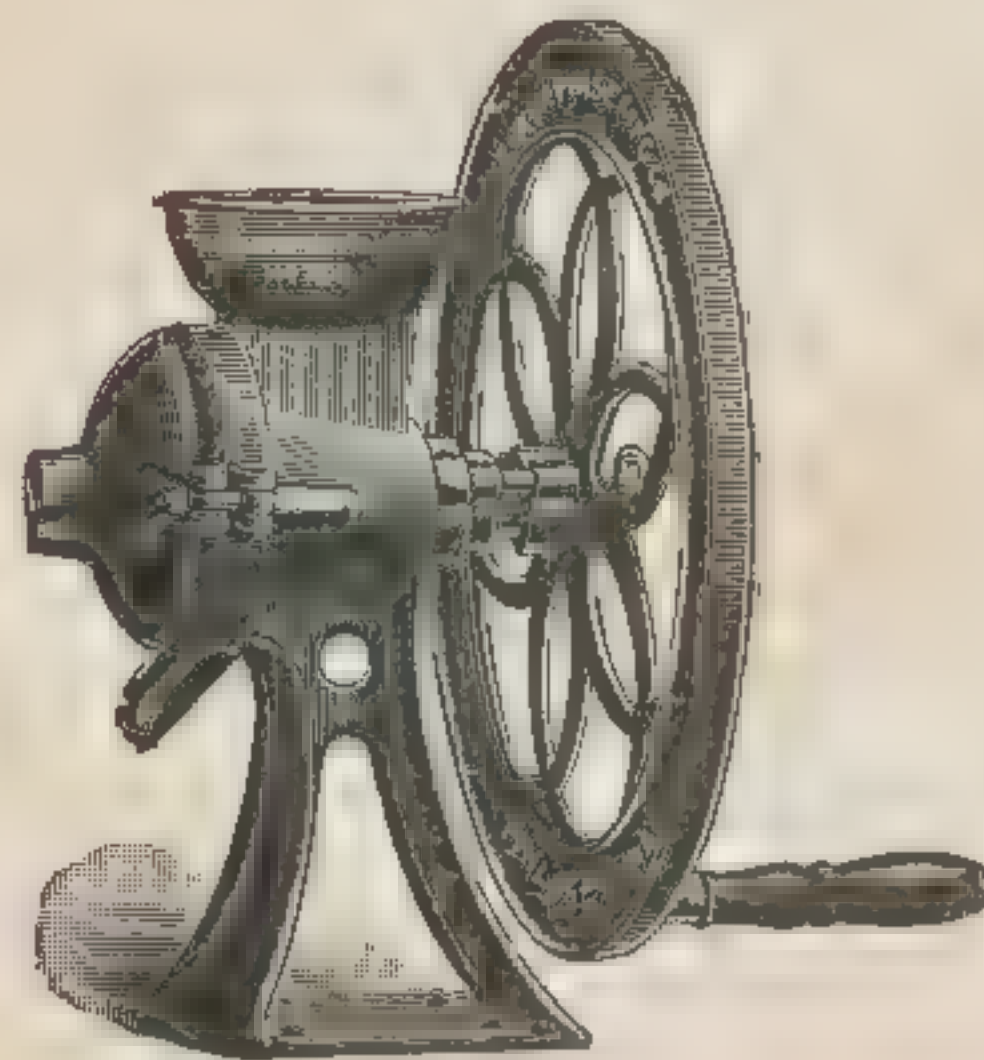
No. 9 "Dandy."

Weight, 100 lbs.
Bone-box, $3\frac{1}{2} \times 3 \times 11$ in.
Capacity, 100 to 150 Fowls.

"Enterprise" Bone, Shell, and Corn Mill.

CAPACITY:—1½ BUSHELS OF CORN PER HOUR.

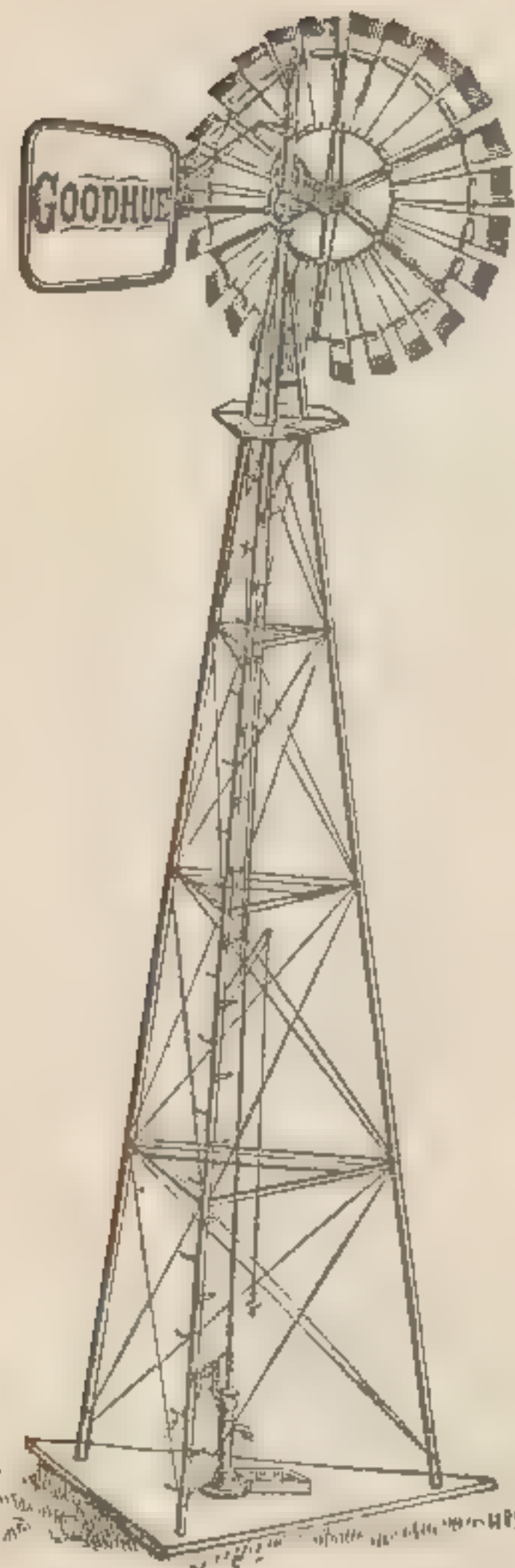
It is a well-known fact that Bone Meal, Ground Shell, Cracked Corn, &c., are excellent for Poultry. These Mills are especially adapted for grinding Bones (when dry only), Shells, Corn, Roots, Bark, Grain, Chicken Feed, Salt, &c. When it is considered that Bone Meal is one of the best fertilizers, they will soon pay for themselves for that purpose alone. They are good general Mills for Farmers, Poultrymen, &c., and for compactness, strength, and durability we regard them as unexcelled.



Tubular Grindstone

The "Goodhue" Back-Geared Windmill.

With Steel Tower.



The superiority of this Mill is invariably conceded wherever it has been seen and used in comparison with any other. Back geared Mills have had objectionable features among them, being liable to breakage on account of their many working parts. In these Mills there are no weights or springs, and only about one-third to one half as many working parts and connecting pieces as are found on others. The "Goodhue" in a 50-mile gale gives the pump from 38 to 40 strokes a minute, just the same in any wind, always giving the right motion to the pump. This is due to a New Device in Governoring, which is now on all these Mills, and places the "Goodhue" far ahead of all others. The working parts are ample size, and the gears larger and stronger than in other makes of the same sized wheel, and never require renewing, and are covered to prevent the rain from washing out the oil. The Mill is galvanised after completion, and has three strokes - 5 inches, 7 inches, and 9 inches.

6 ft., weight 270 lbs.
30 ft. Steel Tower

8 ft., weight 380 lbs.
30 ft. Steel Tower

10 ft., weight 450 lbs.
30 ft. Steel Tower

"Columbus" Solid Steel Scraper,

with Steel Runners.

The Leading All Steel Drag Scraper.

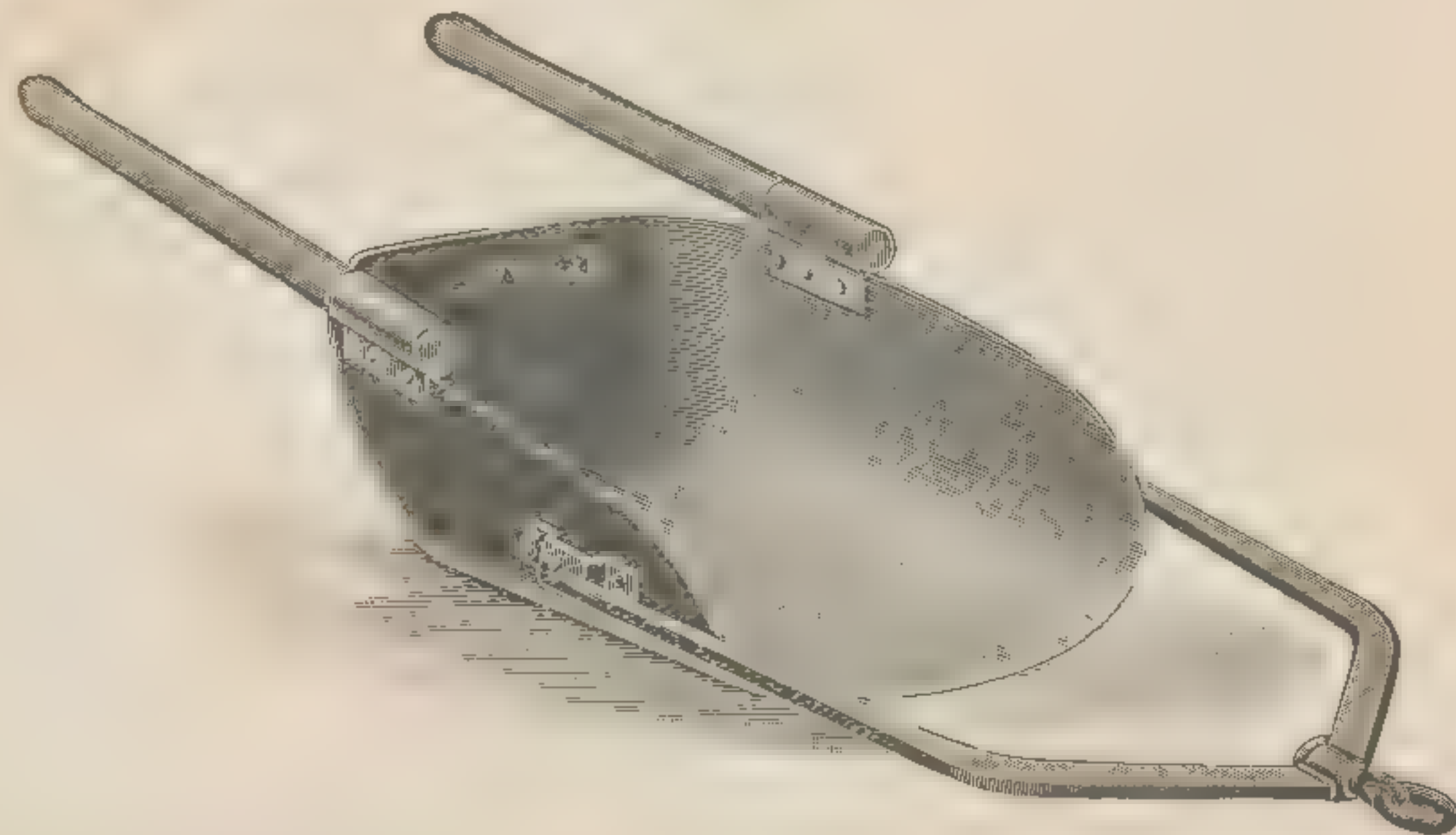
THE PERFECT SCRAPER, made of a single sheet of steel, pressed into the best and most practicable shape for working.

It is made with one continuous curve from the centre up the sides and back, giving it greater strength and capacity than can be obtained in any other way.

It is without joint or seam, and there is not a sharp corner, angle, bolt, or stay rod about the scraper.

It will work in any kind of soil, whether ploughed or not, and enters the ground as readily as a plough.

We guarantee it to fill easier and clean better than any other scraper, and it will scour where no other scraper will.



The handles will commend themselves to everyone, as they can, if broken, be easily replaced anywhere.

Bail of steel, and of improved pattern, with strong and perfect working swivels. The best bails ever put on scrapers.

It is the Lightest, Strongest, and most Durable, and will displace all others wherever it is known.

Size.	Weight.
No. 00.—13 ft. earth . .	265 lbs.
No. 0.—10 ft. „ . .	125 lbs.
No. 1.—7 ft. „ . .	102 lbs.

Size.	Weight.
No. 2.—5 ft. earth . .	94 lbs.
No. 3.—3 ft. „ . .	85 lbs.

"Dagger" Drilling Machines.

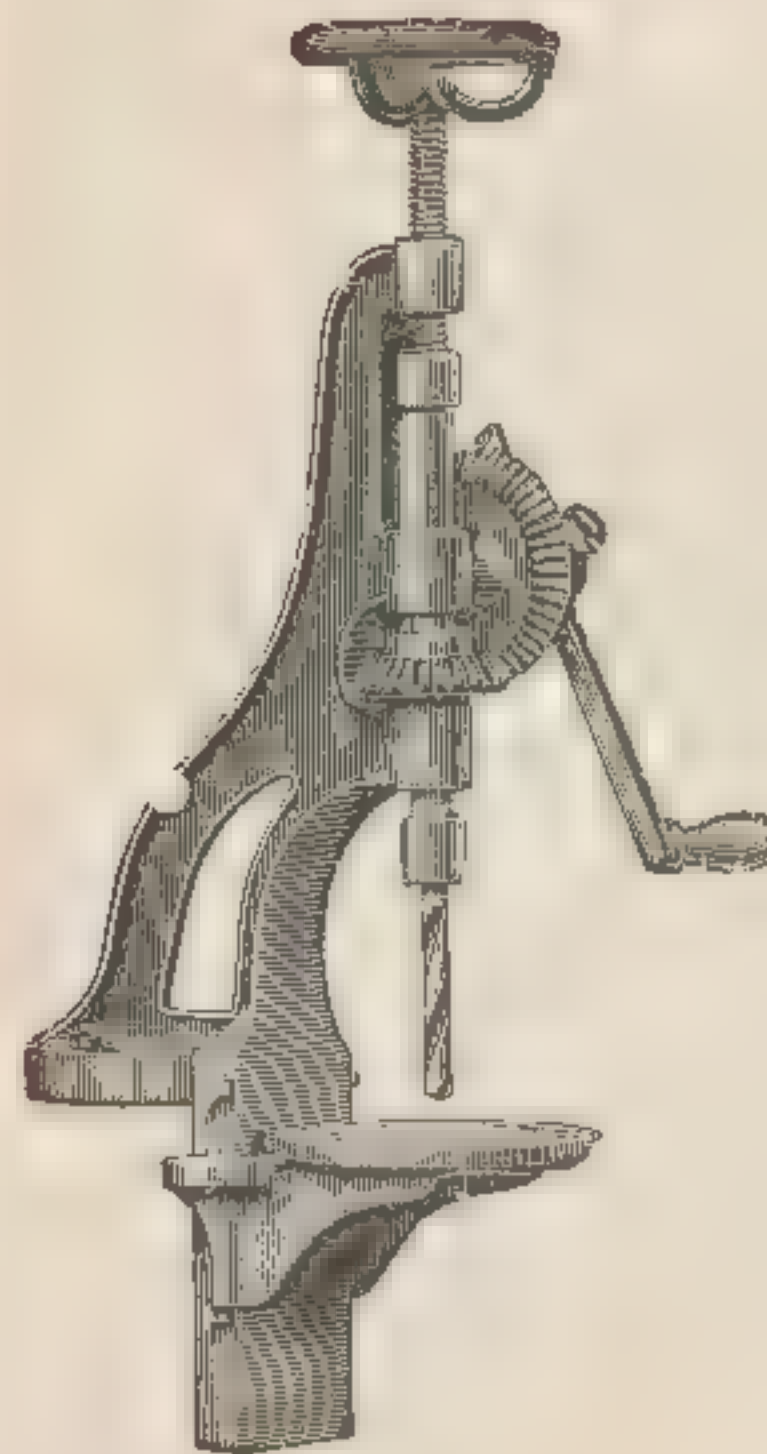
No. 1. Will Drill from $\frac{1}{2}$ to 1 inch Hole. Diameter of spindle, $1\frac{1}{4}$ -inch; length, 12 inches; will drill hole in centre of 11-inch Circle, $2\frac{1}{2}$ inches deep; greatest depth from spindle to table, 12 inches; and uses $\frac{1}{2}$ -inch round shank drills.

No. $1\frac{1}{2}$ is similar, but heavier, and will drill to a 12-inch circle. Will drill from $\frac{1}{2}$ to $1\frac{1}{4}$ -inch hole.

No. 2 will drill from $\frac{1}{2}$ to $1\frac{1}{4}$ inch hole; 20 inches from spindle to table.

No. 3. - 15 16-inch spindle, 15 inches long, and will drill the centre of 16-inch circle; 22 inches from spindle to table.

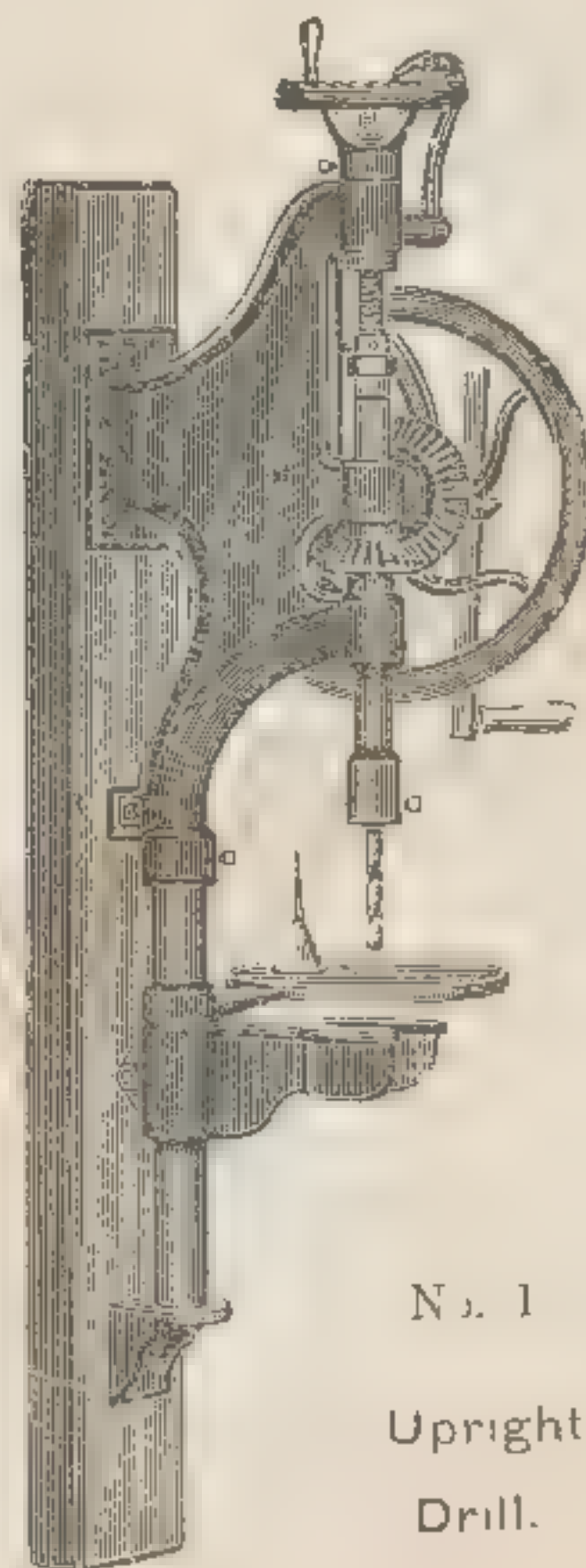
All the above are fitted with Automatic Feed.
All these Drills take $\frac{1}{2}$ -inch Straight Shank Bits.



No. 8.

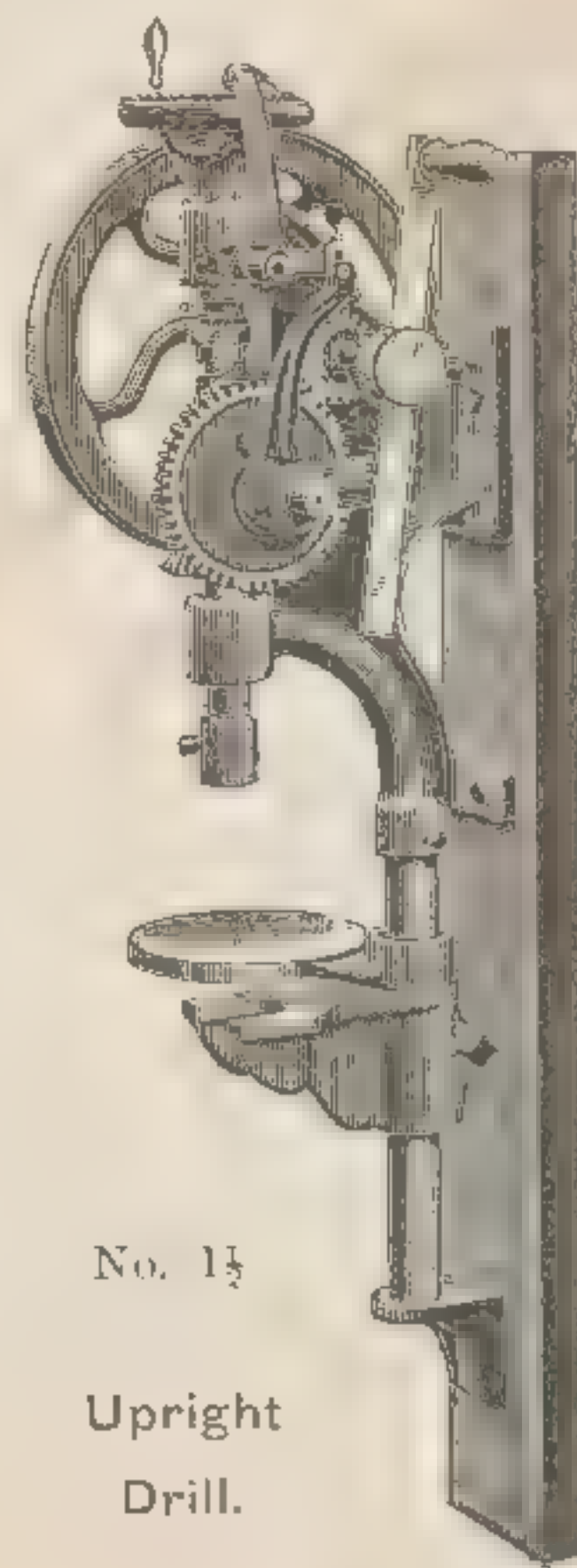
Upright Bench Drill.

Drills $\frac{1}{2}$ to $\frac{3}{4}$ inch hole; length, 33 inches; weight, 55 lbs.; drills to centre of a 10-inch circle; hole in spindle for $\frac{1}{2}$ -inch straight shank drills.



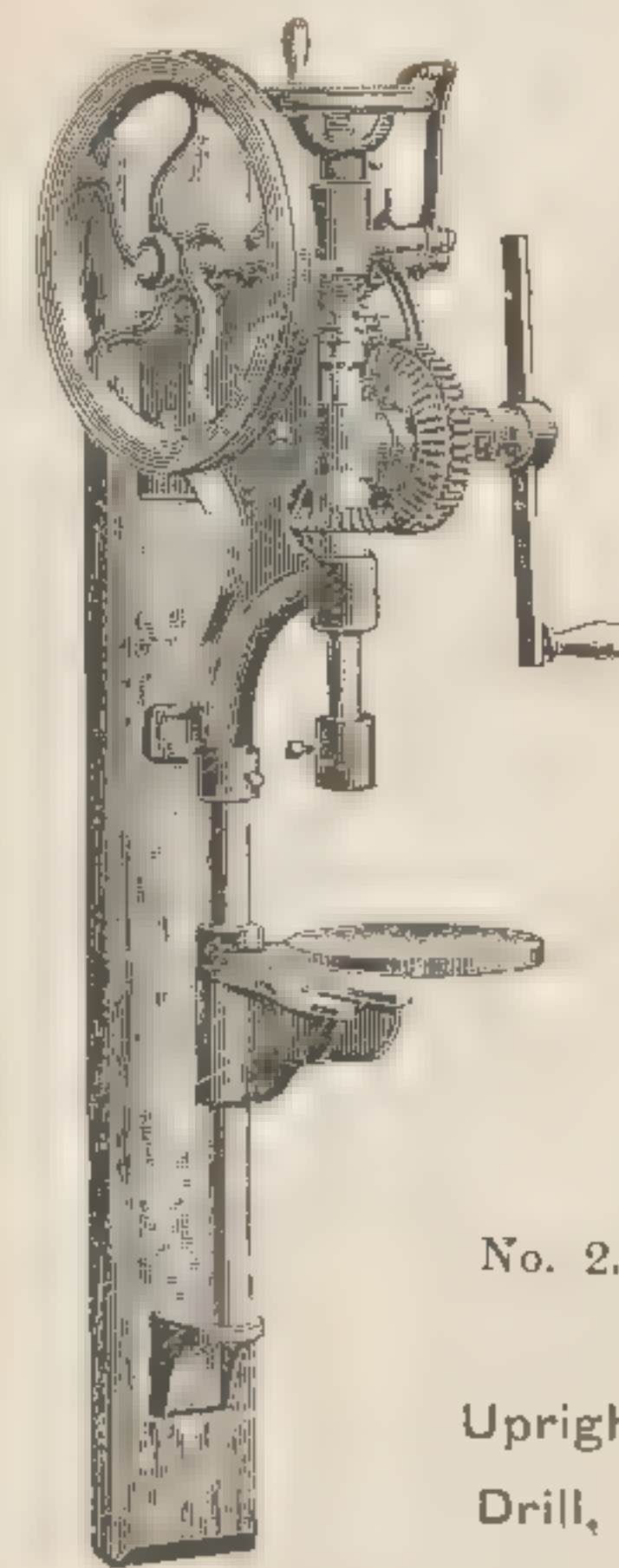
No. 1

Upright
Drill.



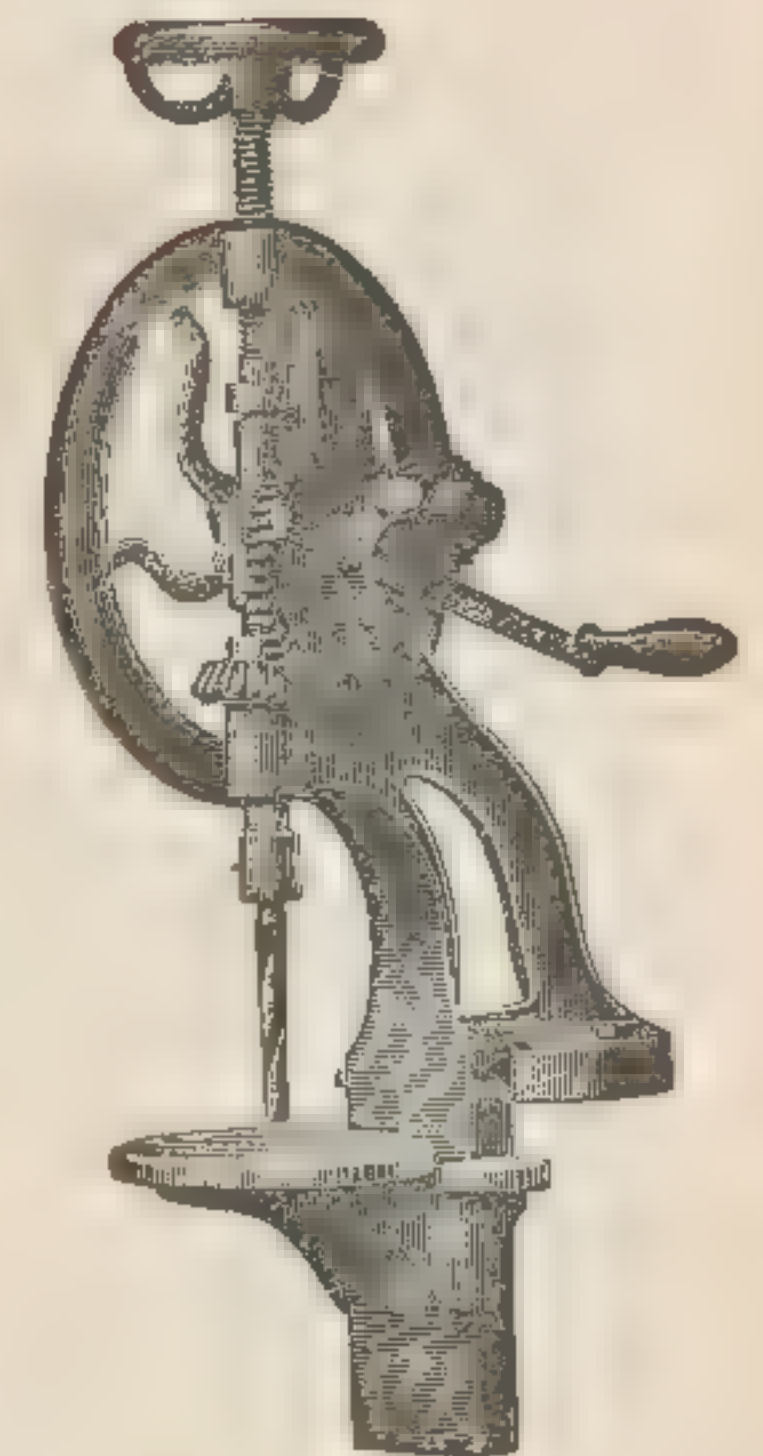
No. $1\frac{1}{2}$

Upright
Drill.



No. 2.

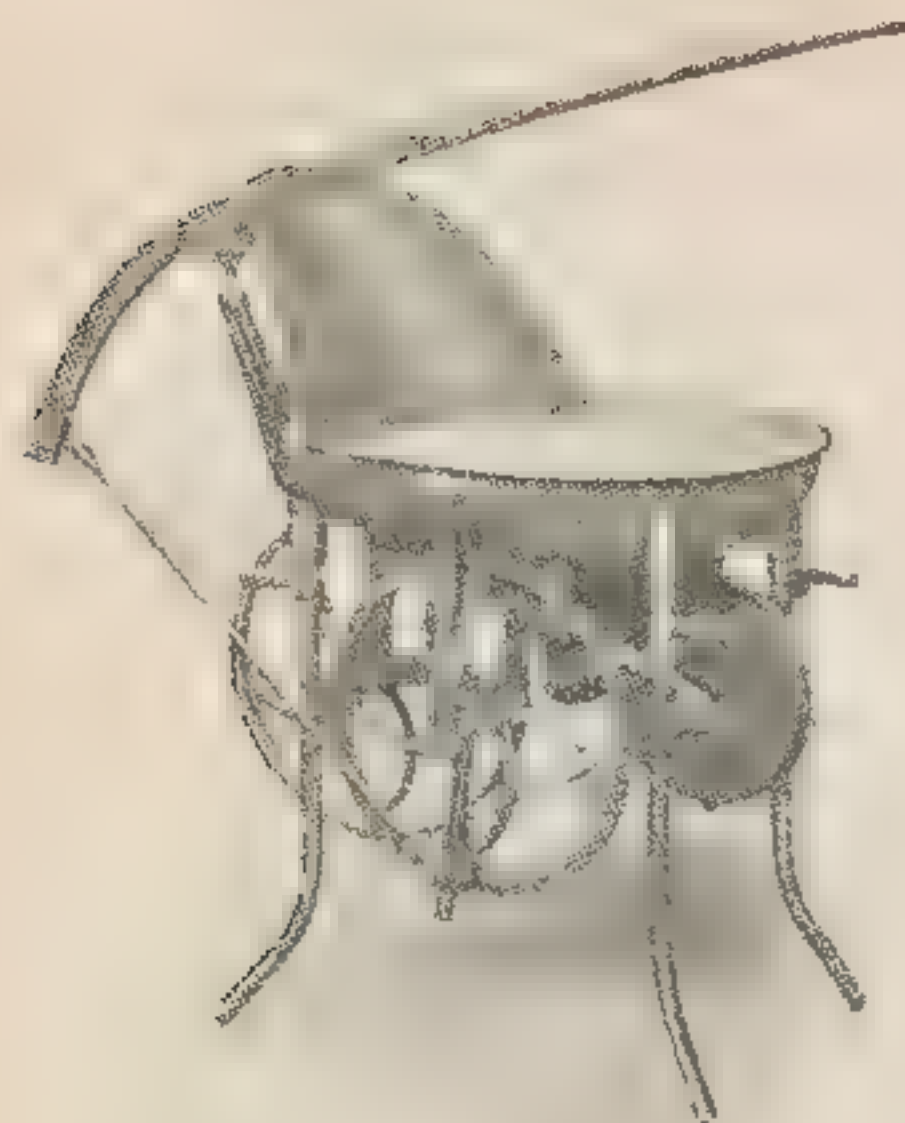
Upright
Drill,



No. 9

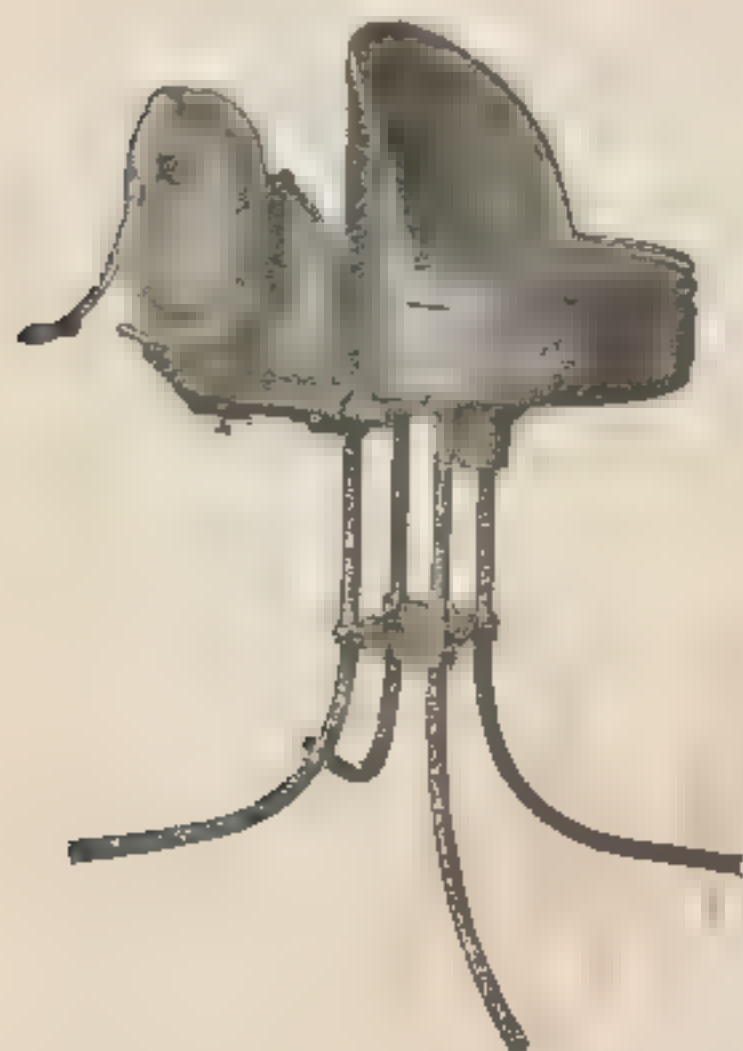
Upright Bench Drill.

Drills $\frac{1}{2}$ to 1 inch hole; length, 33 inches; weight, 75 lbs.; drills to centre of a 10-inch circle; hole in spindle for $\frac{1}{2}$ -inch straight shank drills.



No. 3. Buffalo
Height 26 in., Fan 10 in.,
Hearth 21 in. x 27 in.
Weight, 140 lbs.

With Geared Hand Blowers



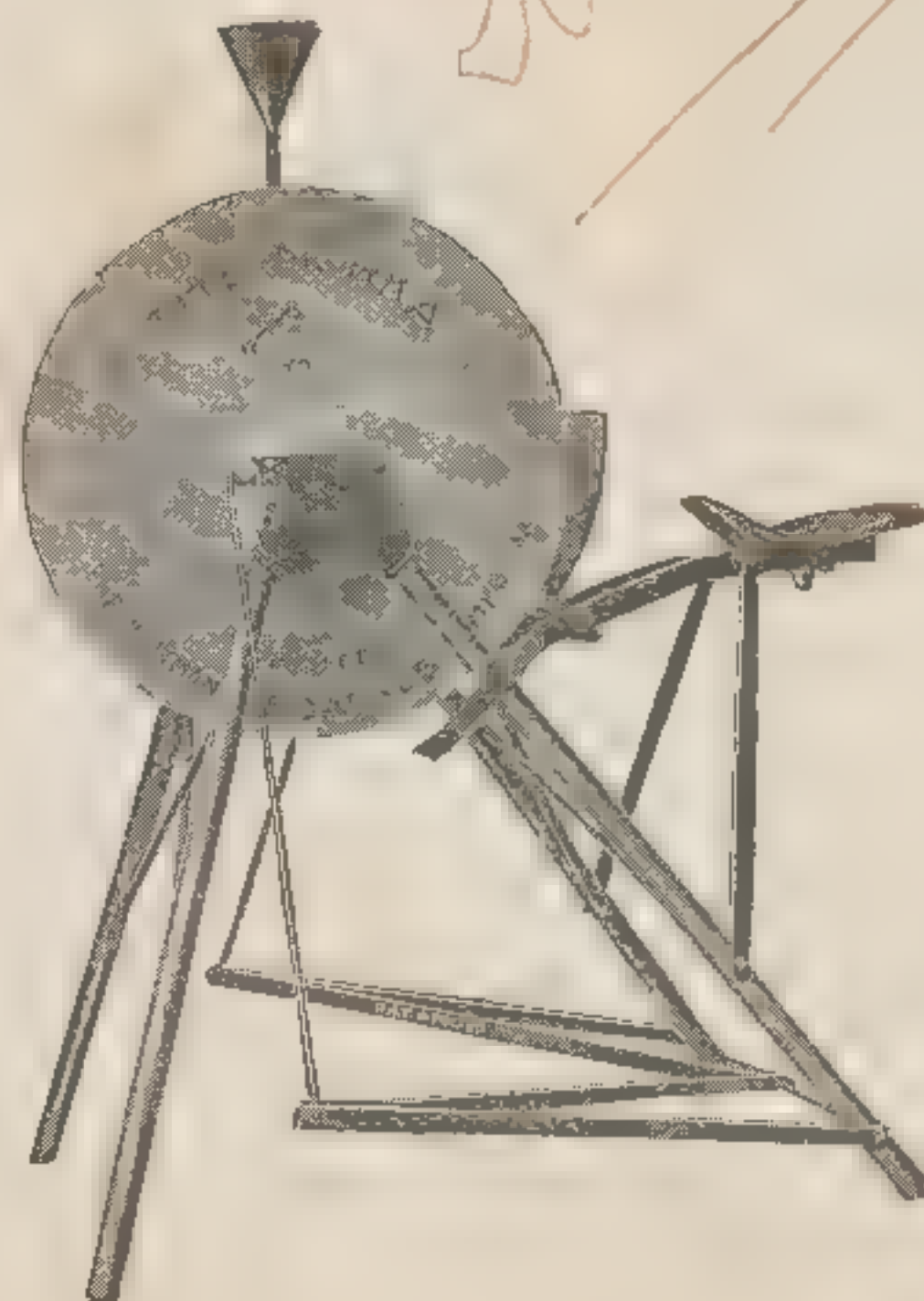
Buffalo Forge, No. 625, with Dash

Dimensions—

No. of Forge ...No. 625...No. 625 B
Size of Hearth 18 in. ... 24 in.
Shipping Weight 140 lbs. ... 160 lbs.

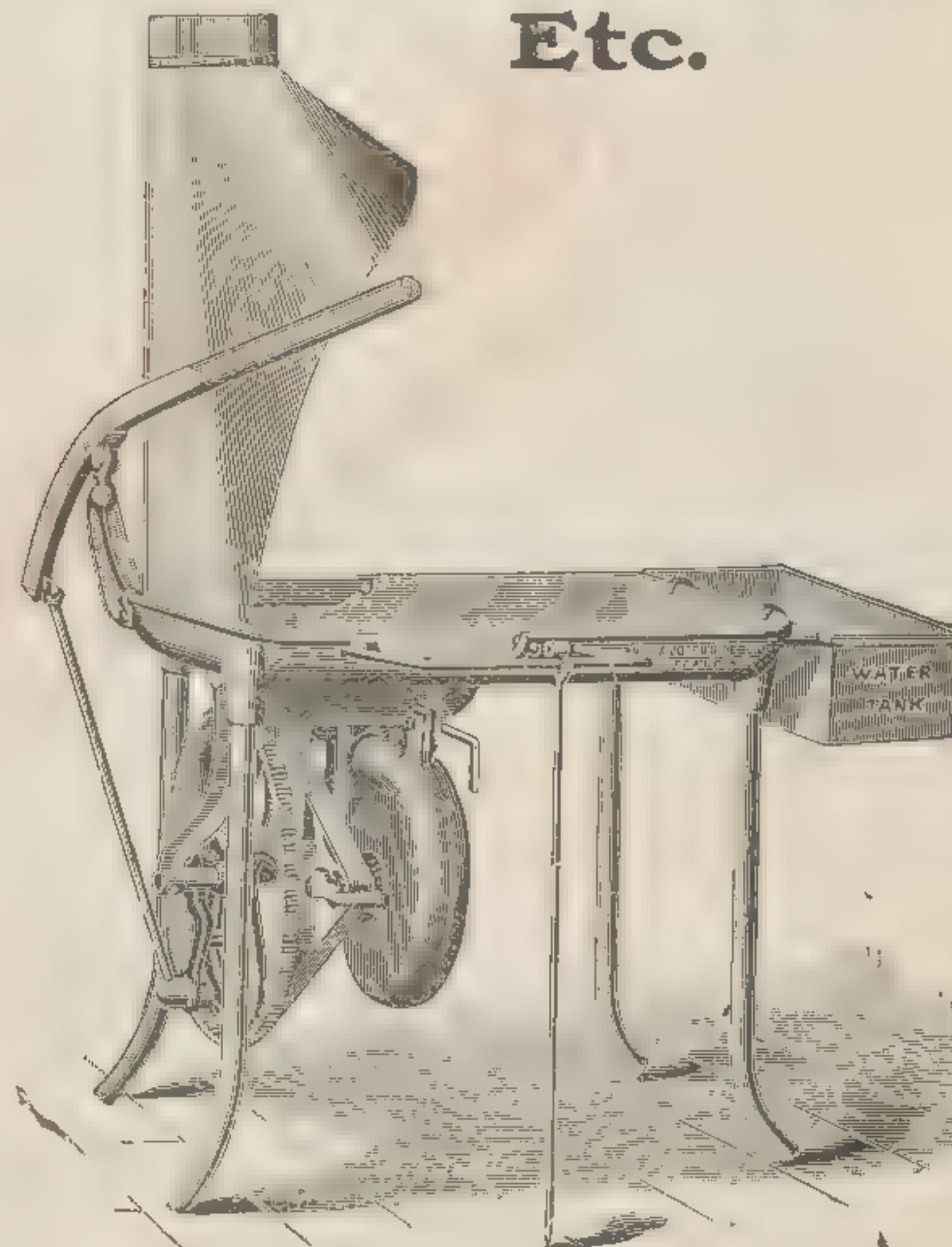


No. 5 Buffalo Forge.
Height, 33 in., Hearth, 18 in.
Weight, 70 lbs.



The Norka Grindstone.

Portable Forges, Etc.



No. O. Buffalo Forge. With Canopy.
Height, 30 in.; Hearth, 28 x 40 in.; Weight, 300 lbs.

THE NORKA GRINDSTONE.

Frame built of 1 inch heavy Tubular Steel, strongly braced. Cannot tip backwards or sideways.

Stone is of selected grit and runs on anti-friction bearings. Finished in blue and black.

Portable Forges, Etc.—Contd.

BUFFALO No. 200 GEARED HAND BLOWERS.

"THE PRIDE OF THE MODERN SMITHY"

The following features render the BUFFALO No. 200 BLOWER far in advance of any mechanism ever designed to blow a blacksmith's fire.

The Gears are cut and finished on Special Machinery, and are of the spur and helical variety.

The Bearings are extra long, and are bored and reamed to gauge in the solid stock. No brass boxes to wear throwing gears out of line or requiring adjustment. Gears run in oil in a dust-proof case, which can be removed without disturbing the mechanism. Gears are broad and strong, with large properly formed teeth. Blower is adjustable for height and fan casing will deliver blast in any direction.

When once oiled blower remains in perfect running condition for months.

Height to crank, 38-44 in. (adjustable). Diam. of fan case, 12 in. Weight, Blower, 70 lbs.



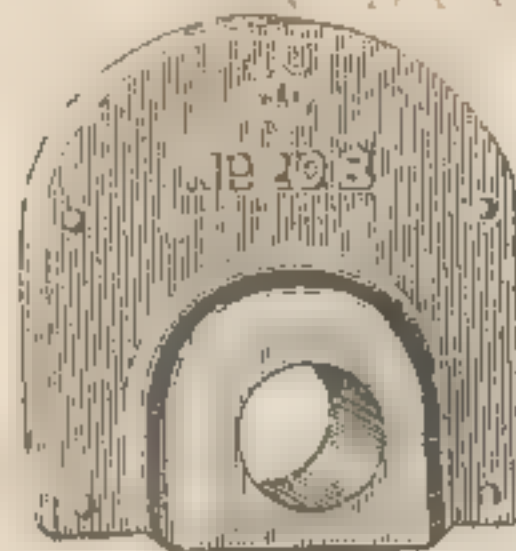
BUFFALO PORTABLE DOWN DRAFT FORGES 600

Buffalo Portable Down Draft Forges 600.

The latest advance in Blacksmith Forge construction—All smoke and gases instantly removed with a simple blower, and no exterior attachments.

On turning the crank of the powerful No. 200 BLOWER, attached to these forges, all smoke and gases from the fire are drawn into the cast iron exhaust hood by means of the draft produced by a connection to fan case. The larger portion of the gases escape up the stack by reason of the natural and induced draft, while a part is returned to tuyere through fan. A separate connection direct from blast pipe into stack strengthens the natural draft, and is used when the fire is being started.

This forge is built with a cast-iron hearth 28 x 40 inches and 32 inches above the floor. Shipping weight, 270 lbs.



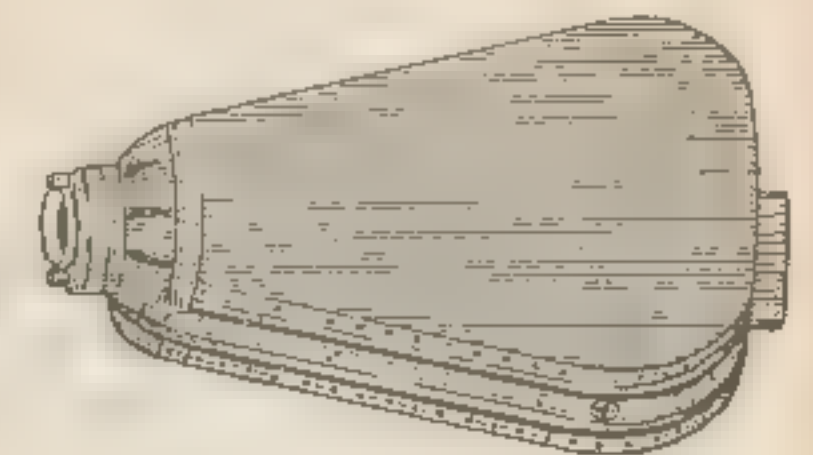
FORGE BACK.
3½, 4, 4½, 4¾, 5 in. Hole.



COM. TYE IRON.

Blacksmiths' Bellows

Reversible Pipe.



38/-, 46/-, 54/-, 64/-, 75/-, 84/-, 100/-, 115/-, 130/-, 146/-, 160/-, 176/-, 192/-, 208/-, 224/-, 240/-, 256/-, 272/-, 288/-, 304/-, 320/-, 336/-, 352/-, 368/-, 384/-, 400/-, 416/-, 432/-, 448/-, 464/-, 480/-, 496/-, 512/-, 528/-, 544/-, 560/-, 576/-, 592/-, 608/-, 624/-, 640/-, 656/-, 672/-, 688/-, 704/-, 720/-, 736/-, 752/-, 768/-, 784/-, 800/-, 816/-, 832/-, 848/-, 864/-, 880/-, 896/-, 912/-, 928/-, 944/-, 960/-, 976/-, 992/-, 1008/-, 1024/-, 1040/-, 1056/-, 1072/-, 1088/-, 1104/-, 1120/-, 1136/-, 1152/-, 1168/-, 1184/-, 1200/-, 1216/-, 1232/-, 1248/-, 1264/-, 1280/-, 1296/-, 1312/-, 1328/-, 1344/-, 1360/-, 1376/-, 1392/-, 1408/-, 1424/-, 1440/-, 1456/-, 1472/-, 1488/-, 1504/-, 1520/-, 1536/-, 1552/-, 1568/-, 1584/-, 1600/-, 1616/-, 1632/-, 1648/-, 1664/-, 1680/-, 1696/-, 1712/-, 1728/-, 1744/-, 1760/-, 1776/-, 1792/-, 1808/-, 1824/-, 1840/-, 1856/-, 1872/-, 1888/-, 1904/-, 1920/-, 1936/-, 1952/-, 1968/-, 1984/-, 2000/-, 2016/-, 2032/-, 2048/-, 2064/-, 2080/-, 2096/-, 2112/-, 2128/-, 2144/-, 2160/-, 2176/-, 2192/-, 2208/-, 2224/-, 2240/-, 2256/-, 2272/-, 2288/-, 2304/-, 2320/-, 2336/-, 2352/-, 2368/-, 2384/-, 2400/-, 2416/-, 2432/-, 2448/-, 2464/-, 2480/-, 2496/-, 2512/-, 2528/-, 2544/-, 2560/-, 2576/-, 2592/-, 2608/-, 2624/-, 2640/-, 2656/-, 2672/-, 2688/-, 2704/-, 2720/-, 2736/-, 2752/-, 2768/-, 2784/-, 2800/-, 2816/-, 2832/-, 2848/-, 2864/-, 2880/-, 2896/-, 2912/-, 2928/-, 2944/-, 2960/-, 2976/-, 2992/-, 3008/-, 3024/-, 3040/-, 3056/-, 3072/-, 3088/-, 3104/-, 3120/-, 3136/-, 3152/-, 3168/-, 3184/-, 3200/-, 3216/-, 3232/-, 3248/-, 3264/-, 3280/-, 3296/-, 3312/-, 3328/-, 3344/-, 3360/-, 3376/-, 3392/-, 3408/-, 3424/-, 3440/-, 3456/-, 3472/-, 3488/-, 3504/-, 3520/-, 3536/-, 3552/-, 3568/-, 3584/-, 3600/-, 3616/-, 3632/-, 3648/-, 3664/-, 3680/-, 3696/-, 3712/-, 3728/-, 3744/-, 3760/-, 3776/-, 3792/-, 3808/-, 3824/-, 3840/-, 3856/-, 3872/-, 3888/-, 3904/-, 3920/-, 3936/-, 3952/-, 3968/-, 3984/-, 4000/-, 4016/-, 4032/-, 4048/-, 4064/-, 4080/-, 4096/-, 4112/-, 4128/-, 4144/-, 4160/-, 4176/-, 4192/-, 4208/-, 4224/-, 4240/-, 4256/-, 4272/-, 4288/-, 4304/-, 4320/-, 4336/-, 4352/-, 4368/-, 4384/-, 4400/-, 4416/-, 4432/-, 4448/-, 4464/-, 4480/-, 4496/-, 4512/-, 4528/-, 4544/-, 4560/-, 4576/-, 4592/-, 4608/-, 4624/-, 4640/-, 4656/-, 4672/-, 4688/-, 4704/-, 4720/-, 4736/-, 4752/-, 4768/-, 4784/-, 4800/-, 4816/-, 4832/-, 4848/-, 4864/-, 4880/-, 4896/-, 4912/-, 4928/-, 4944/-, 4960/-, 4976/-, 4992/-, 5008/-, 5024/-, 5040/-, 5056/-, 5072/-, 5088/-, 5104/-, 5120/-, 5136/-, 5152/-, 5168/-, 5184/-, 5200/-, 5216/-, 5232/-, 5248/-, 5264/-, 5280/-, 5296/-, 5312/-, 5328/-, 5344/-, 5360/-, 5376/-, 5392/-, 5408/-, 5424/-, 5440/-, 5456/-, 5472/-, 5488/-, 5504/-, 5520/-, 5536/-, 5552/-, 5568/-, 5584/-, 5600/-, 5616/-, 5632/-, 5648/-, 5664/-, 5680/-, 5696/-, 5712/-, 5728/-, 5744/-, 5760/-, 5776/-, 5792/-, 5808/-, 5824/-, 5840/-, 5856/-, 5872/-, 5888/-, 5904/-, 5920/-, 5936/-, 5952/-, 5968/-, 5984/-, 6000/-, 6016/-, 6032/-, 6048/-, 6064/-, 6080/-, 6096/-, 6112/-, 6128/-, 6144/-, 6160/-, 6176/-, 6192/-, 6208/-, 6224/-, 6240/-, 6256/-, 6272/-, 6288/-, 6304/-, 6320/-, 6336/-, 6352/-, 6368/-, 6384/-, 6400/-, 6416/-, 6432/-, 6448/-, 6464/-, 6480/-, 6496/-, 6512/-, 6528/-, 6544/-, 6560/-, 6576/-, 6592/-, 6608/-, 6624/-, 6640/-, 6656/-, 6672/-, 6688/-, 6704/-, 6720/-, 6736/-, 6752/-, 6768/-, 6784/-, 6800/-, 6816/-, 6832/-, 6848/-, 6864/-, 6880/-, 6896/-, 6912/-, 6928/-, 6944/-, 6960/-, 6976/-, 6992/-, 7008/-, 7024/-, 7040/-, 7056/-, 7072/-, 7088/-, 7104/-, 7120/-, 7136/-, 7152/-, 7168/-, 7184/-, 7200/-, 7216/-, 7232/-, 7248/-, 7264/-, 7280/-, 7296/-, 7312/-, 7328/-, 7344/-, 7360/-, 7376/-, 7392/-, 7408/-, 7424/-, 7440/-, 7456/-, 7472/-, 7488/-, 7504/-, 7520/-, 7536/-, 7552/-, 7568/-, 7584/-, 7600/-, 7616/-, 7632/-, 7648/-, 7664/-, 7680/-, 7696/-, 7712/-, 7728/-, 7744/-, 7760/-, 7776/-, 7792/-, 7808/-, 7824/-, 7840/-, 7856/-, 7872/-, 7888/-, 7904/-, 7920/-, 7936/-, 7952/-, 7968/-, 7984/-, 8000/-, 8016/-, 8032/-, 8048/-, 8064/-, 8080/-, 8096/-, 8112/-, 8128/-, 8144/-, 8160/-, 8176/-, 8192/-, 8208/-, 8224/-, 8240/-, 8256/-, 8272/-, 8288/-, 8304/-, 8320/-, 8336/-, 8352/-, 8368/-, 8384/-, 8400/-, 8416/-, 8432/-, 8448/-, 8464/-, 8480/-, 8496/-, 8512/-, 8528/-, 8544/-, 8560/-, 8576/-, 8592/-, 8608/-, 8624/-, 8640/-, 8656/-, 8672/-, 8688/-, 8704/-, 8720/-, 8736/-, 8752/-, 8768/-, 8784/-, 8800/-, 8816/-, 8832/-, 8848/-, 8864/-, 8880/-, 8896/-, 8912/-, 8928/-, 8944/-, 8960/-, 8976/-, 8992/-, 9008/-, 9024/-, 9040/-, 9056/-, 9072/-, 9088/-, 9104/-, 9120/-, 9136/-, 9152/-, 9168/-, 9184/-, 9200/-, 9216/-, 9232/-, 9248/-, 9264/-, 9280/-, 9296/-, 9312/-, 9328/-, 9344/-, 9360/-, 9376/-, 9392/-, 9408/-, 9424/-, 9440/-, 9456/-, 9472/-, 9488/-, 9504/-, 9520/-, 9536/-, 9552/-, 9568/-, 9584/-, 9600/-, 9616/-, 9632/-, 9648/-, 9664/-, 9680/-, 9696/-, 9712/-, 9728/-, 9744/-, 9760/-, 9776/-, 9792/-, 9808/-, 9824/-, 9840/-, 9856/-, 9872/-, 9888/-, 9904/-, 9920/-, 9936/-, 9952/-, 9968/-, 9984/-, 10000/-, 10016/-, 10032/-, 10048/-, 10064/-, 10080/-, 10096/-, 10112/-, 10128/-, 10144/-, 10160/-, 10176/-, 10192/-, 10208/-, 10224/-, 10240/-, 10256/-, 10272/-, 10288/-, 10304/-, 10320/-, 10336/-, 10352/-, 10368/-, 10384/-, 10400/-, 10416/-, 10432/-, 10448/-, 10464/-, 10480/-, 10496/-, 10512/-, 10528/-, 10544/-, 10560/-, 10576/-, 10592/-, 10608/-, 10624/-, 10640/-, 10656/-, 10672/-, 10688/-, 10704/-, 10720/-, 10736/-, 10752/-, 10768/-, 10784/-, 10800/-, 10816/-, 10832/-, 10848/-, 10864/-, 10880/-, 10896/-, 10912/-, 10928/-, 10944/-, 10960/-, 10976/-, 10992/-, 11008/-, 11024/-, 11040/-, 11056/-, 11072/-, 11088/-, 11104/-, 11120/-, 11136/-, 11152/-, 11168/-, 11184/-, 11200/-, 11216/-, 11232/-, 11248/-, 11264/-, 11280/-, 11296/-, 11312/-, 11328/-, 11344/-, 11360/-, 11376/-, 11392/-, 11408/-, 11424/-, 11440/-, 11456/-, 11472/-, 11488/-, 11504/-, 11520/-, 11536/-, 11552/-, 11568/-, 11584/-, 11600/-, 11616/-, 11632/-, 11648/-, 11664/-, 11680/-, 11696/-, 11712/-, 11728/-, 11744/-, 11760/-, 11776/-, 11792/-, 11808/-, 11824/-, 11840/-, 11856/-, 11872/-, 11888/-, 11904/-, 11920/-, 11936/-, 11952/-, 11968/-, 11984/-, 12000/-, 12016/-, 12032/-, 12048/-, 12064/-, 12080/-, 12096/-, 12112/-, 12128/-, 12144/-, 12160/-, 12176/-, 12192/-, 12208/-, 12224/-, 12240/-, 12256/-, 12272/-, 12288/-, 12304/-, 12320/-, 12336/-, 12352/-, 12368/-, 12384/-, 12400/-, 12416/-, 12432/-, 12448/-, 12464/-, 12480/-, 12496/-, 12512/-, 12528/-, 12544/-, 12560/-, 12576/-, 12592/-, 12608/-, 12624/-, 12640/-, 12656/-, 12672/-, 12688/-, 12704/-, 12720/-, 12736/-, 12752/-, 12768/-, 12784/-, 12800/-, 12816/-, 12832/-, 12848/-, 12864/-, 12880/-, 12896/-, 12912/-, 12928/-, 12944/-, 12960/-, 12976/-, 12992/-, 13008/-, 13024/-, 13040/-, 13056/-, 13072/-, 13088/-, 13104/-, 13120/-, 13136/-, 13152/-, 13168/-, 13184/-, 13200/-, 13216/-, 13232/-, 13248/-, 13264/-, 13280/-, 13296/-, 13312/-, 13328/-, 13344/-, 13360/-, 13376/-, 13392/-, 13408/-, 13424/-, 13440/-, 13456/-, 13472/-, 13488/-, 13504/-, 13520/-, 13536/-, 13552/-, 13568/-, 13584/-, 13600/-, 13616/-, 13632/-, 13648/-, 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15440/-, 15456/-, 15472/-, 15488/-, 15504/-, 15520/-, 15536/-, 15552/-, 15568/-, 15584/-, 15600/-, 15616/-, 15632/-, 15648/-, 15664/-, 15680/-, 15696/-, 15712/-, 15728/-, 15744/-, 15760/-, 15776/-, 15792/-, 15808/-, 15824/-, 15840/-, 15856/-, 15872/-, 15888/-, 15904/-, 15920/-, 15936/-, 15952/-, 15968/-, 15984/-, 16000/-, 16016/-, 16032/-, 16048/-, 16064/-, 16080/-, 16096/-, 16112/-, 16128/-, 16144/-, 16160/-, 16176/-, 16192/-, 16208/-, 16224/-, 16240/-, 16256/-, 16272/-, 16288/-, 16304/-, 16320/-, 16336/-, 16352/-, 16368/-, 16384/-, 16400/-, 16416/-, 16432/-, 16448/-, 16464/-, 16480/-, 16496/-, 16512/-, 16528/-, 16544/-, 16560/-, 16576/-, 16592/-, 16608/-, 16624/-, 16640/-, 16656/-, 16672/-, 16688/-, 16704/-, 16720/-, 16736/-, 16752/-, 16768/-, 16784/-, 16800/-, 16816/-, 16832/-, 16848/-, 16864/-, 16880/-, 16896/-, 16912/-, 16928/-, 16944/-, 16960/-, 16976/-, 16992/-, 17008/-, 17024/-, 17040/-, 17056/-, 17072/-, 17088/-, 17104/-, 17120/-, 17136/-, 17152/-, 17168/-, 17184/-, 17200/-, 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18992/-, 19008/-, 19024/-, 19040/-, 19056/-, 19072/-, 19088/-, 19104/-, 19120/-, 19136/-, 19152/-, 19168/-, 19184/-, 19200/-, 19216/-, 19232/-, 19248/-, 19264/-, 19280/-, 19296/-, 19312/-, 19328/-, 19344/-, 19360/-, 19376/-, 19392/-, 19408/-, 19424/-, 19440/-, 19456/-, 19472/-, 19488/-, 19504/-, 19520/-, 19536/-, 19552/-, 19568/-, 19584/-, 19600/-, 19616/-, 19632/-, 19648/-, 19664/-, 19680/-, 19696/-, 19712/-, 19728/-, 19744/-, 19760/-, 19776/-, 19792/-, 19808/-, 19824/-, 19840/-, 19856/-, 19872/-, 19888/-, 19904/-, 19920/-, 19936/-, 19952/-, 19968/-, 19984/-, 20000/-, 20016/-, 20032/-, 20048/-, 20064/-, 20080/-, 20096/-, 20112/-, 20128/-, 20144/-, 20160/-, 20176/-, 20192/-, 20208/-, 20224/-, 20240/-, 20256/-, 20272/-, 20288/-, 20304/-, 20320/-, 20336/-, 20352/-, 20368/-, 20384/-, 20400/-, 20416/-, 20432/-, 20448/-, 20464/-, 20480/-, 20496/-, 20512/-, 20528/-, 20544/-, 20560/-, 20576/-, 20592/-, 20608/-, 20624/-, 20640/-, 20656/-, 20672/-, 20688/-, 20704/-, 20720/-, 20736/-, 20752/-, 20768/-, 20784/-, 20800/-, 20816/-, 20832/-, 20848/-, 20864/-, 20880/-, 20896/-, 20912/-, 20928/-, 20944/-, 20960/-, 20976/-, 20992/-, 21008/-, 21024/-, 21040/-, 21056/-, 21072/-, 21088/-, 21104/-, 21120/-, 21136/-, 21152/-, 21168/-, 21184/-, 21200/-, 21216/-, 21232/-, 21248/-, 21264/-, 21280/-, 21296/-, 21312/-, 21328/-, 21344/-, 21360/-, 21376/-, 21392/-, 21408/-, 21424/-, 21440/-, 21456/-, 21472/-, 21488/-, 21504/-, 21520/-, 21536/-, 21552/-, 21568/-, 21584/-, 21600/-, 21616/-, 21632/-, 21648/-, 21664/-, 21680/-, 21696/-, 21712/-, 21728/-, 21744/-, 21760/-, 21776/-, 21792/-, 21808/-, 21824/-, 21840/-, 21856/-, 21872/-, 21888/-, 21904/-, 21920/-, 21936/-, 21952/-, 21968/-, 21984/-, 22000/-, 22016/-, 22032/-, 22048/-, 22064/-, 22080/-, 22096/-, 22112/-, 22128/-, 22144/-, 22160/-, 22176/-, 22192/-, 22208/-, 22224/-, 22240/-, 22256/-, 22272/-, 22288/-, 22304/-, 22320/-, 22336/-, 22352/-, 22368/-, 22384/-, 22400/-, 22416/-, 22432/-, 22448/-, 22464/-, 22480/-, 22496/-, 22512/-, 22528/-, 22544/-, 22560/-, 22576/-, 22592/-, 22608/-, 22624/-, 22640/-, 22656/-, 22672/-, 22688/-, 22704/-, 22720/-, 22736/-, 22752/-, 22768/-, 22784/-, 22800/-, 22816/-, 22832/-, 22848/-, 22864/-, 22880/-, 22896/-, 22912/-, 22928/-, 22944/-, 22960/-, 22976/-, 22992/-, 23008/-, 23024/-, 23040/-, 23056/-, 23072/-, 23088/-, 23104/-, 23120/-, 23136/-, 23152/-, 23168/-, 23184/-, 23200/-, 23216/-, 23232/-, 23248/-, 23264/-, 23280/-, 23296/-, 23312/-, 23328/-, 23344/-, 23360/-, 23376/-, 23392/-, 23408/-, 23424/-, 23440/-, 2345

MILL BELTING -Cemented, Hemp, Copper-wire, or Lace Sewn.

LISTS.

WIDTH Inches	1	1½	2	2½	3	3½	4	4½	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Single, per foot	3d.	5d	7d	9d	11d	1s	1s 2	1s 4	1s 6	1s 11	2s 2	2s 6	3s 2	3s 8	4s	4s 6	5s	5s 6	6s	6s 6	7s	7s 6
Double, per foot			1	1s 3	1s 6	1s 9	2s	2s 3	2s 6	3s	3s 6	4s	4s 6	5s	5s 6	6s	6s 6	7s	7s 6	8s	8s 6	9s
D'ble, p. ft., No. 1 Canvas Insertion			1/2	1/4	1/7	1/10	2/2	2/6	2/11	3/5	3/11	4/5	5/1	5/7	6/2	6/9	7/4	7/11	8/6	9/1	9/9	10/5
3 ply, Lace Sewn, per foot									3/9	4/6	5/3	6/-	6/9	7/6	8/3	9/-	10/-	11/-	12s	13/-	14/-	15/-

PUMP LEATHERS.											CLACK LEATHERS.				
DIAMETER—Inches	2½	2½	2½	3	3½	3½	3½	4	4	5	No. of Pump	3	4	5	6
Each	9d	10d	11d	1/-	1/1	1/2	1 4	1 6	2 3	3/	Each	4d	4½d	5d	5½d

PATENT BELT FASTENERS.	RAW HIDE BELT LACES.										EMERY WHEELS, GRINDSTONES.	
REAPER RIVETS.	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	¾ inch wide	WHEELBARROWS, STORE TRUCKS, &c.	
LUBRICATORS, OILS, &c.	3 feet long	1 6	2 3	3 -	3 9	4 6	6	p	doz.		Write for Special Pump Catalogue.	
3½	1 9	2 6	3 6	4 4	5 3	6 6	8					
4	2	3	4 -	5	6	8	10					
4½	2 3	3 4	4 6	5 7	6 9	9	11					
5	2 6	3 9	5	6 3	7 6	10	12					
5½	2 9	4	5 6	6 10	8 3	11	13					
6	3	4 6	6 -	7 6	9	12	14					
6½	3 3	4 10	6 6	8 2	9 9	13	15					
7	3 6	5 3	7 -	8 9	10 6	14	16					
7½	3 9	5 7	7 6	9 3	11 3	15						
8	4	6	8 -	10 -	12							

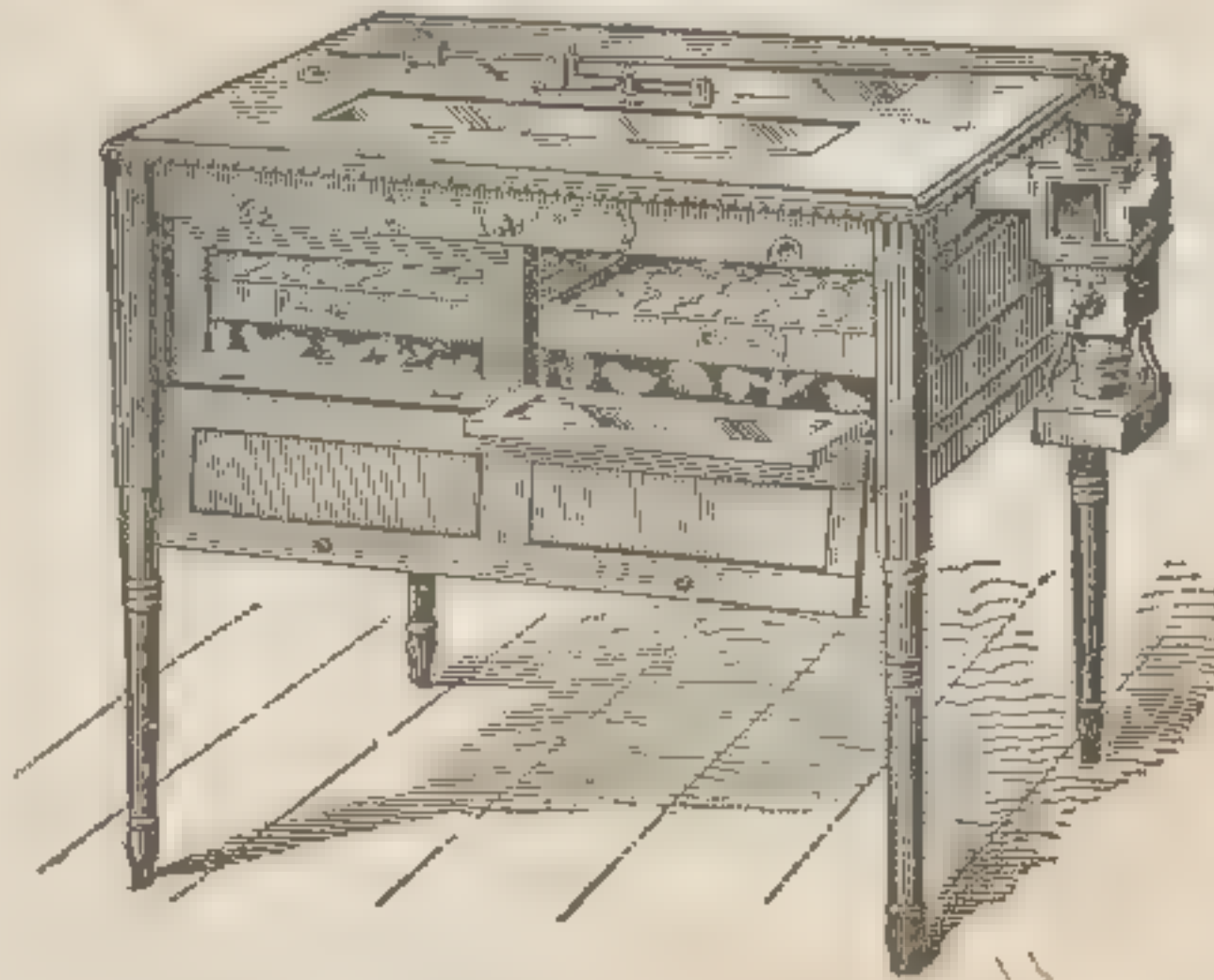
The Excelsior Incubator.

The Standard Apparatus of the World
for Hatching Chickens.

The Excelsior Incubator is offered to the public in full confidence that it meets a long and widely-felt as well as a growing need of poultry raisers, whether producing for the market or simply for pleasure.

THE EXCELSIOR INCUBATOR is no crude experimental machine, put on the market without being thoroughly tested, and without a care whether it would or would not stand a practical test.

It is well known that the manner of regulating the heat in the egg-chamber is one of the most vitally important points in the construction of an incubator.



Everything not ~~essential~~ to perfect hatching has been carefully eliminated, and everything necessary to produce the best results has been carefully attended to. In fact THE EXCELSIOR is better than the best of high-priced incubators in the field.

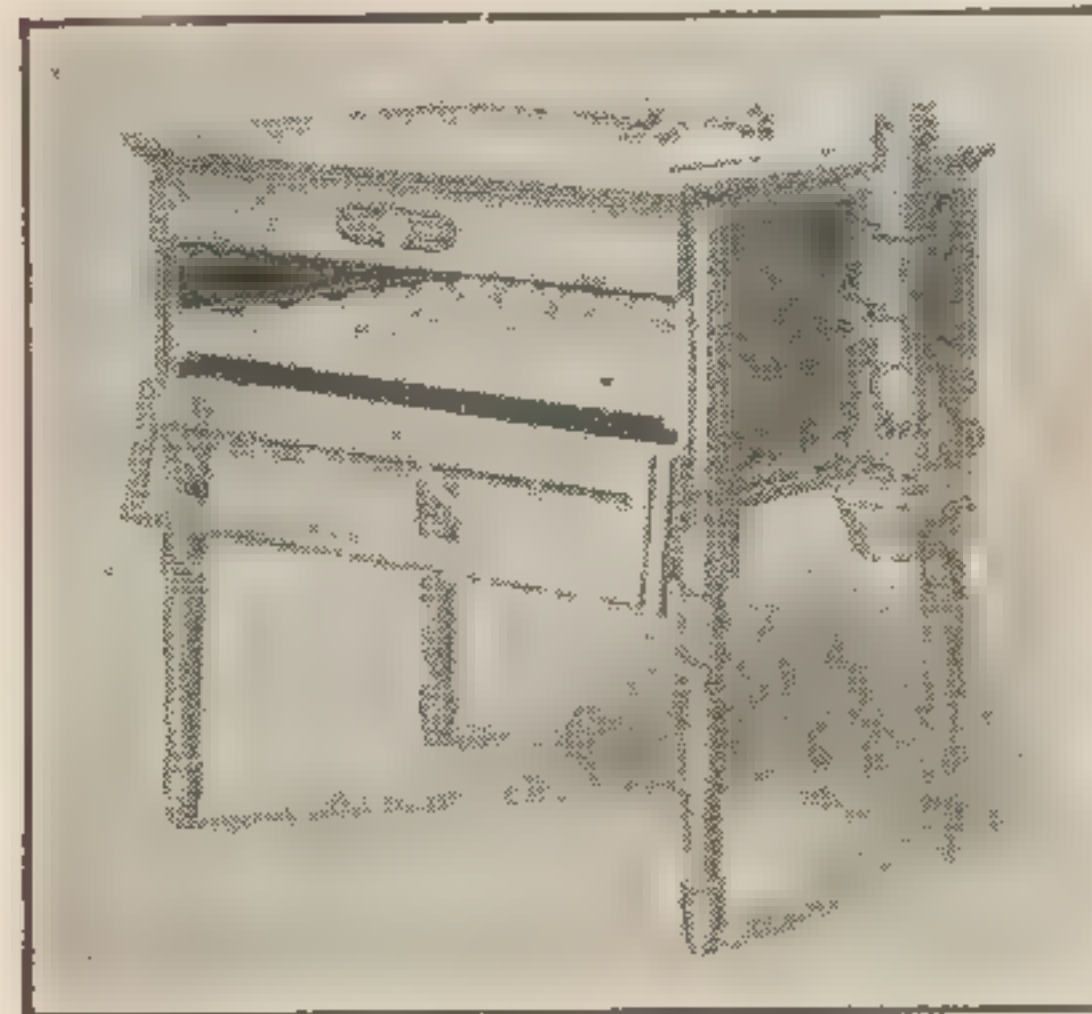
The Excelsior Incubator is constructed of the best material throughout. The case is double, including the doors, the space between the outer and inner case being filled with mineral wool, thus insuring the even temperature which is so essential to the successful working of the incubator.

Instructive, Profitable, Amusing
and Easy to Manage.

The Wooden Hen

Imitated by Many
But Equalled by None.

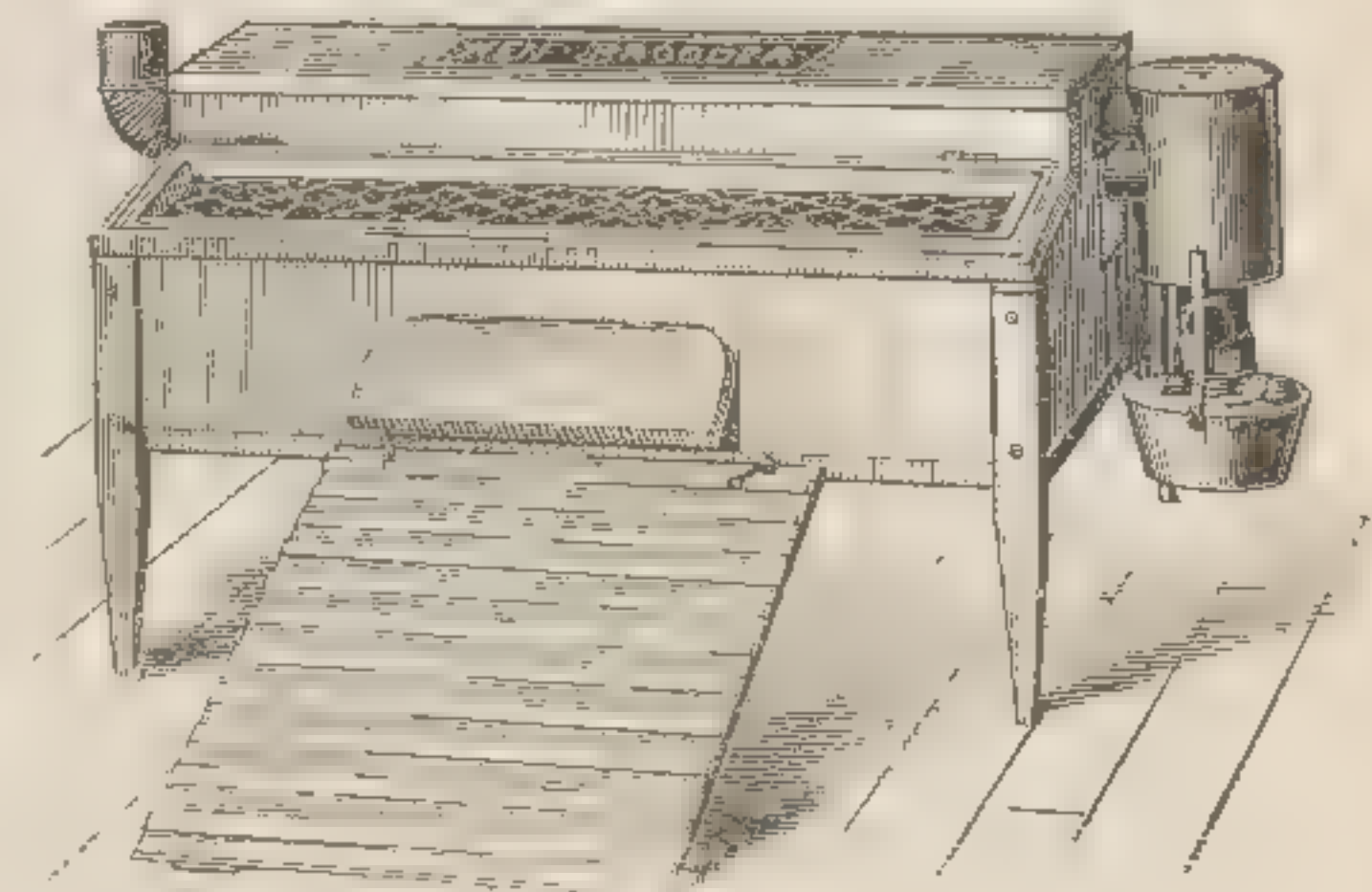
A PROFITABLE BUSINESS.



The Artificial Raising of Poultry is daily increasing in popularity, and is a business suited for all classes of people. It can be conducted by the CLERGYMAN as well as the FARMER or FANCIER. It is easily managed, and already carried on by the sons and daughters of many prominent citizens, as well as farmers' wives and daughters. Chicks hatched and raised in The Wooden Hen are the strongest and obtain the highest prices.

There is a very large demand for these machines, as they supply a long-felt want. The Wooden Hen really does not need any attention but twice a day—morning and evening—and POSITIVELY DOES NOT need any attention whatever during the night, as it is absolutely self-regulating. It is the hatcher for the amateur, women, children, or anybody wishing to make the poultry business profitable and at the same time instruct and amuse them in their leisure moments.

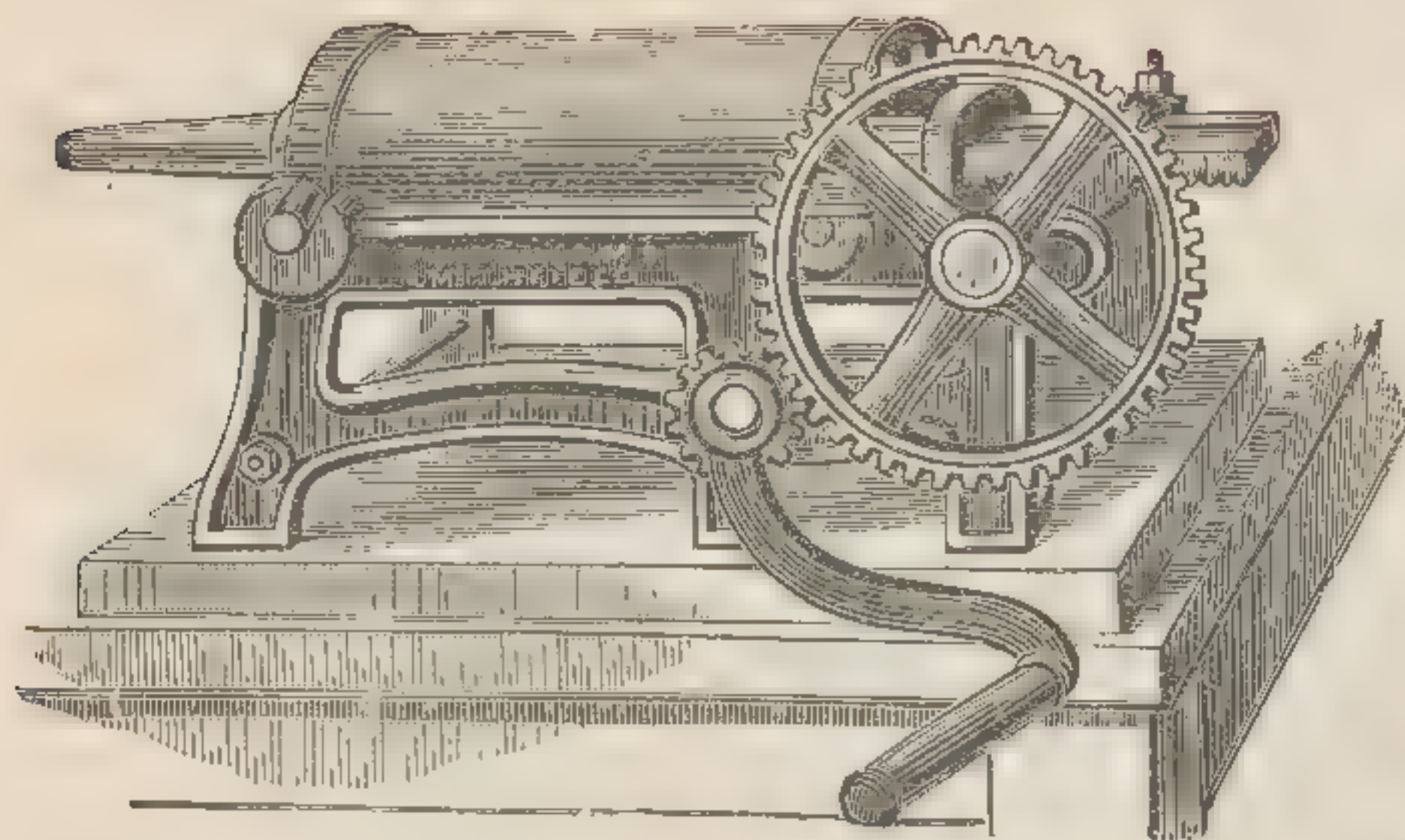
FOSTER MOTHER.



"EXCELSIOR," 100 Eggs.
"EXCELSIOR," 200 Eggs.
"EXCELSIOR," 300 Eggs.

"WOODEN HEN," 50 Eggs.
" " " 100 Eggs.
" " " 300 Eggs

"FOSTER MOTHER," 50 Chicks
" " " 100 Chicks.



Williams' Patent Sausage Filler.

- No. 1—Two Tubes, will hold 7 lbs of Meat.
- No. 2 Two Tubes, will hold 10 lbs. of Meat.
- No. 3 —Three Tubes, will hold 12 lbs. of Meat.
- No. 4 —Three Tubes, will hold 18 lbs. of Meat

Salting Machines, &c.



Glass Churn
Square or Round.
No. 1, 2, 3, 4

Also Cherry's Bent Wood Churns

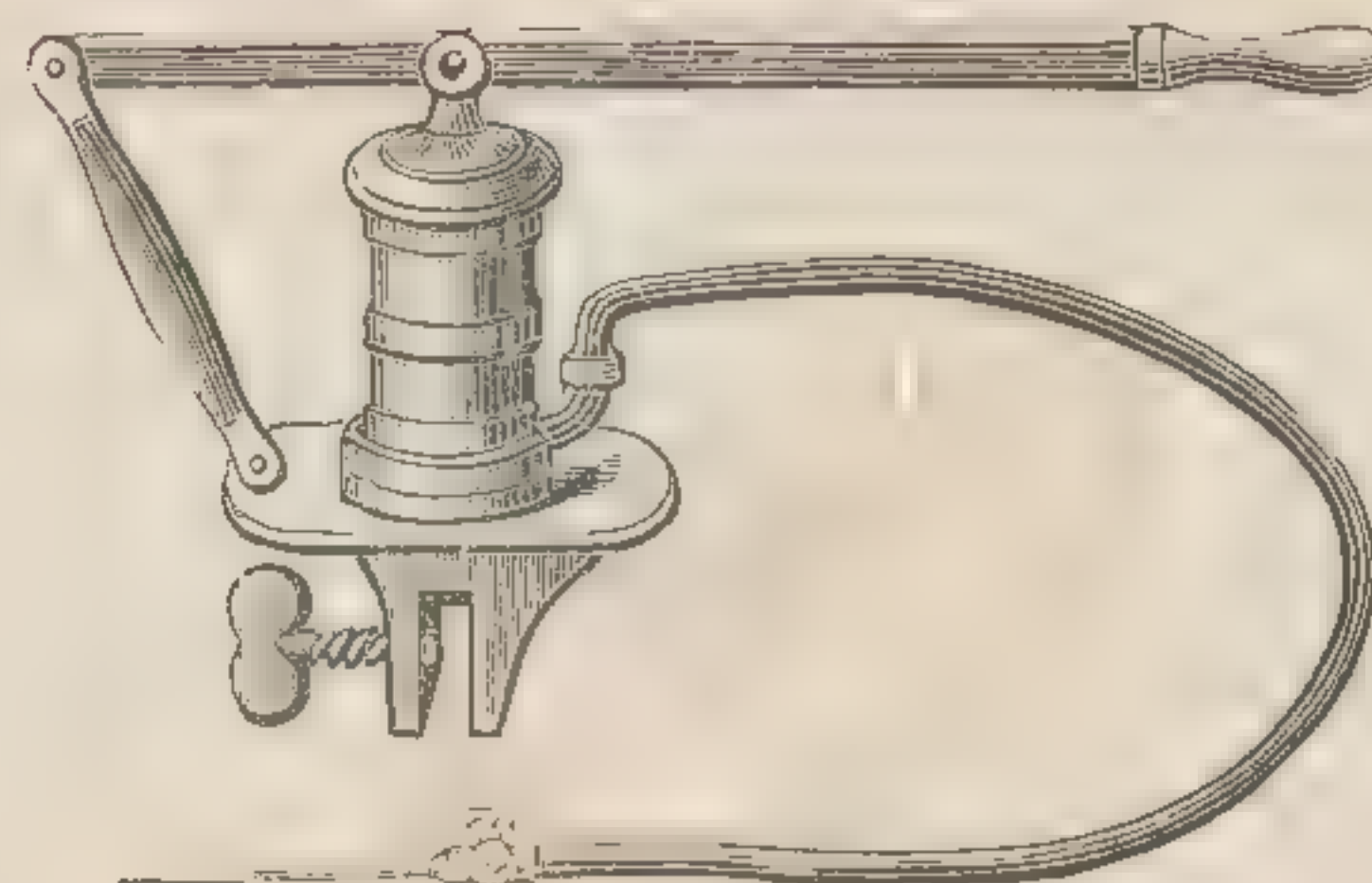
25 -	27,6	30/-	32,6	35/	38	42,-	List.
Nos 00,	0,	1,	2,	3,	4,	5,	
Cap. 16,	1-8,	1-11,	2-14,	3-18,	4-23,	5-25,	
45/-	60/-	70/-	85/-	105/-	List.		
6,	8,	10,	12,	15,			
6-33,	8-50,	10-75,	12-95,	15-125	lbs.		



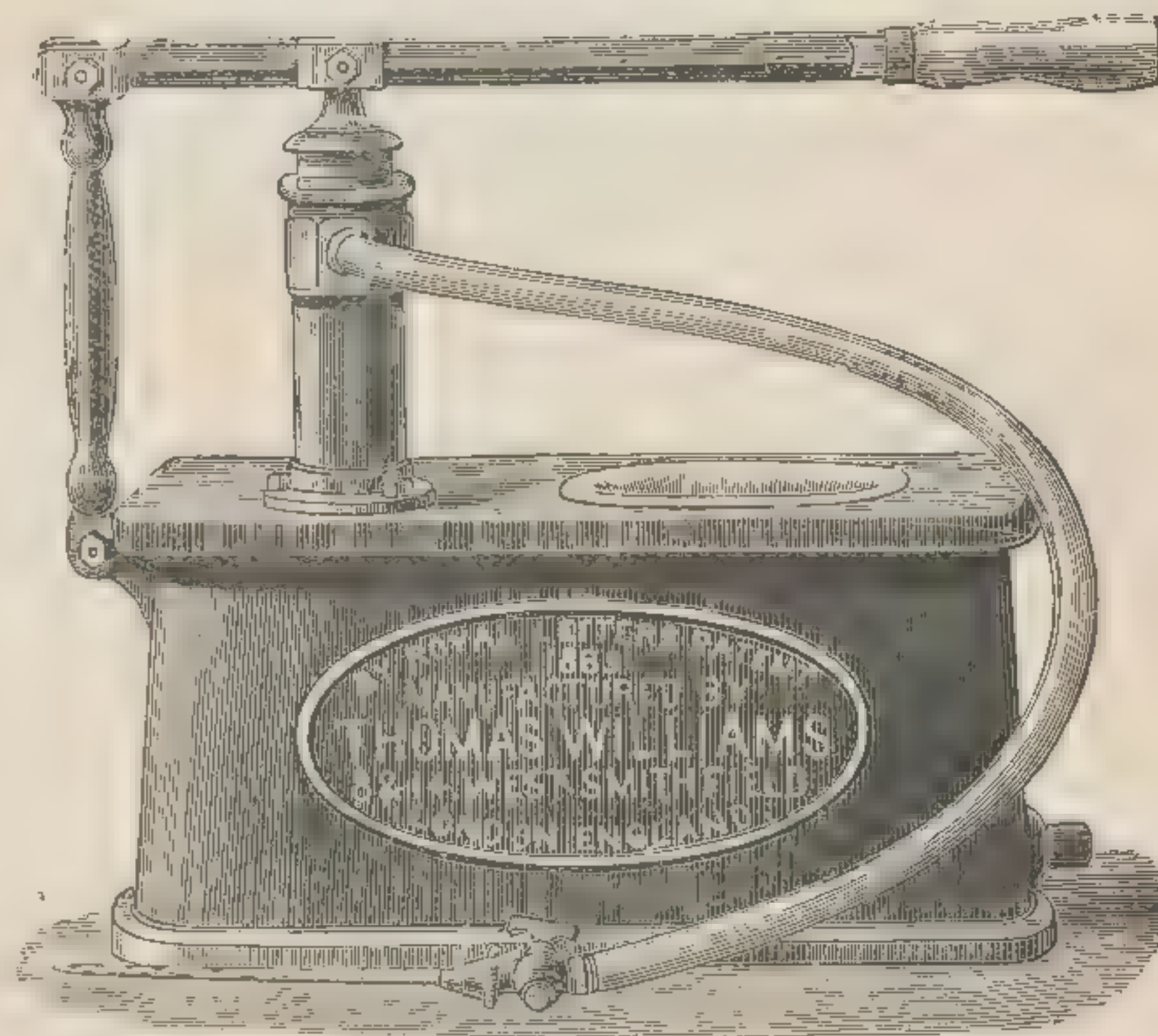
Am. Cylinder Churns.

Nos. 0,	1,	2,	3,	4.
Capacity 2,	3,	4,	7,	10½ gals.

Butter Prints	..	2, 4, 8, 16 oz
" " Box	...	2, 4, 8, 16 oz.

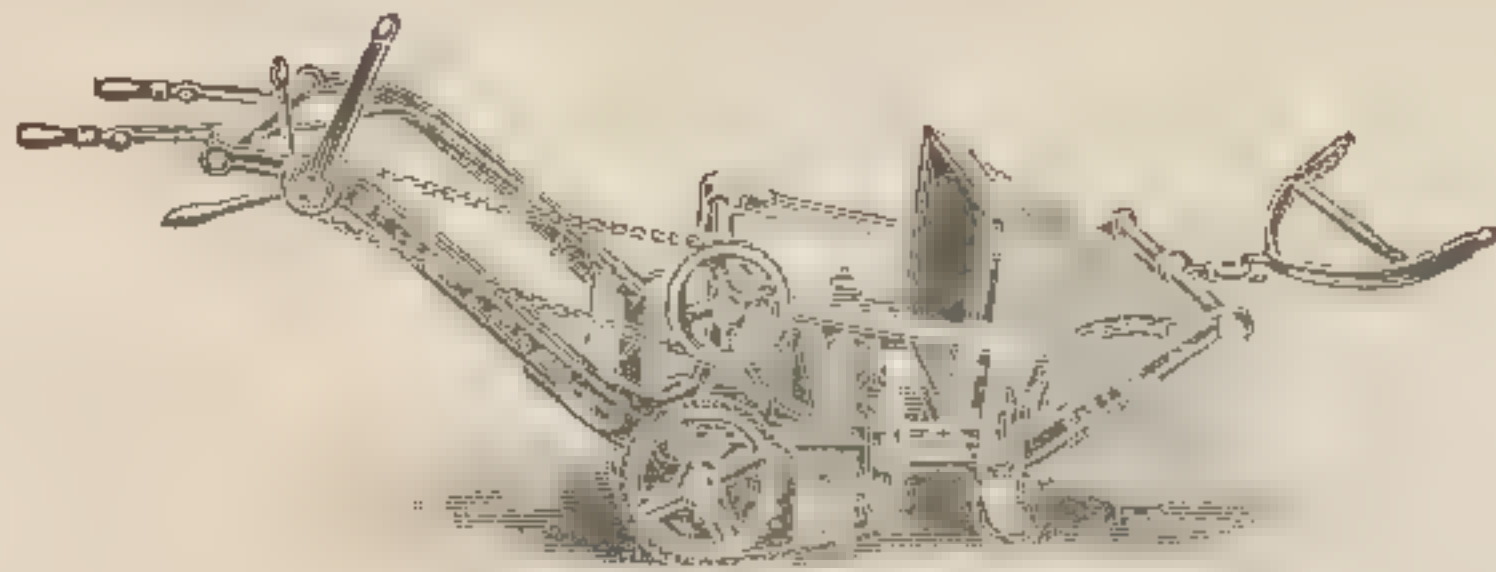


Williams' Patent Salting Pump.
No. 0, Pump only. Extra Needles



Williams' Patent Salting Pump.
No. 1, with Galvanized Tank to hold 2 gallons.

Lawn Mowers.



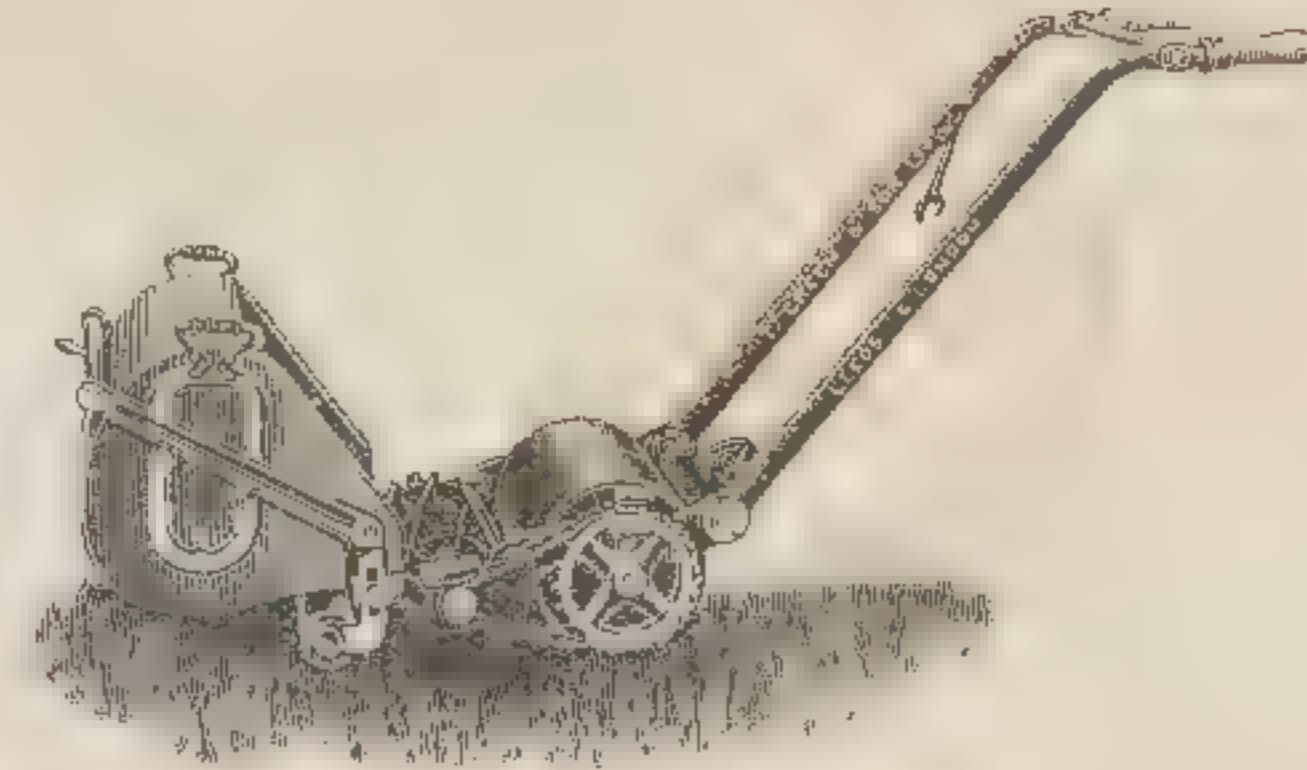
GREEN'S HORSE MOWER FOR PARKS, CRICKET GROUNDS,
AND GOLF GREENS. 30, 36 inch.



GREEN'S NEW CENTURY MOWER, with Grass Catcher.
11, 13, 15 inch.



LITTLE WONDER MOWER. Four Blades.
10, 12, 14, 16, 18 inch cut.



GREEN'S SILENS MESSOR LAWN MOWERS. Complete.
10, 12, 14, 16, 18 inch.

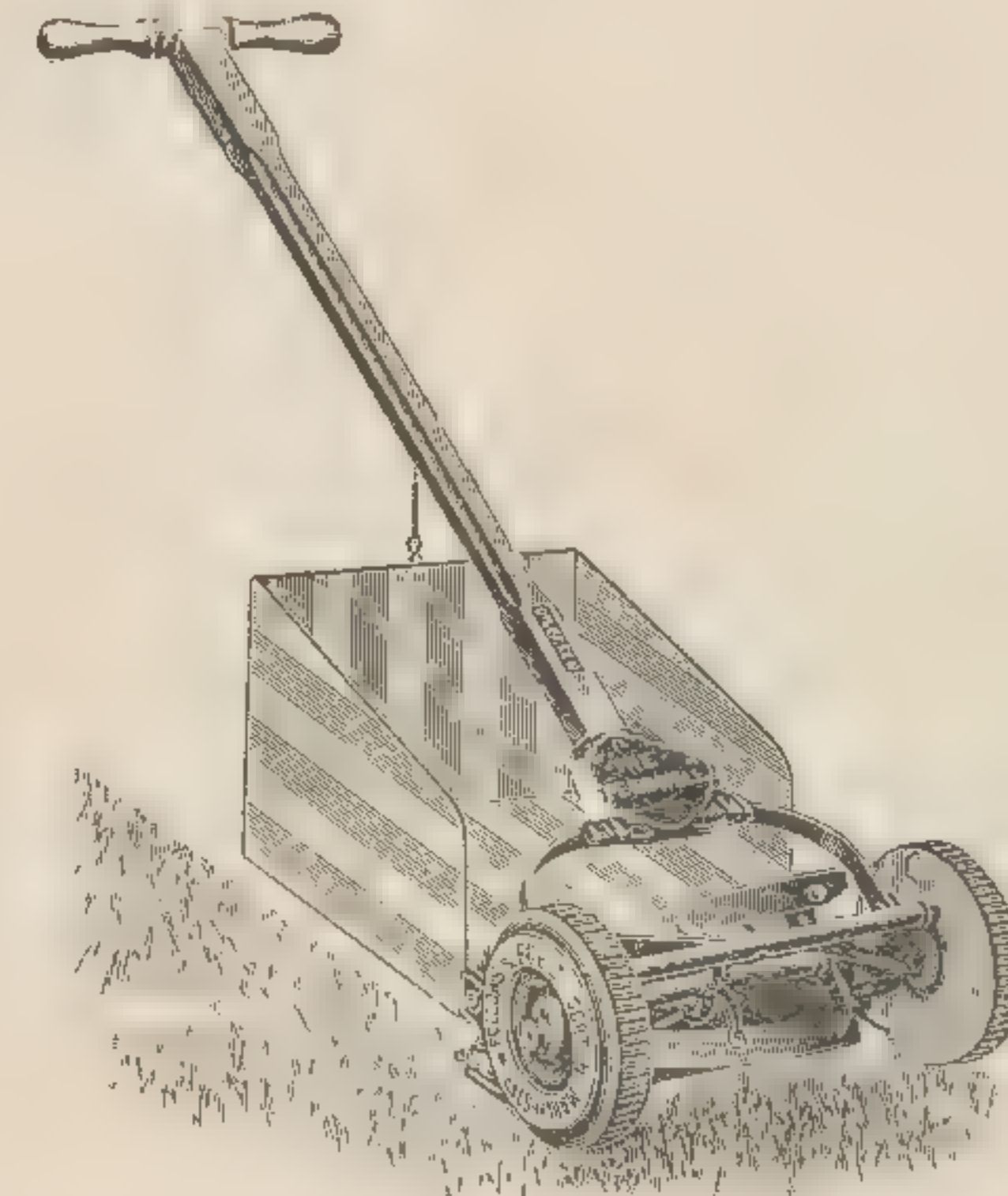


Illustration of CANVAS GRASS CATCHER
as used on "Little Wonder" Mowers.



The "Fortuna" Cream Separator

Possesses the following Main Advantages

- A new, simple and practical construction. Details perfectly finished and of first-class workmanship.
- Vast superiority in clean-skimming, combined with great capacity.
- Fewer parts than any other Separator, consequently more easily and perfectly cleaned.
- Facilities for exchanging worn or damaged parts, without returning the machine for repairs and re-adjustment.
- Cheapness in first cost. Cheapness in repairs and maintenance.
- Easy, even and almost silent run, resulting in great saving of labor.
- Absolutely no danger in its management.
- The milk from four cows separated by the "Fortuna" gives more butter than that from five cows separated by any other.
- The "Fortuna" pays its cost the first year, by its clean-skimming and facility in cleaning, and is so carefully constructed that it will outlast any two other Separators.

Separator.

Every "Fortuna" Separator skims the full quantity of milk given and up to the same standard of excellence, as every machine that leaves the factory is carefully tested and perfectly adjusted, and can be put to immediate use.

FROM

N.S.W. Fresh Food and Ice Company Limited,
Head Office, Sydney, N.S.W.

We beg to report on the trial of "FORTUNA" No. 2 Separator at this Company's Works on the 8th February, 1905, as follows:

43 lbs. Milk were separated in 10 minutes ...	30 gals. per hour.	Percentage of Fat in Cream ..	28
43 lbs. Milk produced 5½ lbs. Cream ...	12¾ per cent.	Percentage of Fat in Separated Milk ...	.05

- | | | |
|--------------------------|--------------------------|-------------------------|
| 1. 20 gals. per hour ... | 2. 30 gals. per hour ... | 3. 50 gals. per hour .. |
|--------------------------|--------------------------|-------------------------|

Pumps.

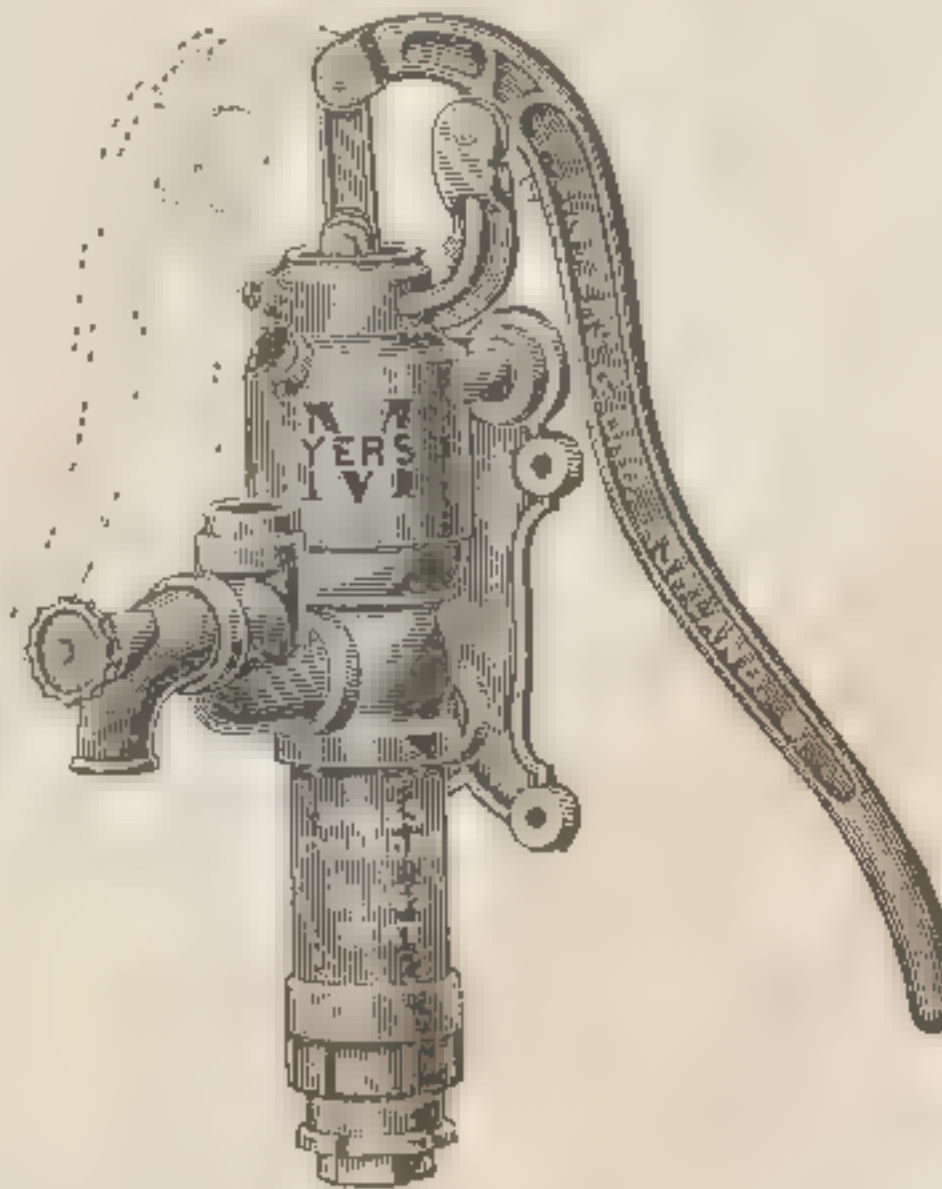
The Myers Double Acting Bracket House Force Pump.

Fig. 924.



With
Siphon Spout
and
Reversible
Handle

Fig. 925.



Figs. 924 and 925 represent the Myers House Pump, which is built on the same principle throughout as our well-known House Force Pump. This pump, instead of being fitted with a base or stand, is arranged with a bracket, which is attached directly to the side of the wall of building, or can be mounted on plank and the plank attached directly to the wall.

It is fitted with reversible handle, which can be located at any angle with the spout desired; has brass cylinder, poppet valve and arranged to drop priming.

It is made plain or with cock spout as illustrated above. The spouts are interchangeable on the same pump.

The pipe attachment is so arranged that either lead or iron pipe can be attached direct without solder. This is a special nut used only on the Myers House and Pitcher Pumps. Fig. 911, illustrated on page 395, represents a sectional view of the cock spout used on this pump. This cock spout is made on the compression plan and is so arranged that it acts as a check valve in the discharge pipe leading to the tank, thus relieving the pump of the weight of water in the discharge pipe.

No. 249. represented by Fig. 924, has brass upper and 3 inch brass lower cylinder, with patent glass valve seat, tapped for $1\frac{1}{4}$ inch suction pipe.

No. 250. represented by Fig. 924, has brass upper and $3\frac{1}{2}$ inch brass lower cylinder, with patent glass valve seat, tapped for $1\frac{1}{2}$ inch suction pipe.

For either of the above pumps fitted with cock spout, as shown in Fig. 925, add to list.

Myers House Force and Lift Pump.

Fig. 964.

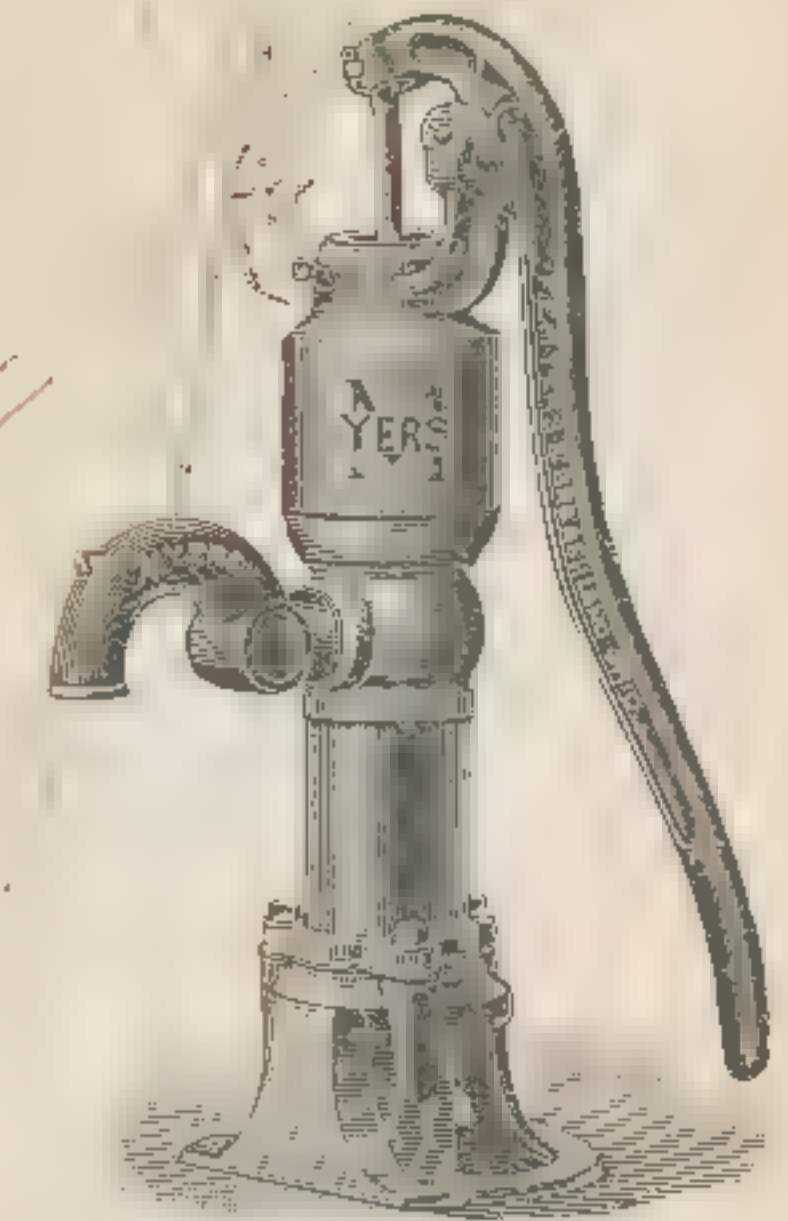


Fig. 964 represents a Myers House and Cistern Lift Pump, which is made first class throughout. In finish and workmanship it is without an equal. In design it is different from all others, having a reservoir top and siphon spout which give a continuous flow of water. The handle is reversible, and can be changed to make either a right or left hand pump, a feature not found on any other make of House Lift Pump.

Glass Valves Extra.

Myers House Lift Pump.

No. 245, 3-inch brass cylinder, $1\frac{1}{4}$ pipe.

No. 246, 3-inch polished iron cylinder, $1\frac{1}{4}$ pipe.

No. 247, $3\frac{1}{2}$ -inch brass cylinder, $1\frac{1}{4}$ pipe.

No. 248, $3\frac{1}{2}$ -inch polished iron cylinder, $1\frac{1}{4}$ pipe.

Pumps—Contd.

The Myers Bracket House Force Pump.

Single Acting

With Siphon Spout and Reversible Handle.

Fig. 929.

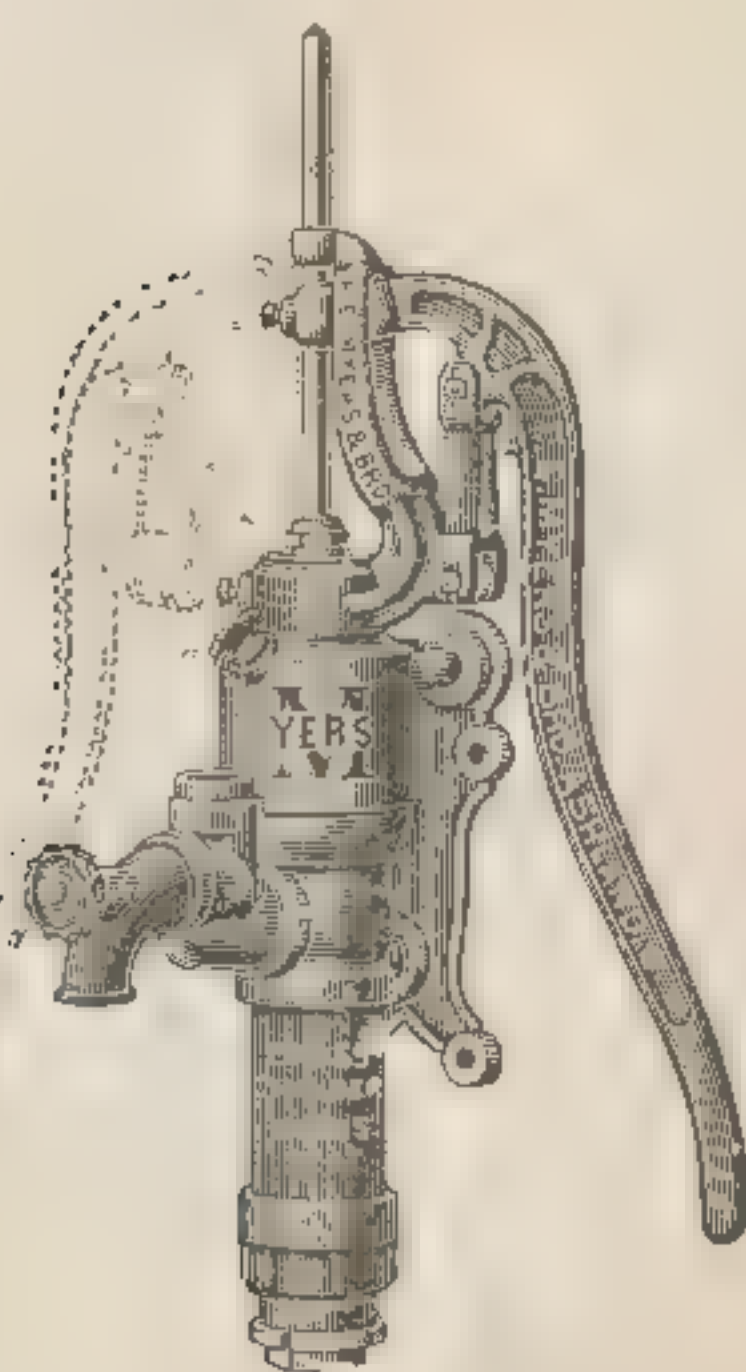


FIG. 929 illustrates the Myers Single Acting Bracket House Force Pump. This is similar in every respect to the Single Acting House Pump with the exception that instead of being mounted on a base, this pump is fitted with wall bracket, by which means the pump can be attached directly to side wall of building or can be mounted on plank and placed in position desired.

NOTE.—The valve acts as a check to the discharge pipe, thus relieving the pump of all strain from the weight of the water in the discharge pipe.

No. 252½ 3in. cylinder, 1½ Suction Pipe.

No. 254½ 3½in. „ 1½ „ „

Myers Double Acting House Force Pump.

With Siphon Spout and Reversible Handle.

FIGS. 922 and 902 represent the Myers House Force Pump, which is superior in design to any other make, having a reservoir top and siphon spout, which give a continuous flow of water.

The reversible handle can be placed at any angle, thus making either a right or left hand, or straightaway pump, as desired. It is built on the plan of our Patent Submerged Cylinder Well Pump, is double acting, has heavy seamless brass upper and lower cylinders with patent glass valve seat, fibre rubber check valve and expansion plunger bucket. It is compactly built and very powerful. The base is a new and neat design, and is attached to the cylinder by means of three heavy cap screws.

COCK SPOUT. Fig. 911 illustrates the interior construction of our compression cock spout. This is an entirely new design and superior to anything of the kind heretofore offered to the trade. It is fitted with double faced rubber valves, operated by means of a screw and hand wheel, which makes a positive shutoff, thus relieving the pump of the weight of water in discharge pipe. It is tapped on top for 1 inch pipe, through which the water is conveyed to tank.

Fig. 922.

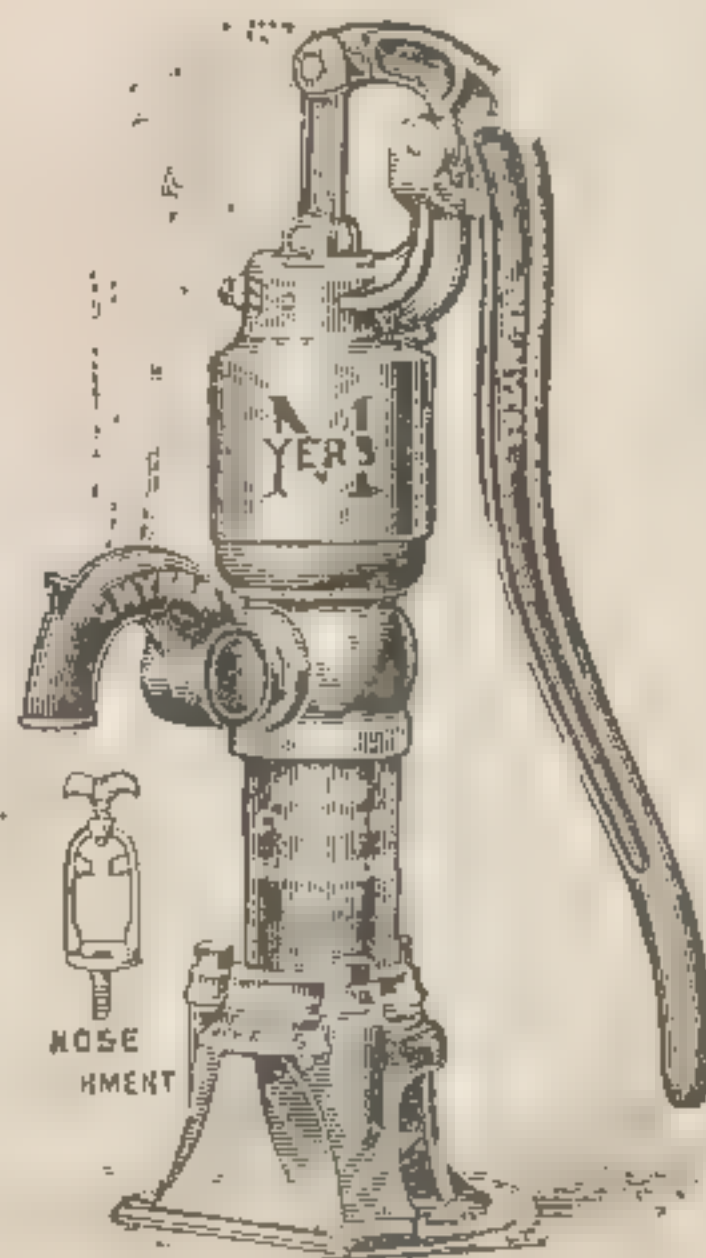
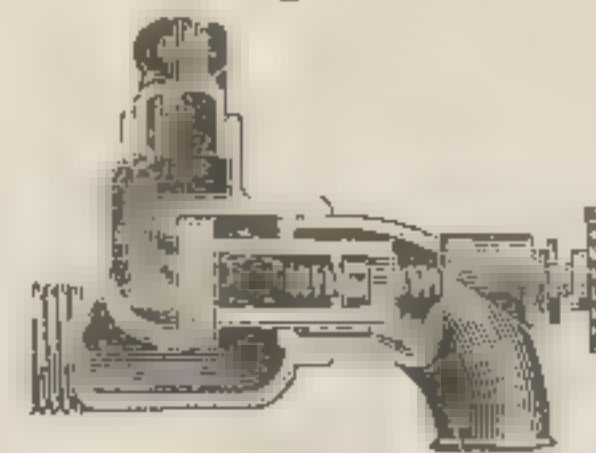


Fig. 911.

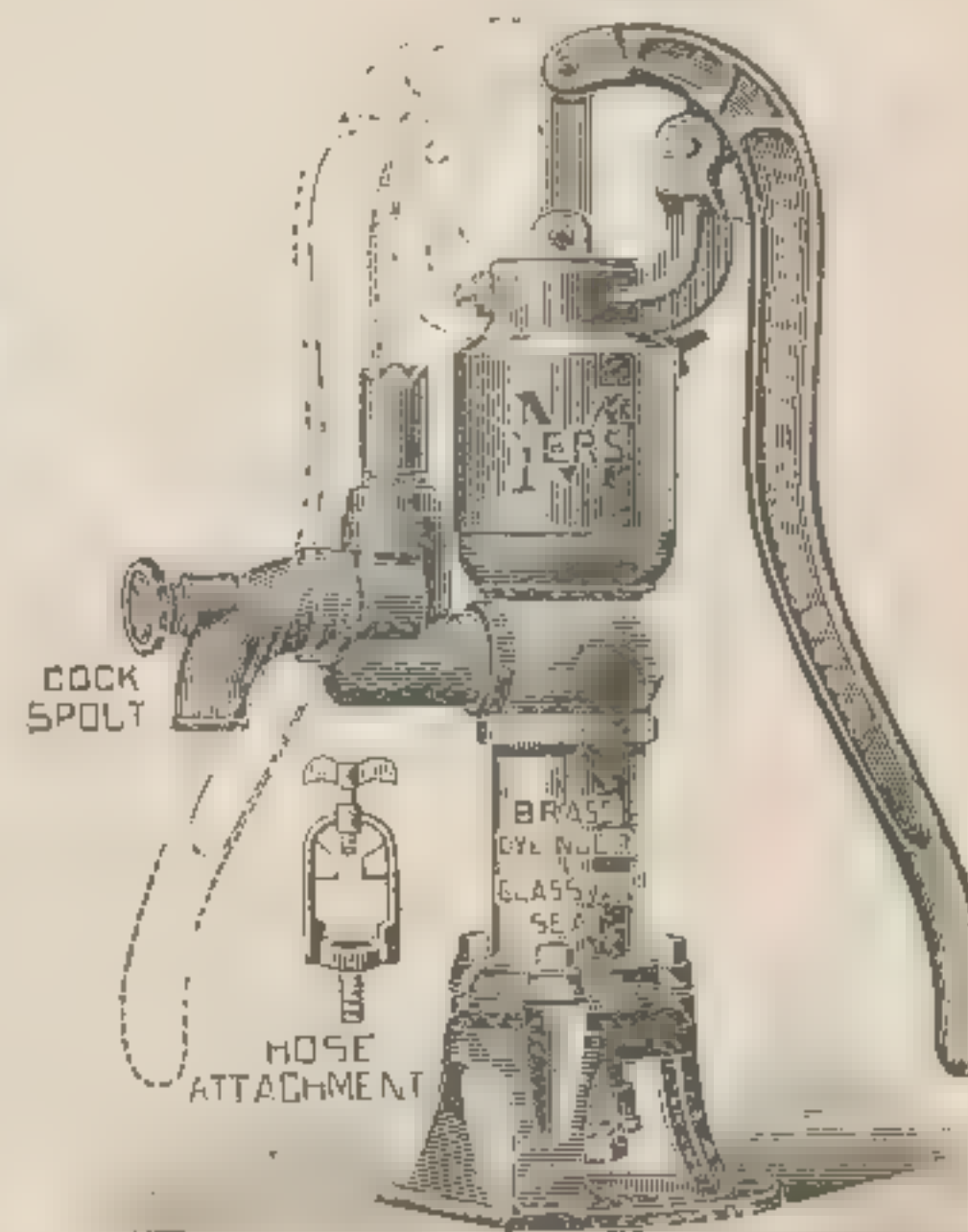


No. 251, represented by Fig 922, has brass upper and 3 inch brass lower cylinder with patent glass valve seat, tapped for 1½ inch suction pipe. Price,

No. 253, represented by Fig. 922, has brass upper and 3½ inch brass lower cylinder with patent glass valve seat, tapped for 1½ inch suction pipe. Price 40/-, cock spout extra 5/-.

Either of the above pumps fitted with cock spout, as shown in Fig 902.

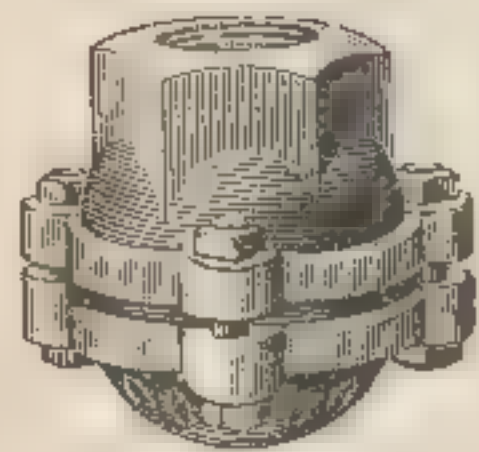
Fig. 902.



Pumps--Contd.

Douglas World-Famed "Dagger Brand" Pumps.

FIG. 264 represents a very popular style of Cistern Pump, which has been known to the trade for about fifty years, and needs no explanation of its operation. We insert the cut here to call attention to the very important improvement in the manner of securing the cylinder to the base by means of the adjustable ears and two bolts. By the adjustable ears the spout can be placed in any position. This Pump has a brass valve seat, and is complete in every respect. Adapted for iron pipe.



Galvanized Foot Valve and Strainer.

1, 1½, 1¾, 2, 2½, 3 in. h.

No. 0,	2-inch bore,	suitable for	¾-inch pipe,
No. 1,	2¼	"	"
No. 2,	2½	"	"
No. 3,	2¾	"	"
No. 4,	3	"	"
No. 5,	3¼	"	"
No. 6,	3½	"	"
No. 8,	4	"	"

All Fittings for Douglas Pumps Kept in Stock

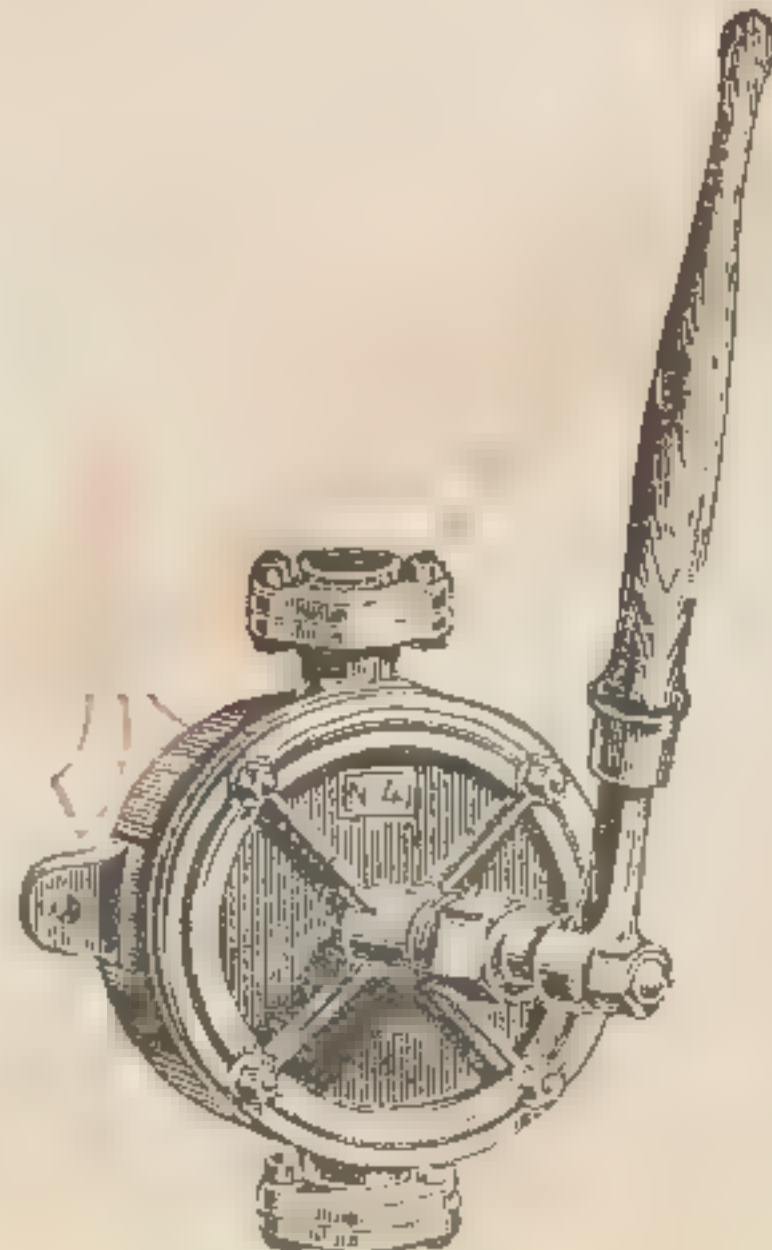
Semi-Rotary or Wing Pumps.

THESE are unequalled for simplicity, compactness and working capacity. Most durable in wear, very easy to work, and readily fixed in position. All working parts are gun metal, and the accompanying illustration will serve to show the simple arrangement of the valves. The handle or lever by which the pump is worked can be changed to any desired position. Will draw water 25 feet, and force to a height of 100 feet vertical.



Middle Retention Valve.

1, 1½, 1¾, 2, 2½ inch.



		Capacity.
No. 0	½-inch pipe	240 gallons per hour
No. 1	¾-inch pipe	300 " "
No. 2	1-inch pipe	360 " "
No. 3	1¼-inch pipe	540 " "
No. 4	1½-inch pipe	750 " "
No. 5	1¾-inch pipe	1,140 " "
No. 6	2-inch pipe	1,300 " "
No. 8	2½-inch pipe	1,600 " "

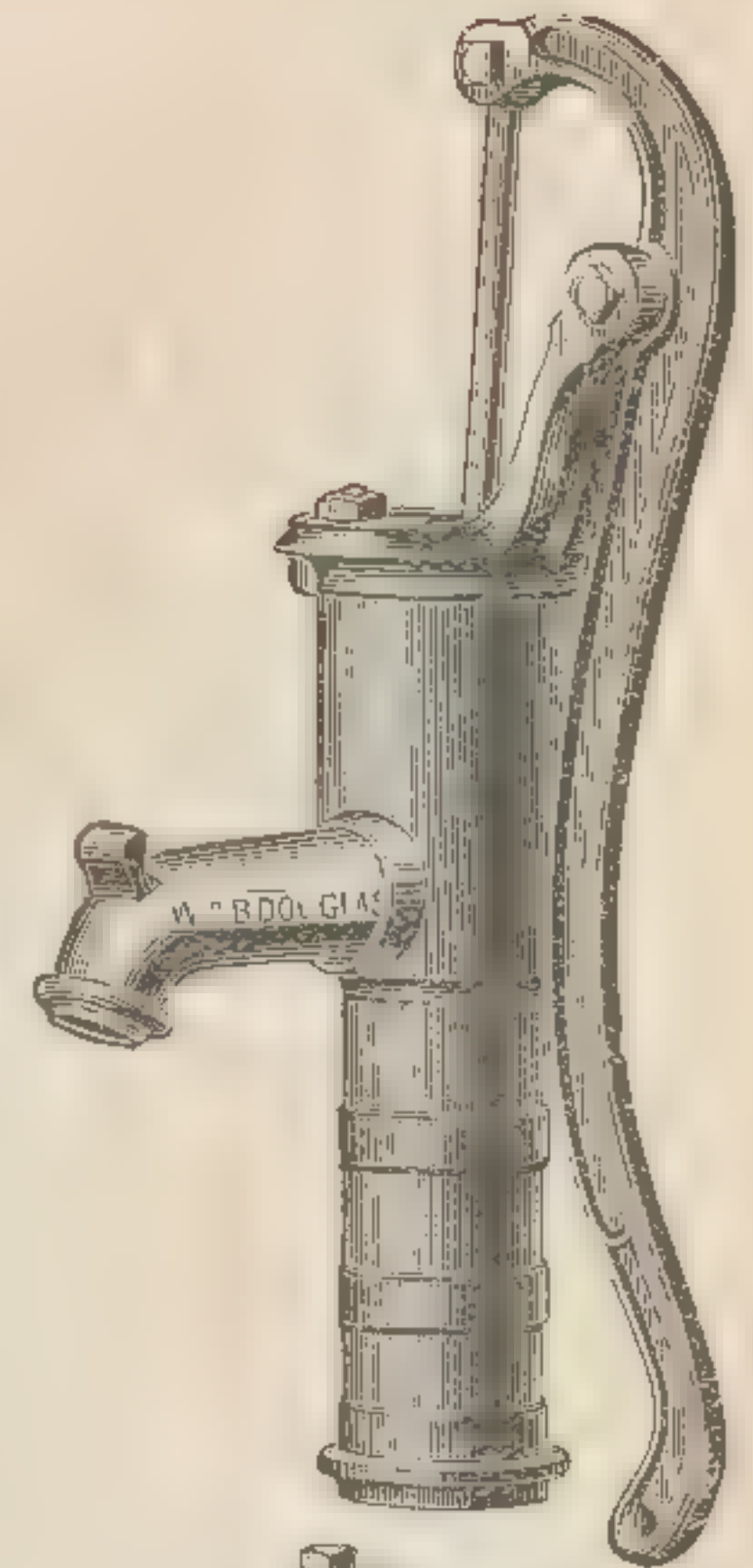
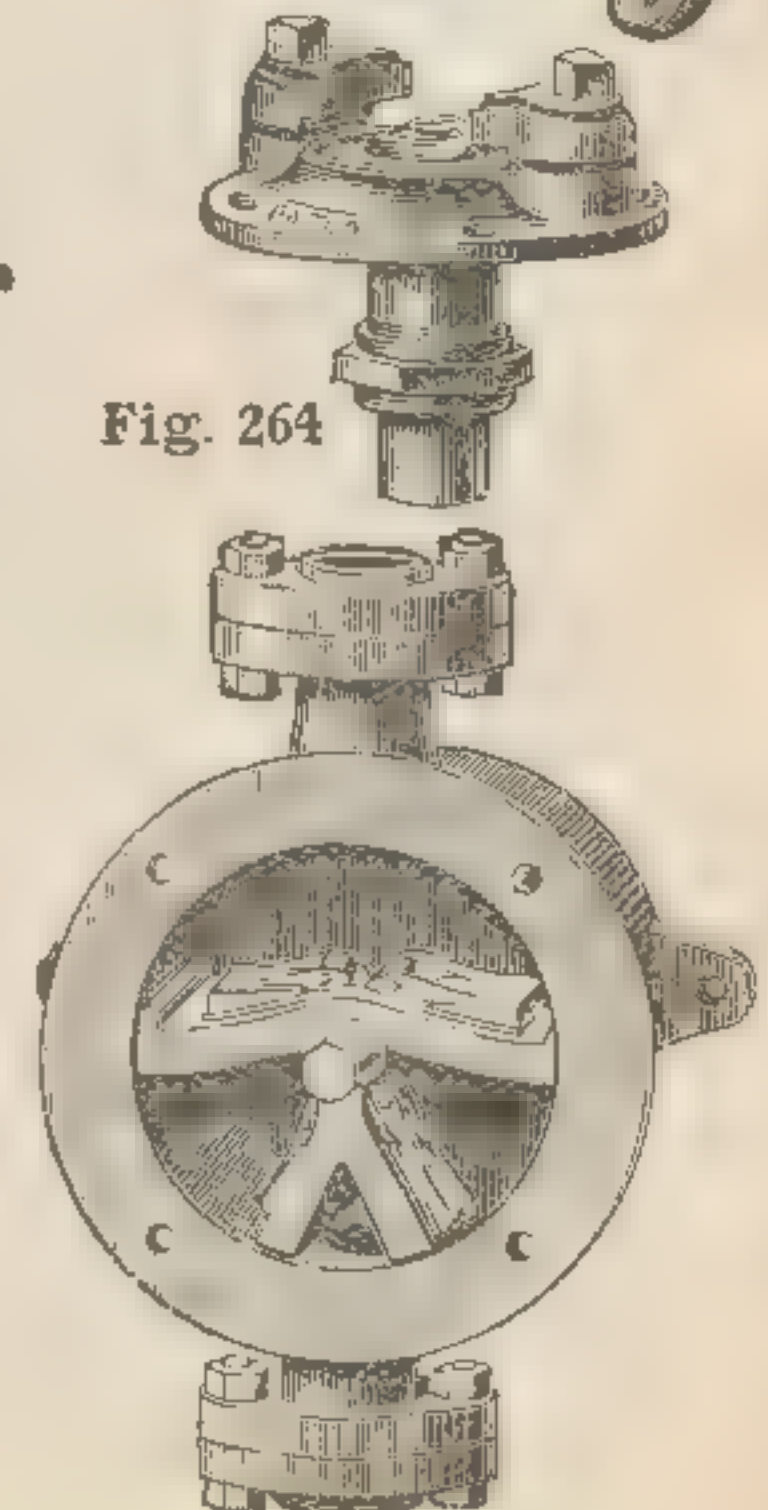
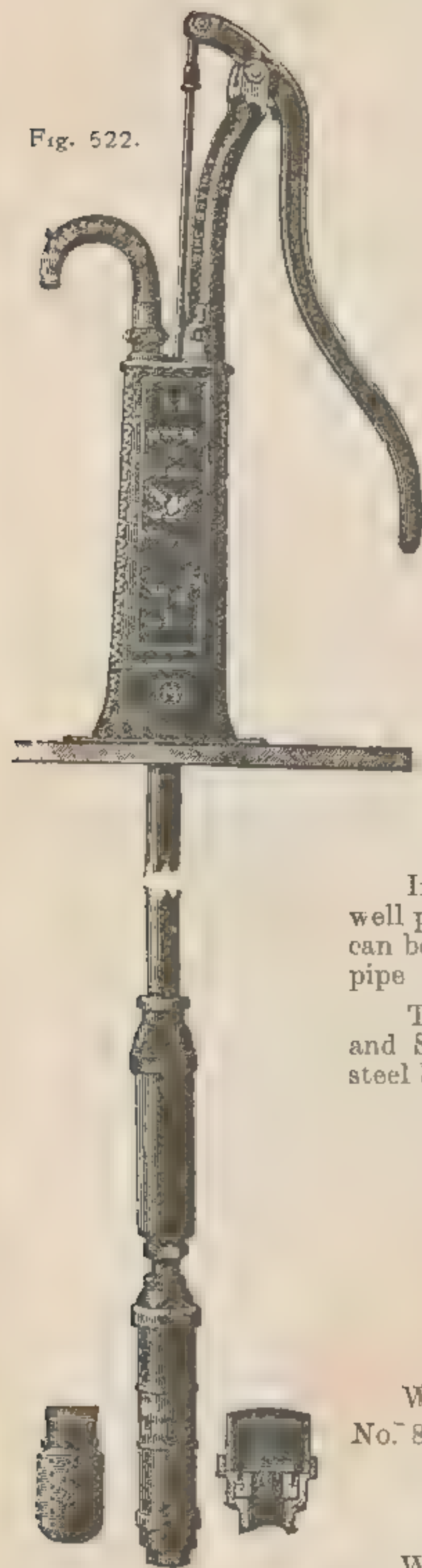


Fig. 264



Pumps - Contd.

Fig. 522.



The Myers Submerged Cylinder Double Acting Force Pump.

For Either Shallow or Deep Wells.

With Seamless Drawn Brass Upper and Brass Lined Lower Cylinders with Glass Valve Seat.

Anti-Freezing.

FIG. 522 represents our Combination Shallow and Deep Well Pump. In offering this pump to the trade, we do so knowing that it will find favor with our customers in territory where there is a great variety in depth of wells, and where it is not desirable to carry a full line of goods, as this pump is adapted to any and all wells from a 4 inch hole up, and from a cistern to a 75 foot well.

In placing the pump in a 25 foot well or less, it is treated as a shallow well pump, and when placed in a well of greater depth the lower cylinder can be detached and placed in the bottom of the well, and connected by pipe and rod same as any deep well pump.

The pumps are all fitted with our latest improved Glass Valve seat and Sand Plunger; have brass upper and brass lined lower cylinders, steel bolts and large air chamber; in fact they are our best and latest goods.

Fig. 522.

FOR WELLS FROM 10 TO 150 FEET DEEP

Will go in a 3 $\frac{1}{2}$ inch Cased Well. Capacity, 340 Gallons per hour.

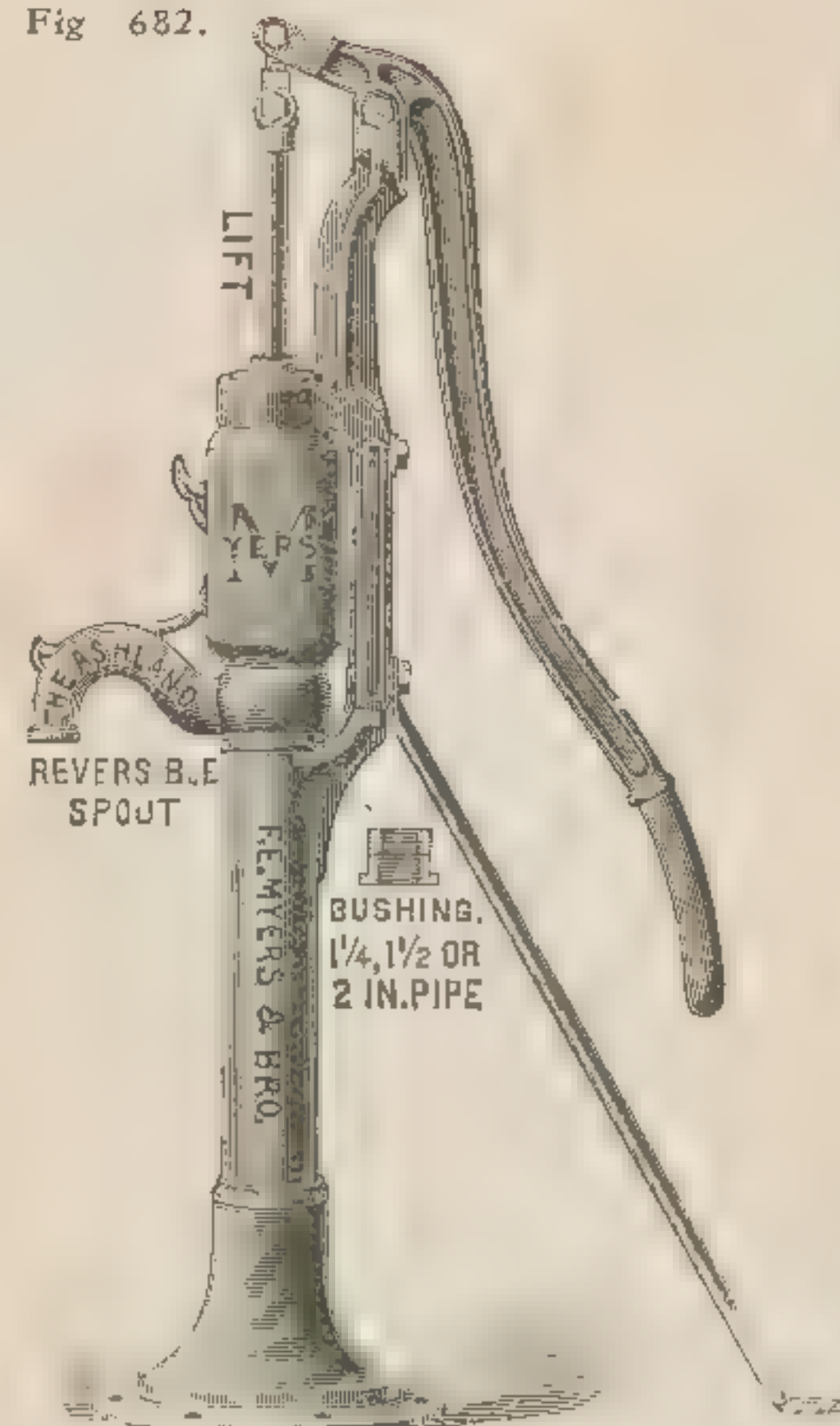
No. 84 has a 2 $\frac{1}{2}$ inch brass lined lower cylinder with latest improved glass valve seat and sand plunger. The brass upper cylinder is 4 $\frac{1}{2}$ feet below the platform, tapped for 1 $\frac{1}{4}$ inch pipe.

FOR WELLS FROM 10 TO 75 FEET DEEP.

Will go in a 4 $\frac{1}{2}$ inch Cased Well. Capacity, 440 gallons per hour.

No. 86 has a 3 inch brass lined lower cylinder with latest improved glass valve seat and sand plunger. The brass upper cylinder is 4 $\frac{1}{2}$ feet below the platform, tapped for 1 $\frac{1}{4}$ inch pipe.

Fig. 682.



The Ashland Tubular Well Stand.

For Tubular or Other Wells.

Tapped for Two Inch Pipe, and Bushed for One and One Half, and One and One Quarter Inch Pipe.

FIG. 682 represents our Improved Deep well Stand, having 6 inch stroke, large steel piston rod and malleable piston rod connections. The head is tapped for 2 inch pipe and reduced by combination bushing to 1 $\frac{1}{2}$ and 1 $\frac{1}{4}$ inch, to allow it to be used on either of the foregoing sizes of pipe, or by removing the bushing will admit a 2 inch pipe. The spout head can be readily removed to get at the bushing. The head is attached to the main stand by means of a socket and two heavy cap screws, which pass through it and engage with the main stand. FIG. 1142 Brass Cylinders are used in this stand. It can be used on any size of pipe from 1 $\frac{1}{4}$ to 2 inch; when used on a tubular well the plunger can be withdrawn through the stand; has a siphon spout which throws a continuous stream.

No. 111, Lift Stand, Fig. 682

Pumps—Contd.

The Myers Ratchet Handle Lift Pump.

With Adjustable Base and Wrought Steel Handle.

Has Patent Glass Valve Seat and Poppet Valve.

FIG. 1108 represents our new lift pump with cog gear or ratchet handle. This style handle is especially adapted to deep well work, owing to the advantage of the superior leverage with short fulcrum and long handle.

The distance from the bolt under the handle to the piston rod is 3 inches with an 8 inch stroke, as against 5½ inches on the ordinary pump with 6 inch stroke.

The piston rod is held in position by a roller bearing.

The handle can be made any length desired by using an ordinary wrought steel pipe; this adapts it to any depth well.

Fig. 1108.

The spout is attached to the pump head by means of a union nut, making it reversible, the same as a double acting force pump. The special construction of this pump head causes the water to flow from the spout in a smooth even stream, equal to that of any double acting force pump on the market. The base is adjustable and can be located at any point desired to conform with the requirements of the user.

Fig. 1108.

FITTED WITH BRASS OR BRASS LINED CYLINDERS AND GLASS VALVE SEAT.

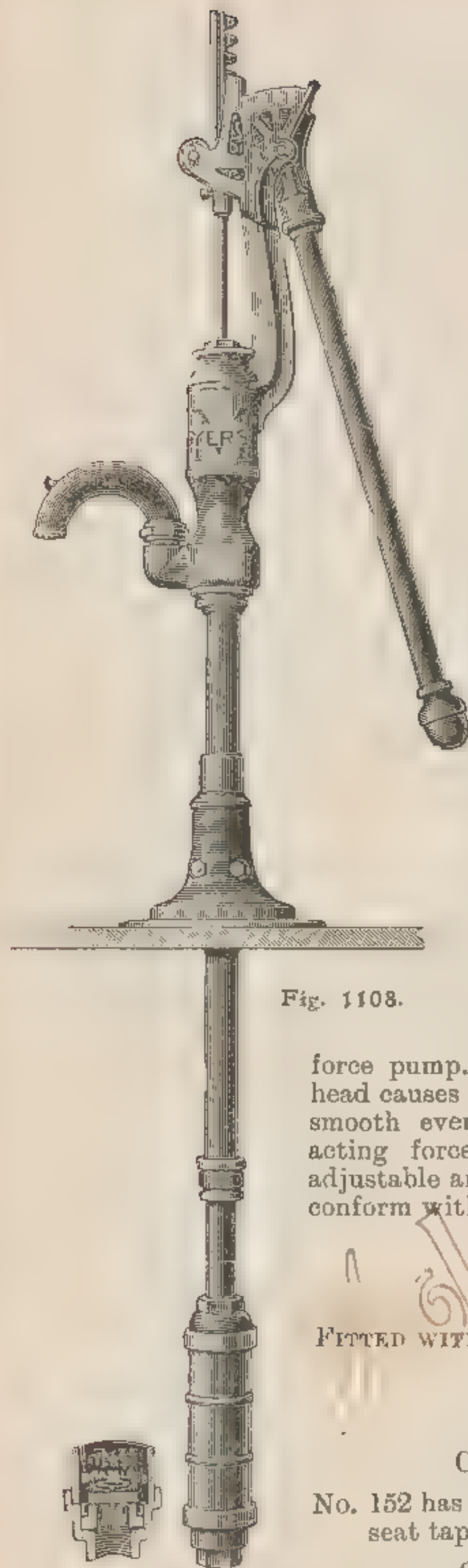
4 FOOT SET LENGTH.

Capacity, 440 gallons per hour.

No. 152 has a 3 inch brass lined cylinder, with glass seat tapped for 1½ inch pipe

Capacity, 600 gallons per hour.

No. 154 has a 3½ inch brass lined cylinder, with glass seat, tapped to 1½ inch pipe.



The Myers Submerged Cylinder Double Acting Force Pump.

With Cog Gear or Ratchet Handle. For Shallow or Deep Wells. Anti-Freezing.

HAS PATENT GLASS VALVE AND SEAT POPPET VALVE.

FIG. 1109 represents our Submerged Cylinder Drilled Well Pump, Fitted with cog gear or ratchet handle. The special feature of this style of handle is that it allows the piston to move in a direct line. Instead of the ordinary slide guard, we use a roller bearing, which reduces the friction to a minimum. This pump is especially adapted for deep well work owing to the short fulcrum of the handle. The distance from the bolt on the handle to the piston rod is 3 inches, as against 5½ inches on the ordinary pump.

The base of the pump is hollow, with a pipe running through the centre for the pump rod to pass through, making the base an air-tight chamber, which forms a part of the air chamber. The handle bearer is a wrought steel tube, forming a handle support and completing the air chamber. The upper cylinder is a seamless drawn brass tube enclosed in an iron shell, and is connected to the base by a 1½ inch pipe, making the strongest and most compact pump possible, and especially adapted to drilled wells. The handle is wrought steel and can be made in any length desired by using an ordinary pipe; this will adapt the pump to any depth well.

Fig. 1109

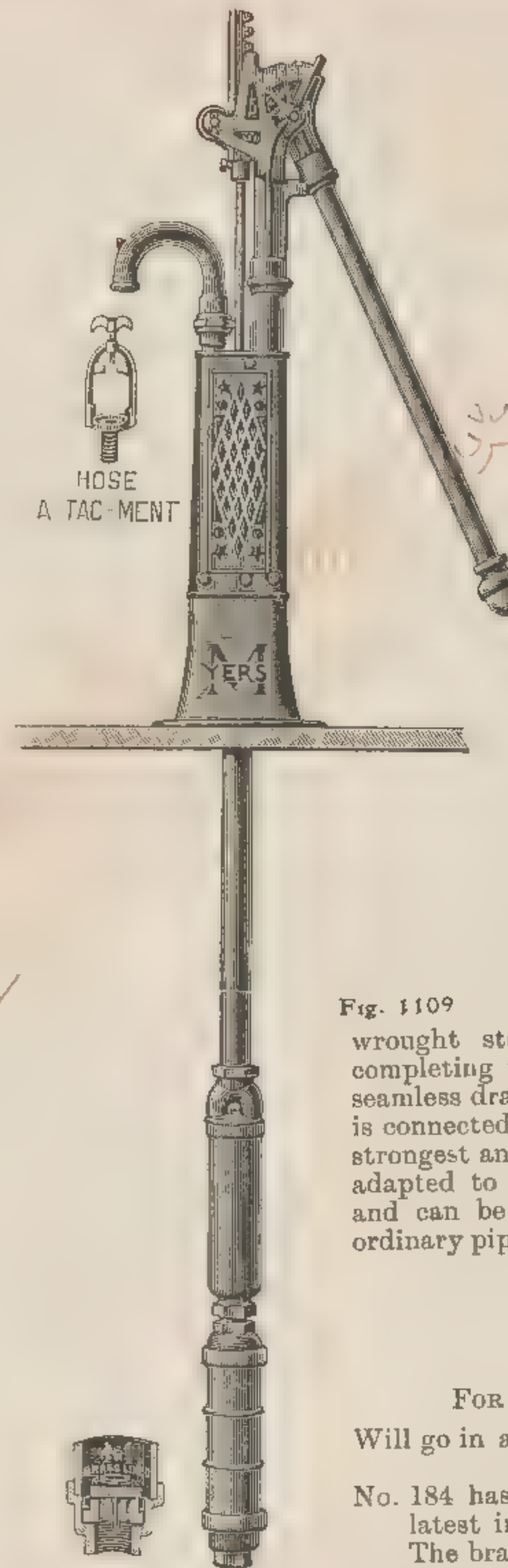
Fig. 1109.

FOR WELLS FROM 10 TO 150 FEET DEEP.

Will go in a 3¼ inch Cased Well. Capacity, 306 gallons per hour.

No. 184 has a 2½ inch brass lined lower cylinder with latest improved glass valve seat and sand plunger. The brass upper cylinder is 4½ feet below the platform, tapped for 1½ inch pipe.

No. 186 for 4½ inch Cased Well. Capacity, 440 gallons per hour; 3 inch brass lined cylinder, 1½ inch pipe.



Pumps—Contd.

MYERS SIPHON PUMP.

With Patent Brass Valve Seat.

Made with Two, Two and One Half, Three, Three and One Half Inch Cylinders. Ten Inch Stroke.
Extreme Movement of Plunger, 12 Inches.

FIG. 695 illustrates the Myers Siphon Pump, constructed so that all the working parts can be removed without disturbing the suction or discharge pipes, or disarranging the pump or connections in any manner. Has drawn brass cylinder, brass valve cap, glass valve seat, brass plunger and piston rod, large brass packing box, air chamber of large capacity, check valve in discharge opening. Outlet can be set at different angles to suit the location. The construction is the very best, and designed to cover every requirement made on a pump of this class.

This pump, as we now build it is improved in the following manner:

The top cap is attached with four bolts. The windmill attachment is fastened by means of set screw. The plunger follower is 1½ inches in length. Has brass valve seat. The discharge pipe can be set at different angles, to suit the location. See description above.

1½ Inch Suction and Discharge.

Fig 695.

Capacity, 400 gallons per hour.

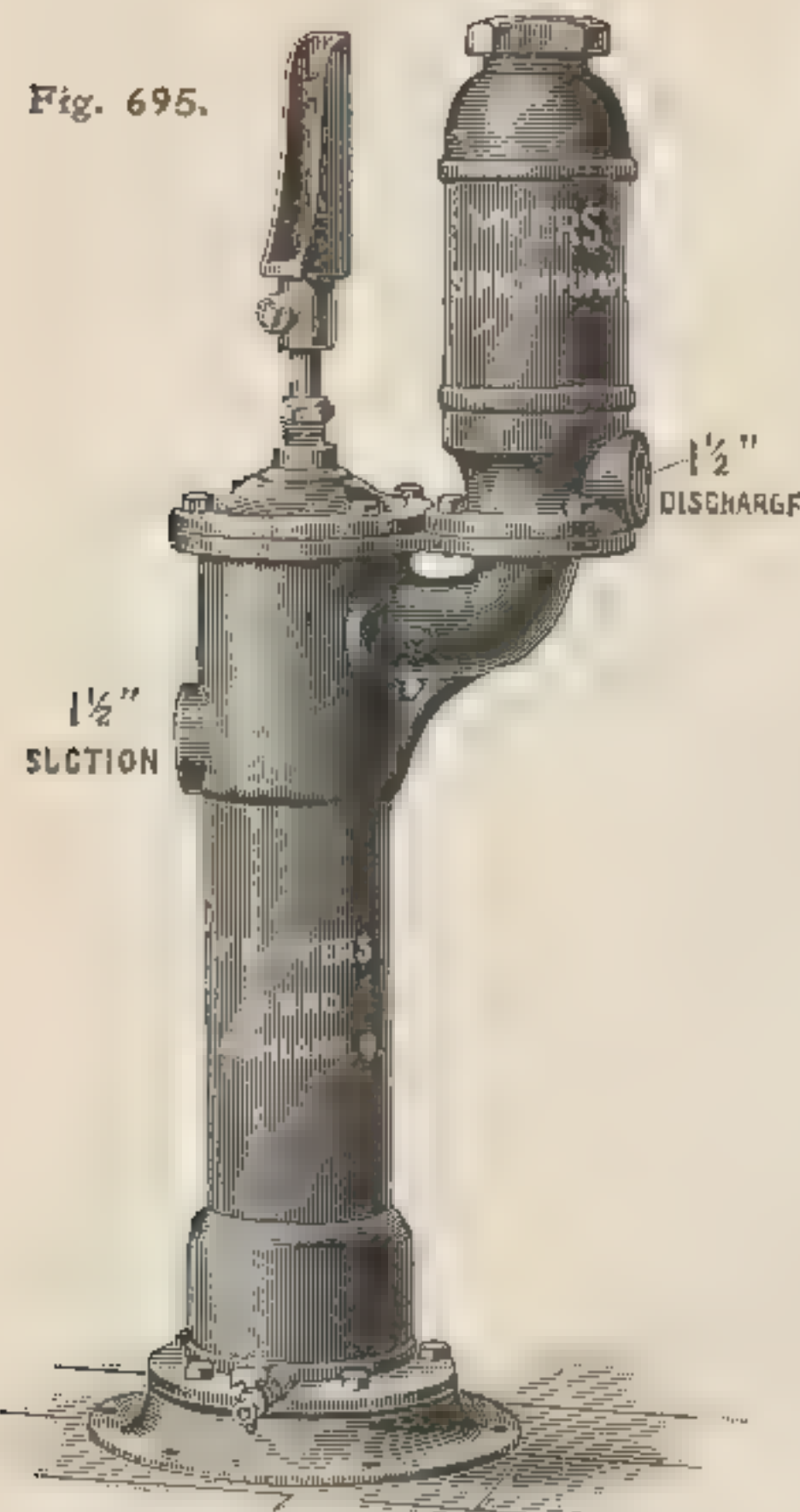
No. 160, with 2½ inch cylinder, tapped for 1½ inch pipe, suction and discharge.

Capacity, 540 gallons per hour.

No. 161, with 3 inch cylinder, tapped for 1½ inch pipe, suction and discharge.

No. 162, with 3½ inch cylinder, tapped for 1½ inch pipe, suction and discharge.

Above capacity based on 30 strokes per minute.



MYERS SIPHON PUMP.

Extra Heavy for Hard Service.

With Patent Brass Valve Seat.

Sixteen Inch Stroke

FIG. 873 shews the Myers Siphon Pump as constructed in its heaviest form. It is so arranged that the working parts, including the cylinder, can be removed without disturbing the suction or discharge pipes, or disarranging the connections in any manner.

Fig. 873.

The top cap is attached with six heavy bolts. Windmill attachment is fastened by means of a heavy set screw.

Has seamless drawn brass cylinder and heavy brass piston rod; brass valve.

The air chamber has large capacity. Check valve in the discharge opening. The discharge can be set at different angles, to suit the location.

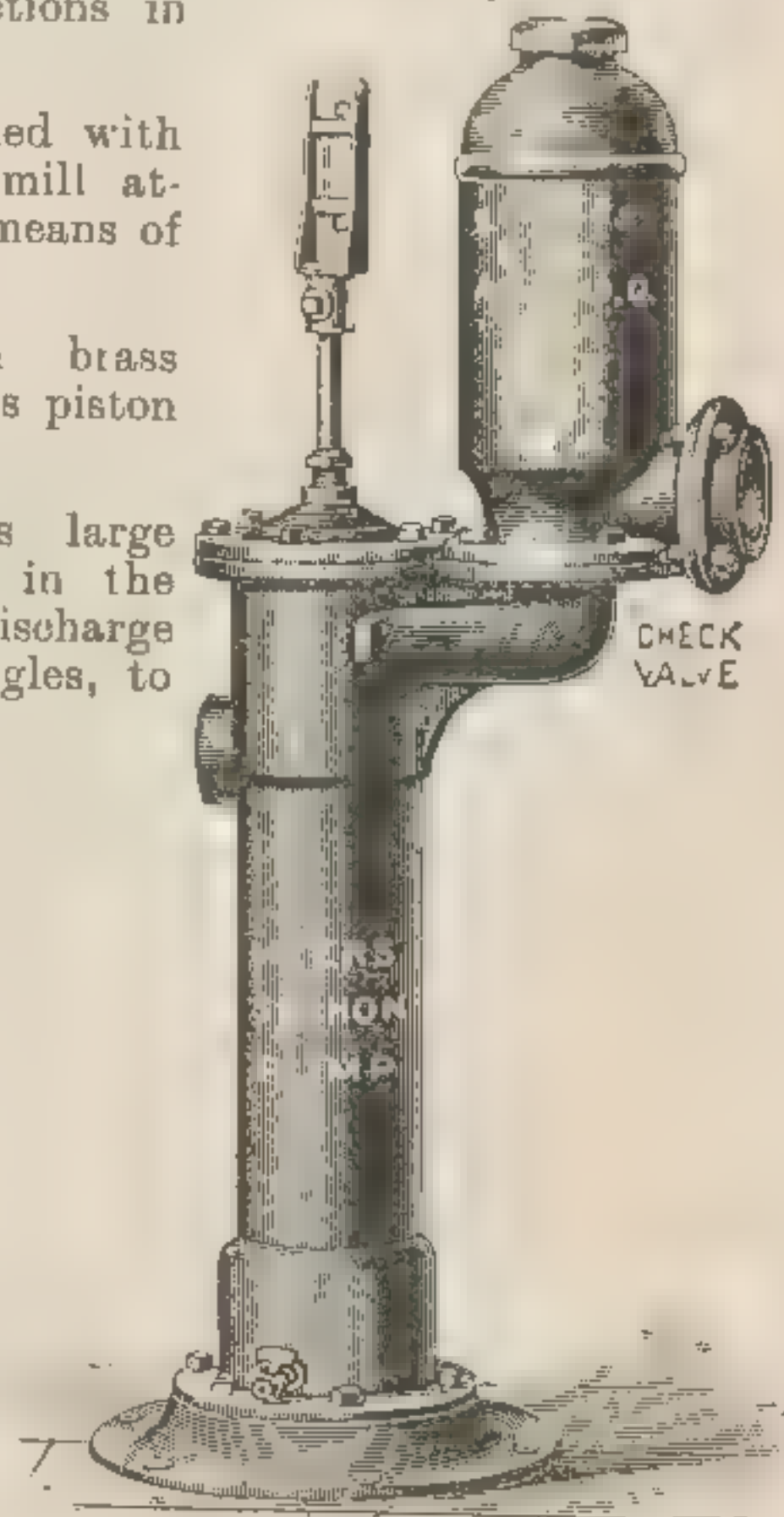


Fig. 873.

No. 164, with 4 inch cylinder, tapped for 2 inch pipe.

No. 165, with 4½ inch cylinder, tapped for 2 inch pipe.

Pumps—Contd.

Fig. 966.

The Century House and Factory Double Acting Force Pump.

For High Pressure Work.

With Removable Brass Cylinder, Brass Piston Rod, Brass Seat and Poppet Valve.

Fig. 966 represents our New Century House and Factory Pump as now built. This pump is fitted with brass seat and poppet valve faced with rubber. The valves are all placed on top of the pump immediately under the air chamber, and are easily reached by removing the top cap.

This is a great improvement over the old style pumps, wherein the head of the cylinder must be removed in order to reach the valve. The pump is fitted with a substantial piston rod guide attached directly to the head of the pump, which always insures good alignment and easy operation.

The handle and guide are reversible, and can be placed on either end. The handle is wrought steel. The large air chamber adapts the pump for elevating water under heavy pressure. We recommend the pump as the best of its class on the market.

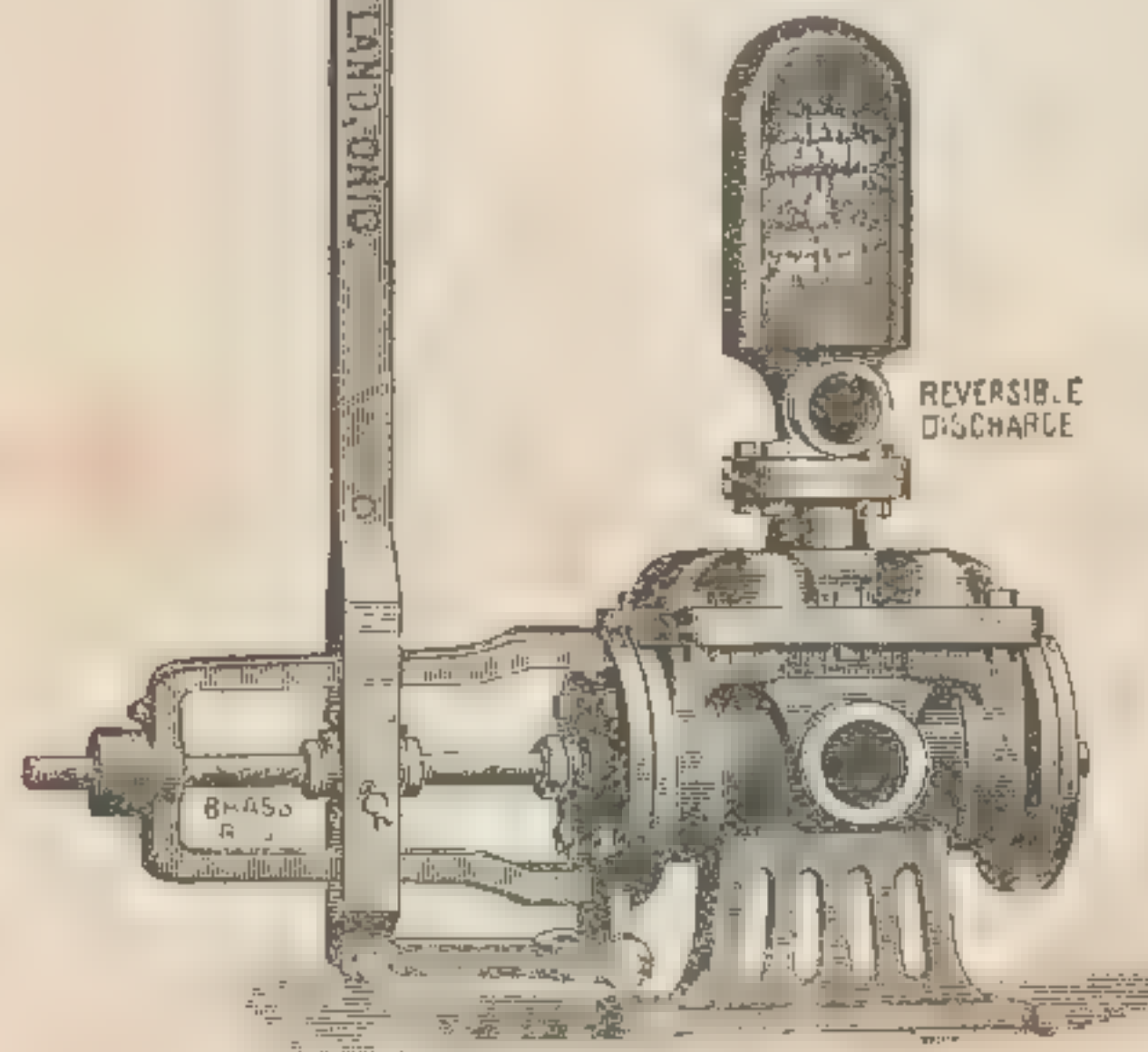


Fig. 966.

No. 274. Myers Century House and Factory Pump, with 3-inch removable brass cylinder, tapped for 1½ inch suction and discharge.

We recommend the Patent Glass Valve Seat, because glass is the only material that will not corrode or rust, and accumulate a vitrous substance which hardens the leather and causes the pump to lose priming, as is the case with brass, iron, or other metals.

The valve is of the poppet pattern, fitted with a specially prepared rubber face. This rubber is pure Para, interlined with layers of strong Canvas, which prevents the rubber from crushing when under pressure as in deep wells.

The Poppet Valve is held in position by a heavy brass cage. This also holds the glass seat firmly in position. The action of the valve is always perpendicular, rising clear of the seat at each stroke thus **clearing** itself of **foreign substances, which** is **not** the case with a hinge valve.

Rubber v Leather in Check Valves.

The advantage of the former is that having more life it expels sand or gravel, whereas leather retains it and causes the pump to lose priming.

Capacity, Two Thousand Gallons per Hour.
Five Inch Cylinder.

Fig. 876 illustrates the Ashland Low Down Tank Pump, our newest and latest design, and we believe the best tank pump ever offered to the trade.

It is so arranged that all valves can be removed by simply taking off the top cap of the pump. This is a feature that will be appreciated by users of the old style tank pumps wherein the head of the cylinder must be removed to reach the valves.

The handle is reversible and can be placed on either end of the cylinder. The pump is fitted for 2 inch suction and discharge, and large waterways throughout, causing easy operation and large capacity. Both suction and discharge are fitted for 2 inch hose and tapped for 2 inch pipe. The spout is reversible, as shown by dotted lines. Has drip cocks for draining cylinder, to prevent freezing.

Fig. 876.

No. 270. Ashland Low Down Tank Pump, with hose nipple, hose attachment, hose band and strainer.

Fig. 876.

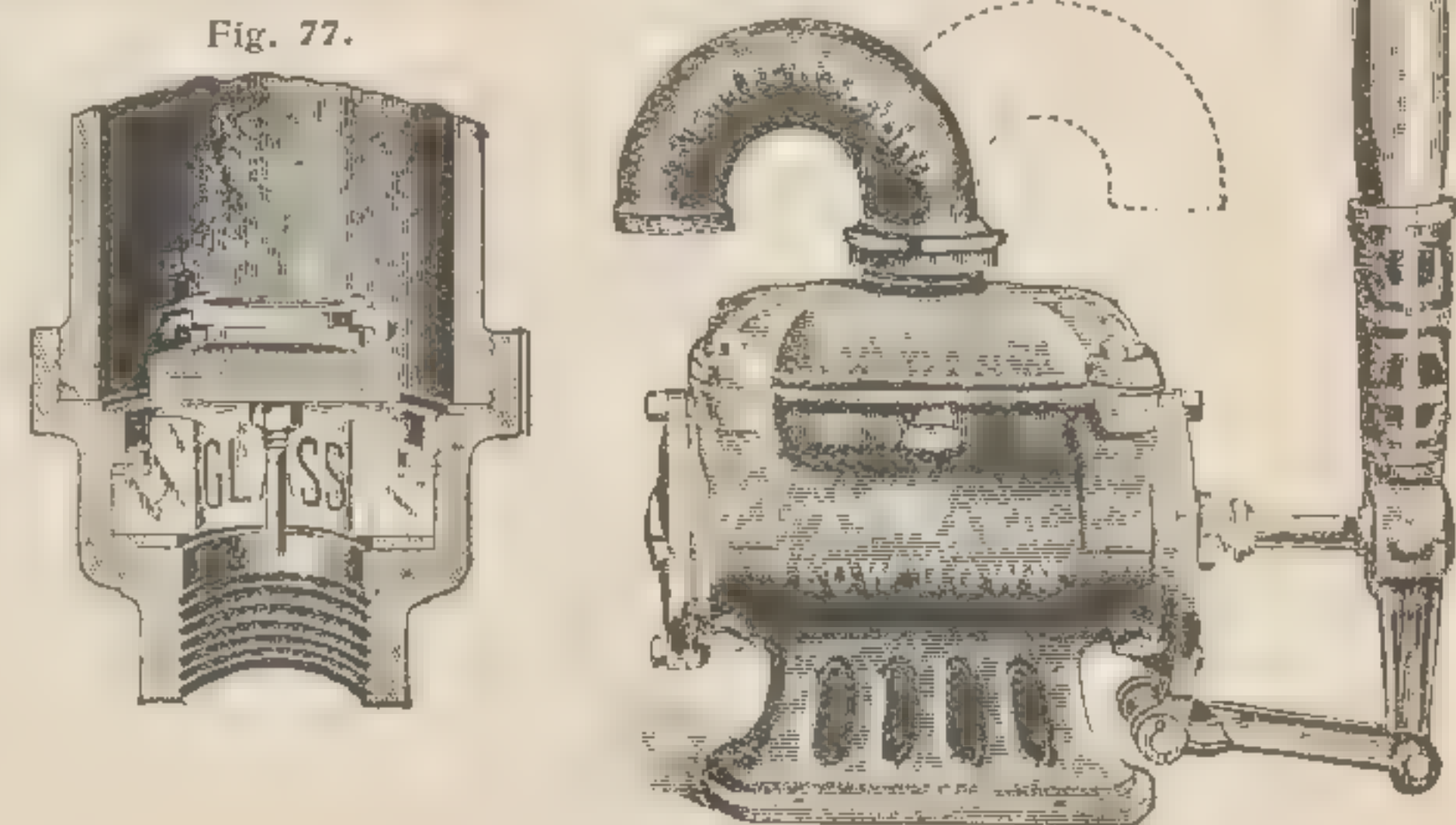
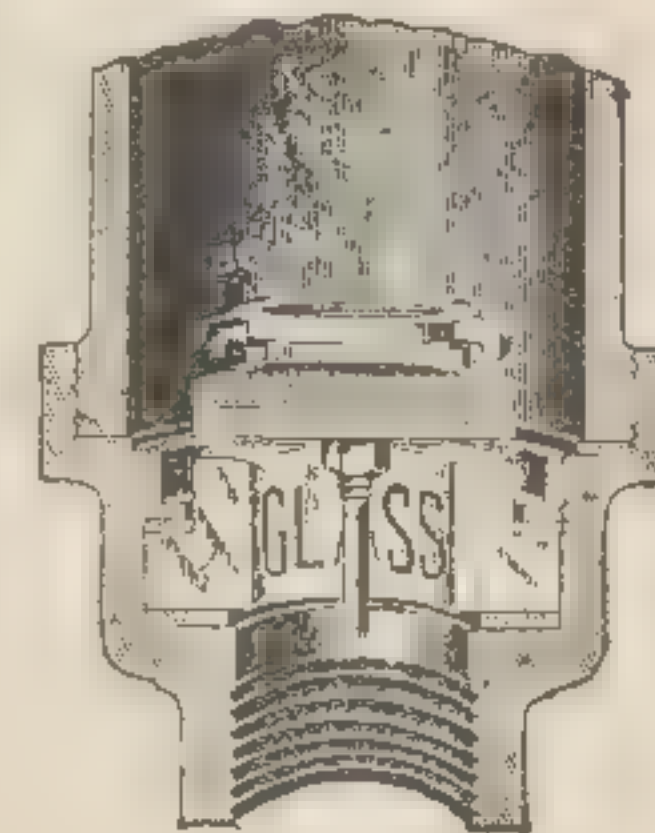


Fig. 77.



Pumps—Contd.

LOW DOWN TANK OR Thresher Pump, No. 269.

The cylinder is in a horizontal position. By this position, we gain great strength and simplicity. It is strictly a double-acting pump, sucking water through the hose on each stroke of the lever. It has a powerful force, and will throw water 60 feet from the point of the nozzle.

The valve seats are of brass, and practically indestructible. The check valves are metal faced with rubber, and so arranged that by removing nut on top of pump anyone can replace the rubber facing in a very short time, practically making a new pump of it.

Fig. 805. Weight, 86 lbs.



The Pump is Practicable for the following purposes:

Filling thresher tanks, washing out boilers, for use in shallow stock wells, draining cellars and barnyards irrigation purposes, washing waggons, winnows, etc., spraying fruit trees, putting out fires, and general use about the farm. As a protection against fire it is without rival.

It is fitted with drip cocks to drain cylinder. Suitable for 2 in. piping or fitted with hose attachments.

Capacity, Two Thousand Gallons per Hour.

The Myers Low Down House and Factory Double Acting Force Pump

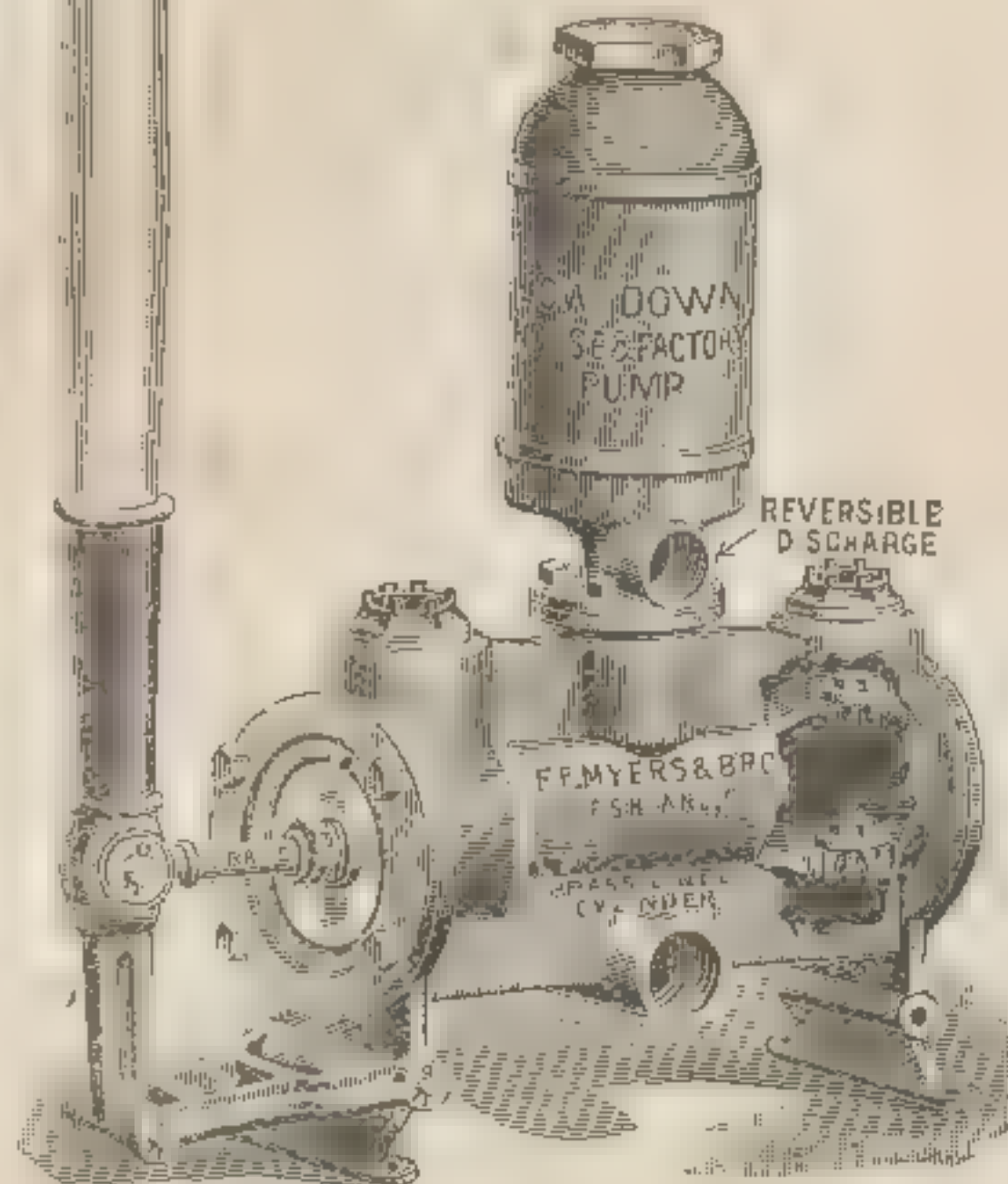
With Brass Lined Cylinder, Brass Piston
and Metal Valves.

FIG. 724 is designed for use in basement for forcing water into an elevated tank; drawing water from springs and forcing to an elevation; for use about factories, mills or warehouses; and also very convenient on board vessels. First-class fire pump and can be fitted on 100 gallon tank.

Fig. 724.

No 259. Low Down House and Factory Force Pump, as illustrated, 3 inch brass lined cylinder, suction and discharge, tapped for 1½ inch pipe

Fig. 724.



The Myers Tubular Well Stand.

PATENTED.

FOR TUBULAR OR OTHER WELLS.

6, 8 and 10 in. Stroke and Cock Spout.

Tapped for 2 in. Pipe and Bushed for 1½ and 1¼ in. Pipe.

FIG. 1187 represents our Improved Deep Well Stand, which embodies more practical features than any other similar stand on the market.

THE COCK SPOUT used on this pump is of the compression pattern with the hand wheel located above the spout, convenient to the user. This spout is a new design, and we believe superior to any cock spout ever offered to the trade. It is fitted with rubber faced valve and operated by means of the hand wheel, which makes a positive and quick shut-off. The entire mechanism can be removed through the top of the spout by the use of an ordinary wrench. It is fitted with a flange face with bolts directly to a faced surface on the side of the pump head, and is held in position by means of two cap screws. The plain and cock spouts interchange on the same pump.

6, 8 and 10 inch
Stroke.

Fig. 1187.

No. 117. Force Stand,
6, 8 and 10 inch
Stroke, cock spout.

Fig. 1142. Brass Cylinders are used on these Pump.



Pumps—Contd.

The Myers Well Force Pump

For Hand and Windmill Use.

With Patent Glass Valve Seat.

FIG. 1110 represents our latest improved Myers Well Force Pump, which is fitted with special base with hand hole, through which the valve and seat can be reached without disturbing any of the balance of the pump.

In adding this new feature to the Myers Well Force Pump, it has been designed so as to use this new base on the regular pump, no changes whatever being necessary except the base.

FIG. 1110. No. 217 $\frac{1}{2}$, 3 in. Cylinder, 1 $\frac{1}{2}$ in. pipe.

No. 218 $\frac{1}{2}$, 3 $\frac{1}{2}$ in. Cylinder, 1 $\frac{1}{2}$ in. pipe.

Rotary Force Pumps.

These Pumps are adapted for any purpose where a Lift and Force Pump can be used.

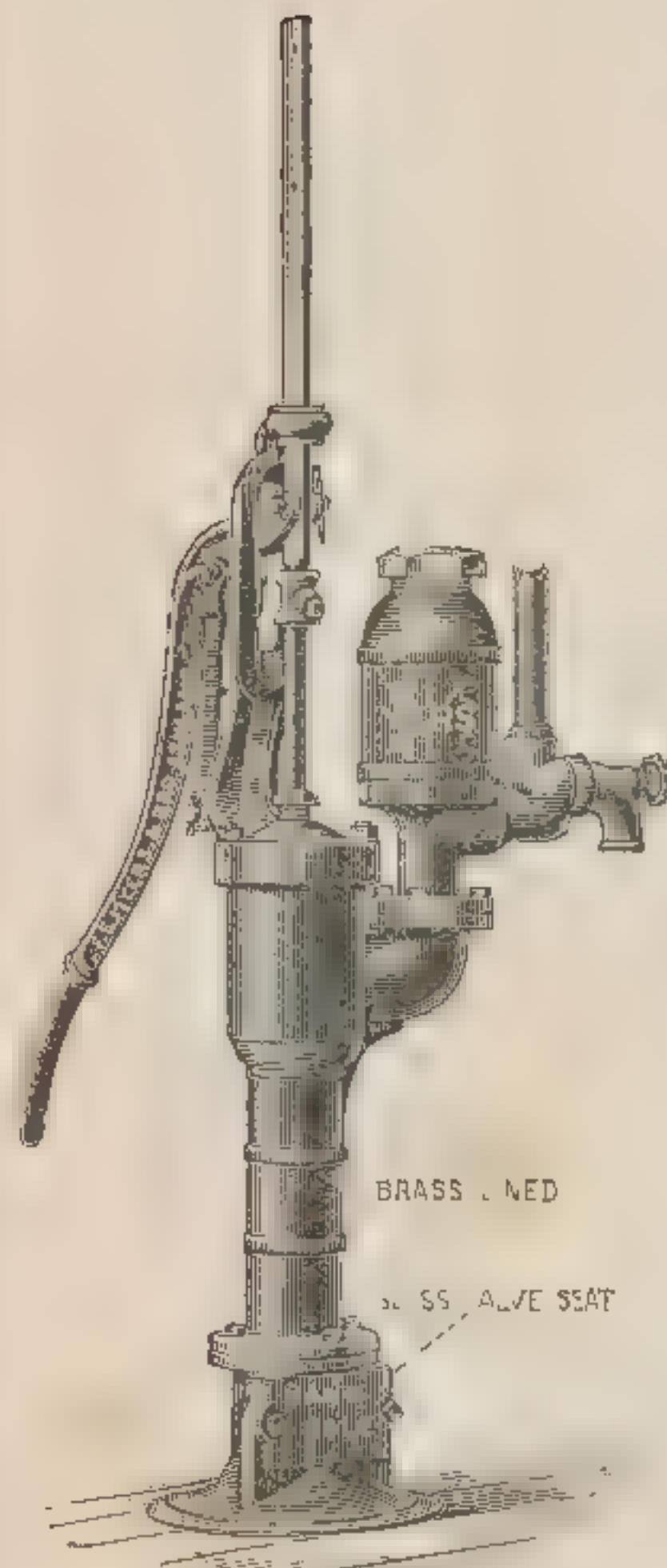


Fig. 1110.



Fig. 297.

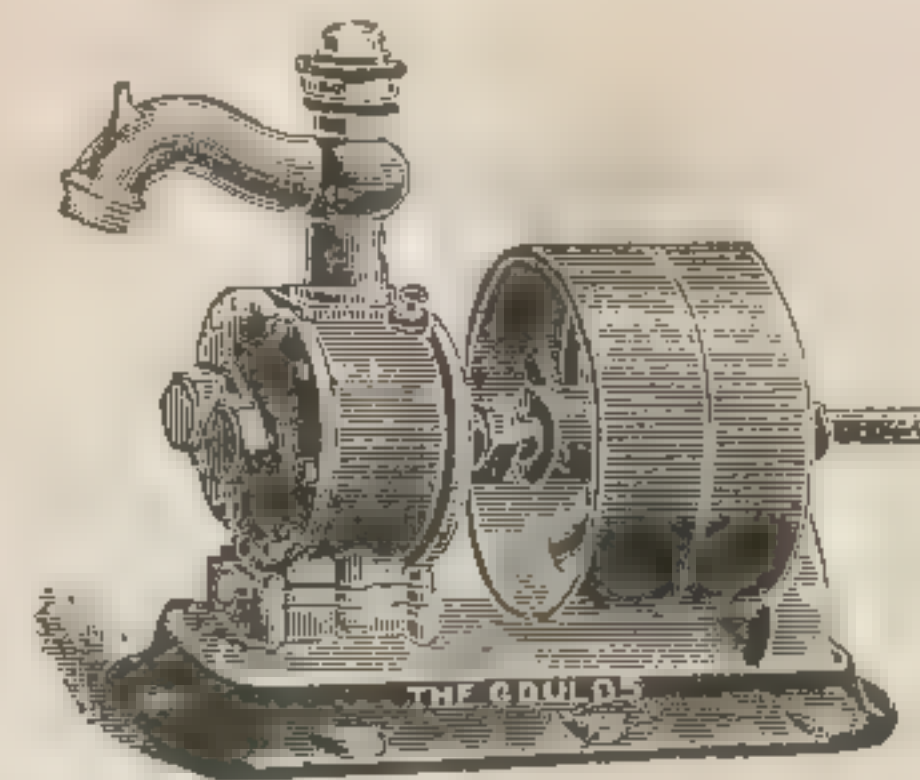


Fig. 1281.

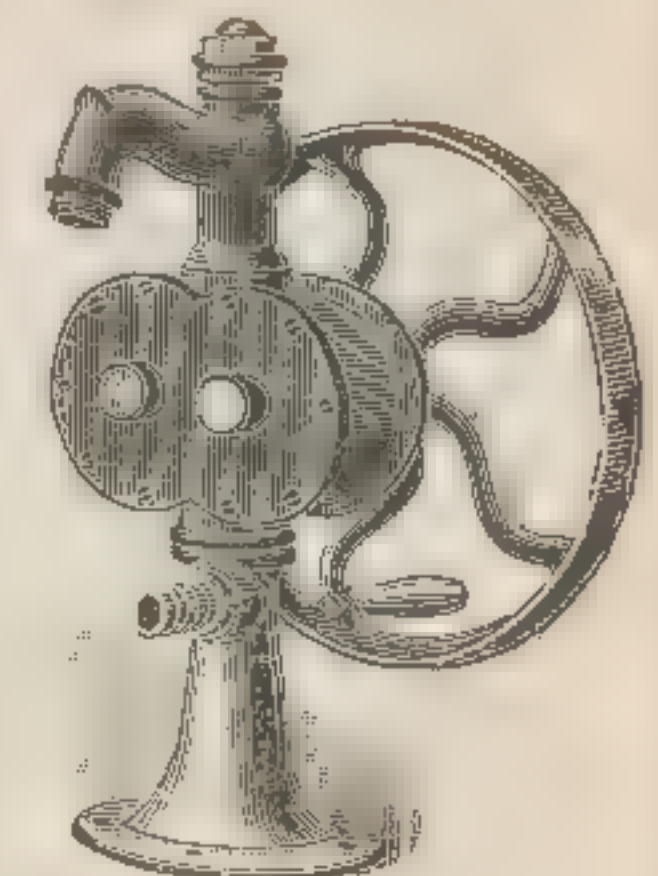


Fig. 821.

Fig. 464. — Rotary All-Bronze Wine Pump, is arranged with an improvement for holding the suction pipe rigid in the bung of a barrel, and can be used in barrels with bungs from 1 $\frac{1}{2}$ -in. to 4-in. diameter, and a suction pipe of 3-ft. in length is furnished with each pump as well as a hose coupling. Best Pumps for wine and other liquids.

Fig. 297 $\frac{1}{2}$ —No. 1, 13 gals. per 100 rev.,	1 $\frac{1}{2}$	Suction, 1-in	Discharge
„ 297 $\frac{1}{2}$ —No. 2, 13	1 $\frac{1}{2}$	„ 1-in.	„
„ 297 $\frac{1}{2}$ —No. 3, 17	1 $\frac{1}{2}$	„ 1 $\frac{1}{2}$ -in.	„
„ 821 —No. 4, 27	1 $\frac{1}{2}$	„ 1 $\frac{1}{2}$ -in.	„
„ 1281 —No. 1, 10	1 $\frac{1}{2}$	„ 1 $\frac{1}{2}$ -in.	„ Pulleys 8-in. x 2 $\frac{1}{2}$ -in.
„ 1281 —No. 2, 13	1 $\frac{1}{2}$	„ 1 $\frac{1}{2}$ -in.	„ „ 8 in. x 2 $\frac{1}{2}$ -in.
„ 1281 —No. 3, 17	1 $\frac{1}{2}$	„ 1 $\frac{1}{2}$ -in.	„ „ 8-in. x 2 $\frac{1}{2}$ -in.
„ 1281 —No. 5, 36	2	„ 2-in.	„ „ 12-in. x 3 $\frac{1}{2}$ -in.
„ 1281 —No. 6, 45	2 $\frac{1}{2}$	„ 2 $\frac{1}{2}$ -in.	„ „ 24-in. x 4-in.
„ 464 —No. 1, 13	1	„ All Bronze	„
„ 464 —No. 3, 17	1 $\frac{1}{2}$	„ „	„

Myers' Pumps are the Most Reliable.

Pumps —Contd.

Fig. 817.



THE MYERS HYDRAULIC RAM.

For Elevating Water.

THE annexed cut represents the Myers Hydraulic Ram. In locating, a pit should be dug in which the hydraulic ram may be placed, in order that it be not affected by the frost. From the pit a drain should be arranged to carry off the waste water.

A reservoir should be constructed, giving the greatest fall or head of water through the drive pipe to the ram.

Our rams are made of iron and bronze. The valve stem and case of the impetus or waste valve are always made of bronze, which is the best material for the purpose.

For further particulars concerning the hydraulic ram, we refer to our special circular on hydraulic rams.

Sizes.

No.	Quantity of water furnished by the reservoir to which the ram is adapted.	Length and drive pipe should be	CALIBRE OF PIPE.	
			Drive.	Discharge.
2	$\frac{1}{2}$ to 2 gallons per minute	12 to 50 feet	$\frac{1}{2}$ inch	$\frac{1}{2}$ inch
3	$\frac{1}{2}$ to 4 gallons per minute	12 to 50 feet	$\frac{1}{2}$ inch	$\frac{1}{2}$ inch
4	3 to 7 gallons per minute	12 to 50 feet	$\frac{1}{2}$ inch	$\frac{1}{2}$ inch

Table Showing Efficiency of the Hydraulic Ram.

Minimum fall of water, in feet, under which ram will effectively elevate water to height given below	2	2	2	3	4	5	6	7	8	10	12
Height, in feet, the water may be elevated	4	6	8	15	24	35	48	63	80	100	120
Length of drive pipe, in feet	12	12	12	15	20	30	40	50	60	75	95
Number of times the height or elevation of discharge is greater than the fall	2	3	4	5	6	7	8	9	10	10	10
Proportion of water elevated or discharged by the ram	$\frac{2}{7}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Proportion of water wasted at the impetus valve by the ram	$\frac{5}{7}$	$\frac{4}{5}$	$\frac{3}{4}$	$\frac{2}{3}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
Per cent. of useful effect of power expended	80	78	75	72	68	62	57	53	48	43	38

N.B. — The length of the drive or supply pipe should not be less than $\frac{2}{3}$ of the height to which the water is to be raised, or five times the height of supply; it may however be longer. The hydraulic ram is most efficient when the volume of the air chamber is equal to the volume of the discharge pipe. The larger size rams, when an abundance of water is supplied, are adapted for elevating to the greatest heights and longest distances. The discharge pipe should not be longer than 10 times the height of discharge.

MYERS CENTURY LOW DOWN DOUBLE ACTING FORCE PUMP.

With Brass Lined Cylinder, Brass Piston Rod and Stub Pitman for Machine Power.

Capacity, Two Thousand Gallons per Hour.

Fig. 968.

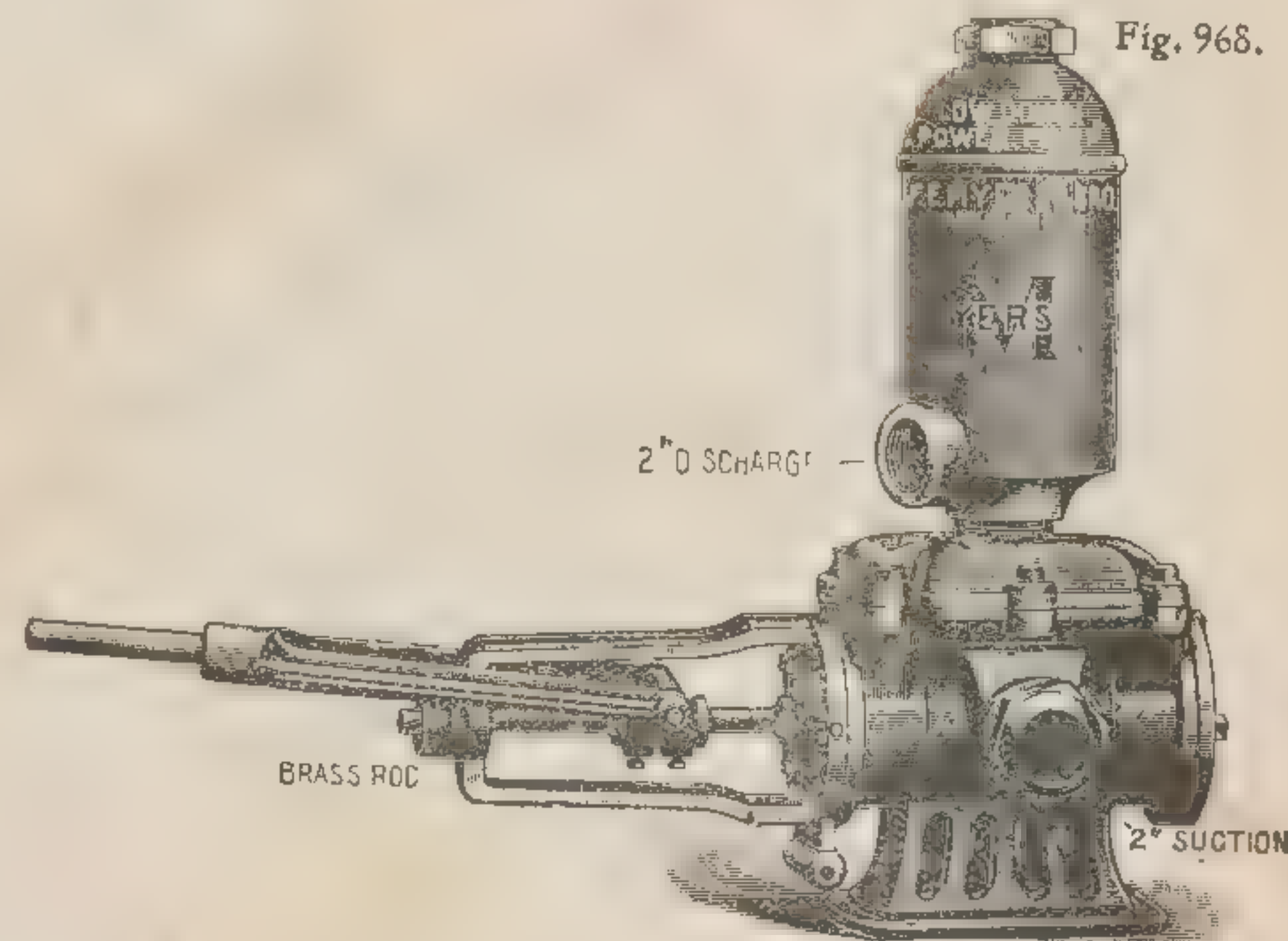


FIG. 968 represents the Myers Century Low Down Double Acting Force Pump fitted with stub pitman, to be used with back gear, engine or other power.

The above pump is fitted with brass lined cylinder, brass valve seat, and rubber poppet valves of the high duty pattern fitted with quick closing coil spring. Has brass piston rod supported by a yoke attached directly to the head of the pump, thus insuring perfect alignment in all cases.

The pump is so arranged that all valves can be removed by taking off the top cap and air chamber. This is a great improvement over o'd style pumps wherein the cylinder head must be removed to reach the valves.

The pump is fitted for 2 inch suction and discharge pipe, and is designed to be run from 30 to 35 revolutions per minute. The cylinder is 5 inches in diameter with 5 inch stroke, and double acting.

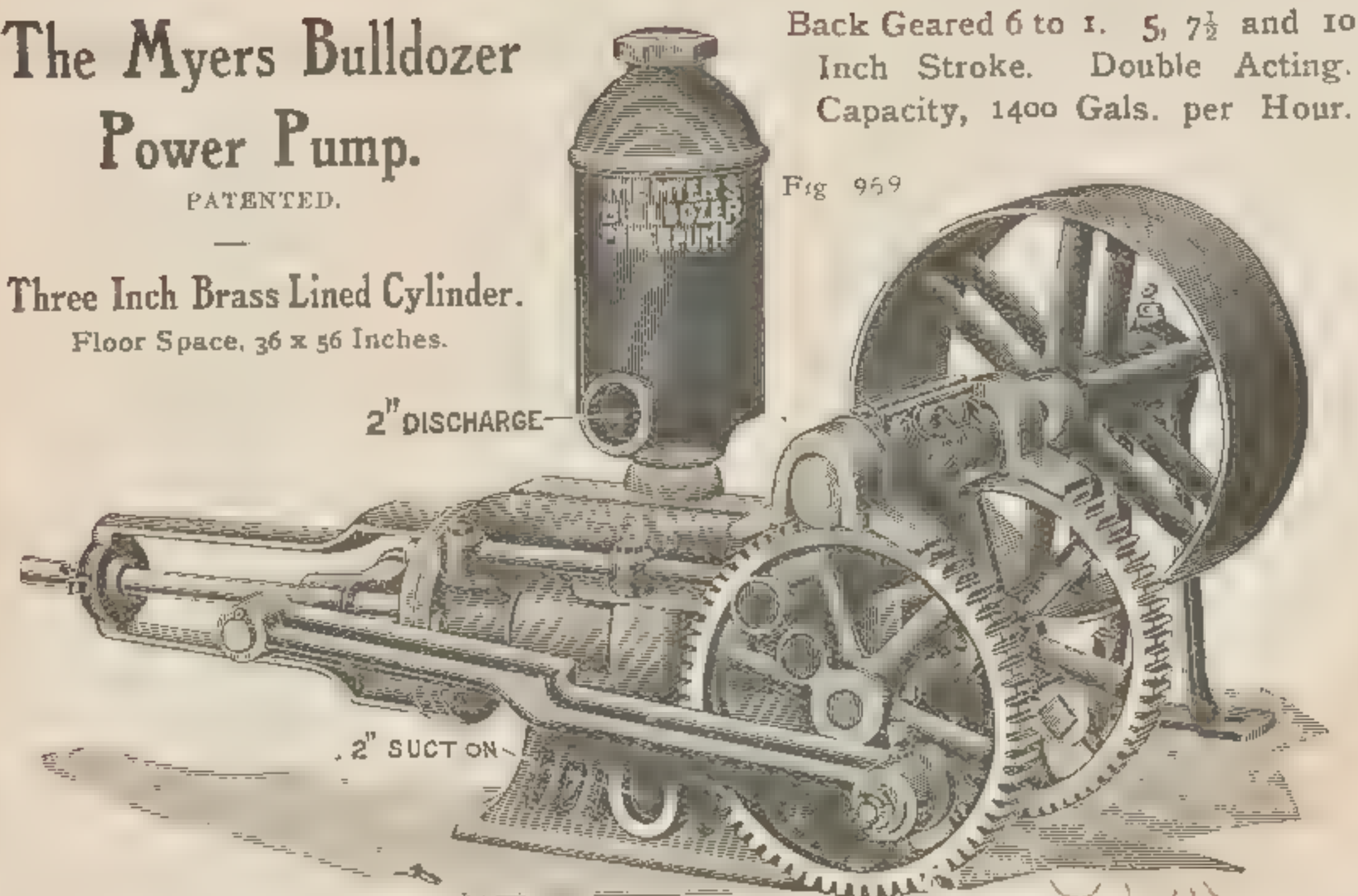
No. 354. Myers Century Low Down Double Acting Force Pump, 5 inch cylinder, 2 inch suction and discharge, stub pitman.

Pumps—Contd.

The Myers Bulldozer Power Pump.

PATENTED.

Three Inch Brass Lined Cylinder.
Floor Space, 36 x 56 Inches.



Back Geared 6 to 1. 5, 7½ and 10
Inch Stroke. Double Acting.
Capacity, 1400 Gals. per Hour.

Fig. 959

FIG. 959 represents the Myers Bulldozer Power Pump as built in the 3 inch size. It is fitted with 3 inch brass lined cylinder, 5, 7½ and 10 inch stroke. The valves are all placed above the cylinder and so arranged that by removing the top cap and air chamber they can be readily reached. The Bulldozer Pumps are fitted with double gear and pinions with side arms attached to either side of the piston rod. This form of construction gives the greatest possible strength for the weight, and is very desirable, as it reduces the strain and adds the strength necessary for pumping under heavy pressure. It has brass valve seats and high duty, quick closing, rubber valves. This pump is especially adapted to meet the requirements of a compact power pump to be operated with gas, gasoline engines, electric motor or other belt power.

We recommend this pump to do good service under heavy pressure. It is guaranteed to elevate water 125 feet perpendicularly, or an equivalent pressure, when properly piped and not restricted: has a capacity of 24 gallons per minute; should be run 20 to 40 revolutions per minute. Each pump is run and tested with water under a pressure of 140 lbs. before leaving our factory.

Its compact construction, great power and wide range of work especially recommend it for general and export trade for the reason that it can be packed in smaller space than any other pump of its capacity known to the trade.

Two inch suction and discharge. Belt pulleys, 3½ x 16 inch.

Fig. 959.

No. 362, Bulldozer Power Pump with 3 inch brass lined cylinder, 5, 7½ and 10 inch stroke, 3½ x 16 inch pulley.

The Ashland Back Geared Countershaft or Jack. With Adjustable Stroke, 5, 7½ and 10 inches.

Back Geared 6 to 1.

3½ Inch x 16 Inch Tight
and Loose Pulleys.

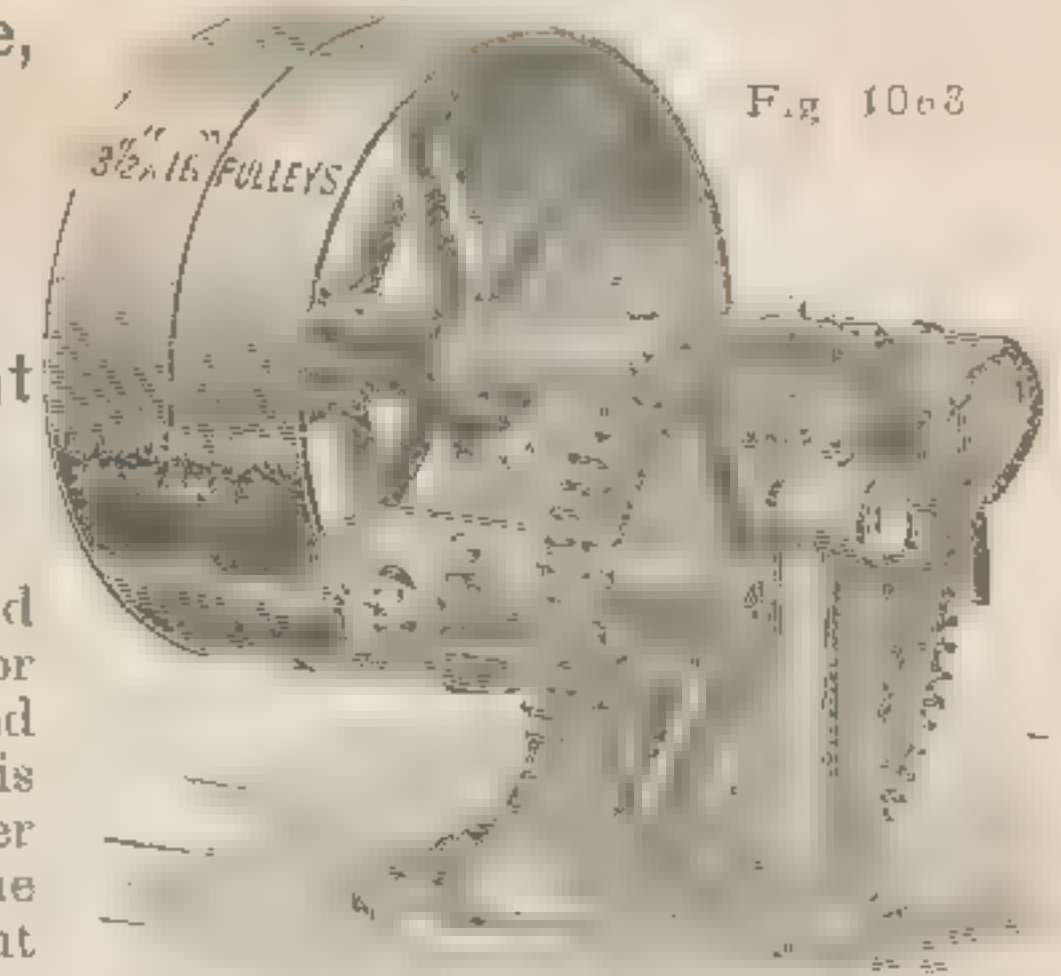


Fig. 1068

FIG. 1068 represents the Ashland Back Geared Countershaft or Jack, which can be mounted in any position desired. It is fitted with a regular Bulldozer Gear, has split boxes babitted the entire length, as shown in cut Fig. 1080.

The wrist pin is nicely turned, recessed into the gear wheel, and held in position by a strong machine bolt; has 1½ and 1½ inch drawn steel shafting. Fig. 880

This countershaft is strongly built throughout and is guaranteed to be stronger than any other countershaft of equal weight. Deep well cylinders

Stuffing Box Heads as figures 880, 1028 may be used with these Countershafts.

Fig. 1068.

No. 347. Ashland Countershaft and Jack, fitted with 4 by 16 inch pulleys.

Myers Stuffing Box Head.

For Iron Pipe.

FIG. 880 represents the Myers Stuffing Box Head arranged to be attached direct to well pipe; is made in 1½, 1½, 2, 2½ and 3 inch size; has heavy brass stuffing nut and brass piston rod.

Fig. 880.

- No. 280. Myers Stuffing Box for 1½ inch pipe.
- No. 281. Myers Stuffing Box for 1½ inch pipe.
- No. 282. Myers Stuffing Box for 2 inch pipe.
- No. 283. Myers Stuffing Box for 2½ inch pipe.
- No. 284. Myers Stuffing Box for 3 inch pipe.



When ordering Pumps specify Myers.

Pumps—Contd.

The Myers Bulldozer Power Pump.

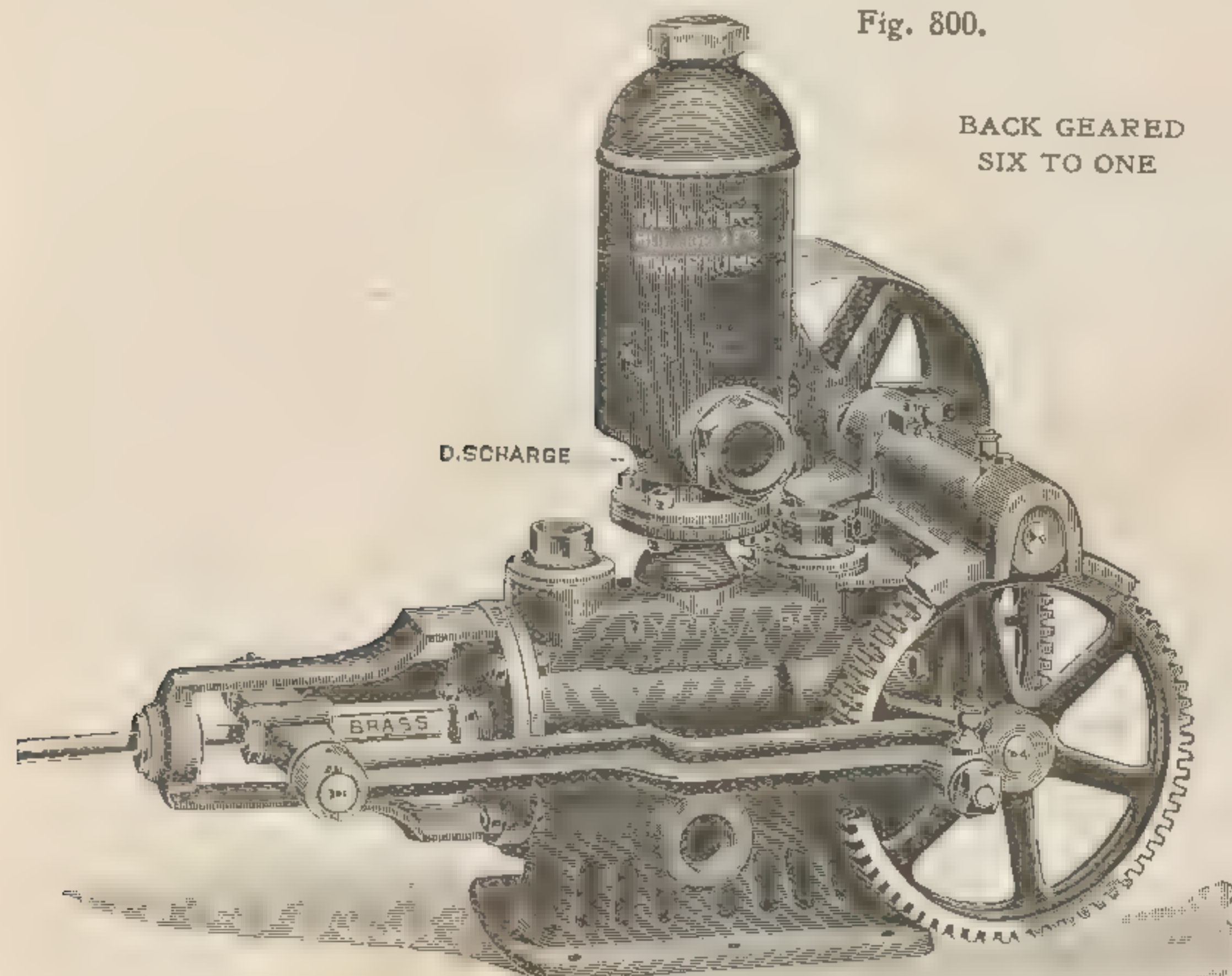
PATENTED.

SPECIFICATIONS.

Five Inch Brass Lined Cylinder.

Double Acting. Capacity, Two Thousand Gallons per Hour.

Fig. 800.



Floor Space, 36 x 42 inches.

FIG. 800 represents the Myers Bulldozer Power Pump, constructed with special reference to power, strength and capacity.

The entire pump is mounted on one base making it easy to set under all conditions. The special feature is the double gear which is practically two sets of gears transmitting power to the piston rod in two lines; one from each end of the main shaft, giving a decided advantage over all other constructions.

The Cylinder is formed by the main body of the pump, this body being bored and lined with a heavy brass seamless drawn brass tubing 5in. in diameter, 5in. stroke.

The Gears are double with 1½in. face and back geared 6 to 1.

The Valve Seats are brass of the Grid Pattern.

The Valves are hard rubber and fitted with coil springs which assist in closing to prevent slippage of water.

The Piston Rod is brass covered and driven from both sides which insures perfect alignment.

The Plunger is double cup leather.

The Guide for piston is mounted directly on the head of the pump.

The Shafting is 1½in. for belt pulleys and 1½in. for gear.

The Pulleys are 3½in. face by 16in. in diameter.

Suction and Discharge tapped for 2in. pipe.

Speed. The pump should be operated from 30 to 40 revolutions per minute.

Elevation against which this pump will operate is 125 feet perpendicular or equal pressure when properly piped and not restricted.

Each Pump is Tested in our Factory Under 140 Pounds Pressure.

No. 353, Bulldozer Power Pump, with 5 inch brass lined cylinder and outer shaft support, 3½ x 16 inch pulleys, 2 inch suction and discharge.

Fig. 800, No. 353, pumping 2,000 gallons per hour.

Feet Elevation	25	50	75	100	150	200
H.P. Required	$\frac{3}{4}$	1	1½	1½	2	2½

The above is full capacity at 40 revolutions per minute.

At over 100 ft. elevation speed should be reduced accordingly.

Capacity: 85 Gallons each revolution of plunger.

Pumps—Contd.

THE MYERS BULLDOZER POWER PUMP.

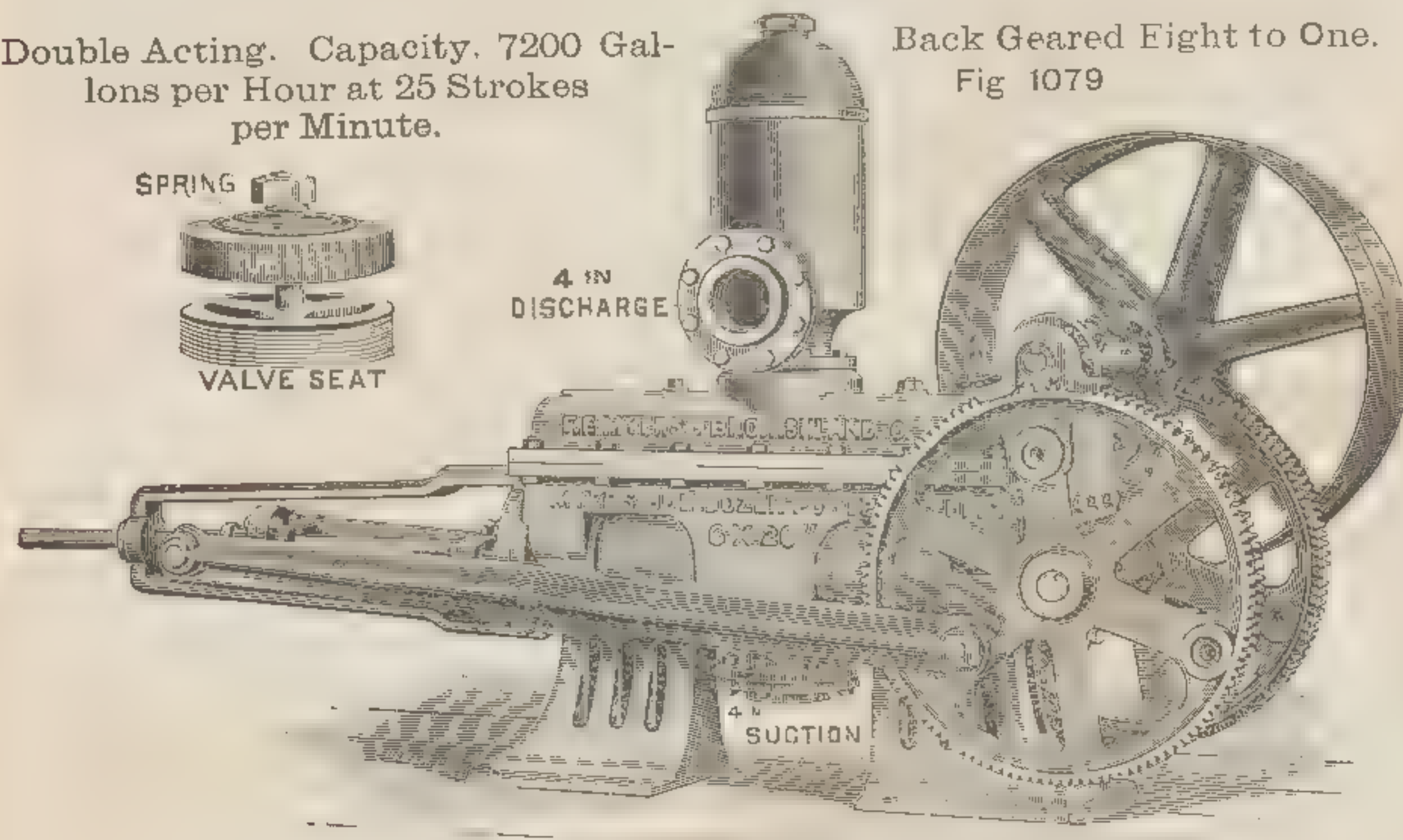
PATENTED.

Six Inch Brass Lined Cylinder, Twelve, Sixteen and Twenty Inch Stroke.

Double Acting. Capacity. 7200 Gallons per Hour at 25 Strokes per Minute.

Back Geared Eight to One.

Fig 1079



Rules for Finding the Size and Speed of Pulleys.

To find the size of driving pulleys: Multiply the diameter of the driven by the number of revolutions it shall make and divide the product by the revolutions of the driver. The quotient will be the diameter of the driver.

The diameter and revolutions of the driver being given, to find the diameter of the driven that shall make a given number of revolutions: Multiply the diameter of the driver by its number of revolutions and divide the product by the number of revolutions of the driven. The quotient will be the diameter of the driven.

To find the number of revolutions of the driven pulley: Multiply the diameter of the driver by its number of revolutions and divide by diameter of driven. The quotient will be the number of revolutions of the driven.

FINISH.

All Myers well pump standards are painted with a fine dark green, and striped with bronze. Bolt head nuts and all raised letters bronzed. A beautiful transfer monogram in gilt appears on each pump. The set length and cylinders are painted black. Myers unloaders are finished in aluminum bronze with red points. We defy competition in workmanship, style or finish.

CAPACITY OF MYERS PUMPS.

The question is often asked as to size of pump required for certain work. Below we give the quantity of water the Myers pumps will discharge per hour when operated at the rate of 40 strokes per minute:—

6 inch cylinder, 6 inch stroke,	245 Imperial gallons per hour.
6 inch cylinder, 6 inch stroke,	352 Imperial gallons per hour.
3½ inch cylinder, 6 inch stroke,	489 Imperial gallons per hour.
4 inch cylinder, 6 inch stroke,	625 Imperial gallons per hour.
Imperial or English gallon of water	= 10 lbs.
American gallon of water	= 8½ lbs.

FIG. 1079 represents the Myers Bulldozer Power Pump as made in its largest size. This pump is built with a 6 inch cylinder, and 12, 16 and 20 inch adjustable stroke. The main body of the pump forms the cylinder, which is first accurately bored and then *brass lined* with a heavy, seamless drawn brass tube, which is forced into place by screw power working under many tons pressure, after which the ends are swaged out, which insures it being permanently located. The pump is fitted with 12 valves formed by using a brass valve seat screwed into the pump proper, and high duty quick closing rubber valves, 3½ inches in diameter. The valves are fitted with a spring which assists in closing so as to reduce the slippage of water to the minimum when working under high pressure. These valves are all located on top of the pump, immediately under the air chamber cap, so they can be readily gotten at for repairing when required. The suction and discharge are fitted with a flange union securely bolted to the pump. They are each 4 inches in diameter. The suction is immediately under the centre of the pump, thus doing away with elbows, etc., as the pump can be located directly over the well. The gears are heavy and substantially made. All boxes are split and lathe fitted and so arranged that the wear can be easily taken up. The piston rod guide is attached direct to the head of the pump, thus always insuring a correct alignment. The shafting and wrist pins are steel. The entire pump is mounted on one base, thus making it easy to set. The outer end of the pulley shaft is supported by a bearing with adjustable box; has brass covered piston rod. The pump is equipped with tight and loose pulleys 30 inches diameter with 6 inch face. Its special construction, great power and wide range of work recommend it for general and export trade, for the reason that it can be packed in a smaller space than any other pump of the same capacity known to the trade.

No. 363. Bulldozer Power Pump with 6 inch brass lined cylinder, 30 x 6 inch pulleys. 4 inch suction and discharge.

Pumps -Contd.

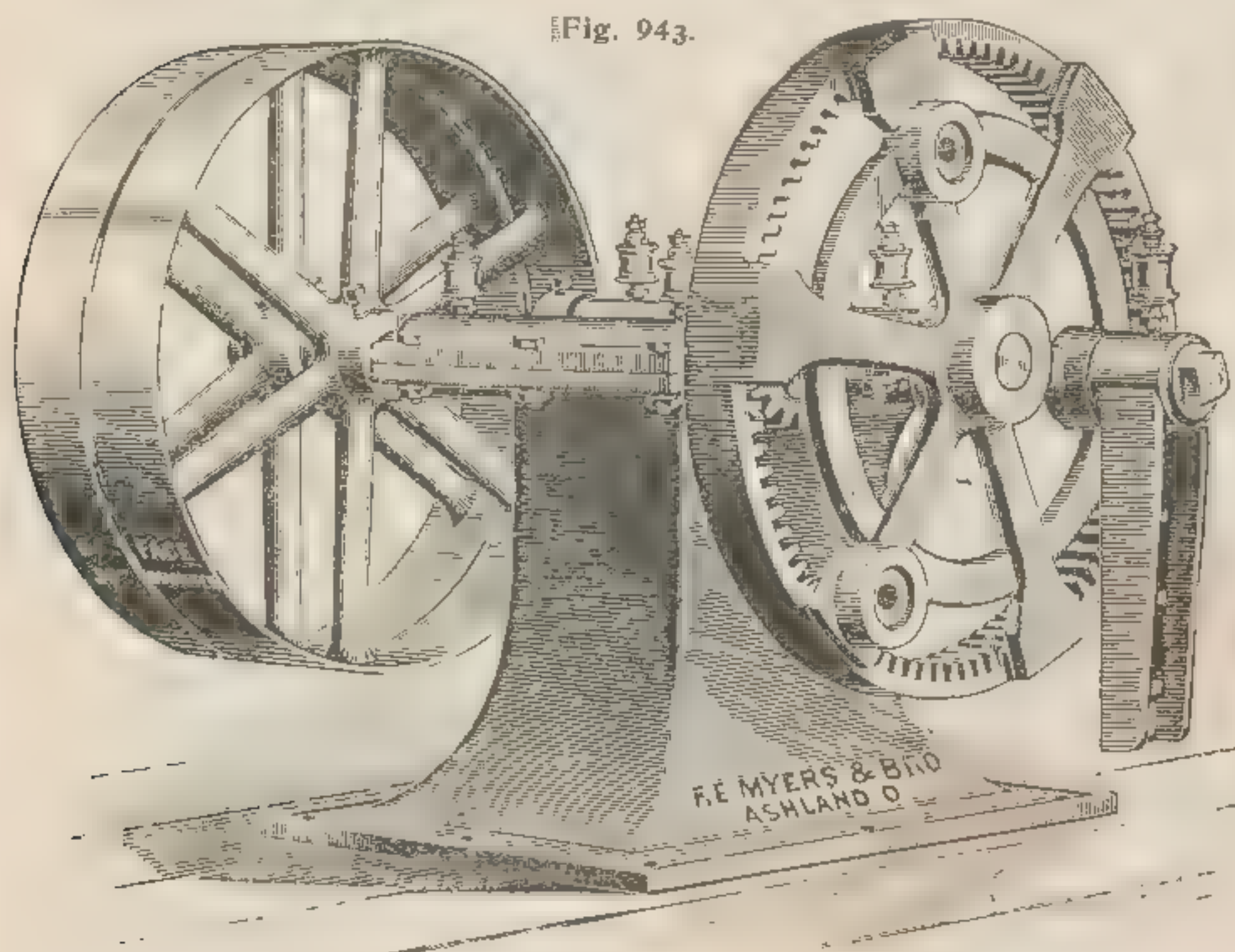
The Myers Back Geared Pumping Jack.

With Twelve, Sixteen and Twenty Inch Adjustable Stroke.

With Tight and Loose Pulleys, Thirty Inch Diameter, Six Inch Face.

Back Geared Six to One.

Fig. 943.



Entire Floor Space, 36 x 36 inches

Fig. 943 illustrates our new Pumping Jack, which is built in a most substantial and compact form; has heavy, square base or stand; has 16 and 18 inch split boxes, babbitted the entire length and fitted with oilers

The Gear is heavy and strong enough to withstand the most severe work. Is made on the internal plan, which gives a greater strength for the weight than any other style of gear.

The larger gear wheel acts as a face plate. Has 2 inch cold rolled shafts.

The wrist pin is 2 inch steel, recessed into the face plate at the hub and held secure by a heavy bolt and fitted for 2½ inch square wood piston rod.

No. 348, Back Geared Pumping Jack, with tight and loose pulleys 30 inch diameter and 6 inch face.

Fig. 1142 and 1007. Brass Cylinders are used on the above.

Myers Bulldozer Power Working Head.

PATENTED.

This working head is built especially for heavy, deep well work or a high elevation. The arrangement is such that the power is applied direct to the piston from the drive wheels—one located on each side of the main stand.

By this construction, side motion is done away with, and great lifting power, strength and capacity insured. The arrangement of the gears and shafts permits the working end of the pump to be moved up or down at the piston rod. The box is adjustable and has a slot for the drive shaft with adjustable box and steel pinions.

The working head is so arranged that by uncoupling the piston (which is provided for by bolt flange) the head of the pump can be removed and the plunger up to 8 inch size withdrawn through the head of the pump without disturbing any of the parts. The well pipe is supported by a flange immediately above the gear and below the chamber. By use of different sized flanges the working head can adapt itself to any size of pipe up to 8 inch diameter. Pipe up to 12 inch size can be withdrawn without disturbing any of the parts.

Will start and stop in 10 seconds. No. 1007, Floor Space 36 x 36 inches, Entire Height on Long Stroke 8 feet 11 inches.

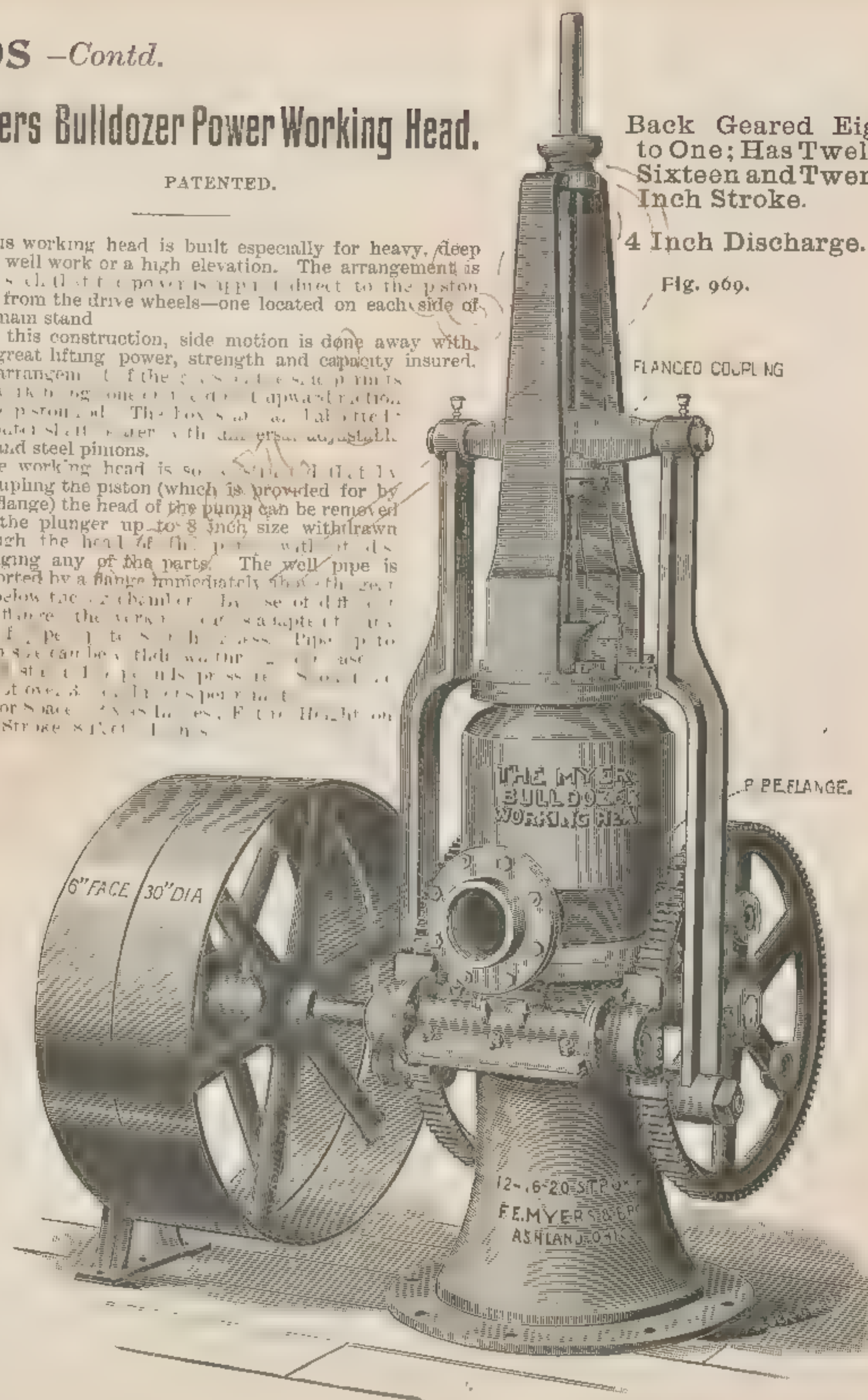
Back Geared Eight to One; Has Twelve, Sixteen and Twenty Inch Stroke.

4 Inch Discharge.

Fig. 969.

FLANGED COUPLING

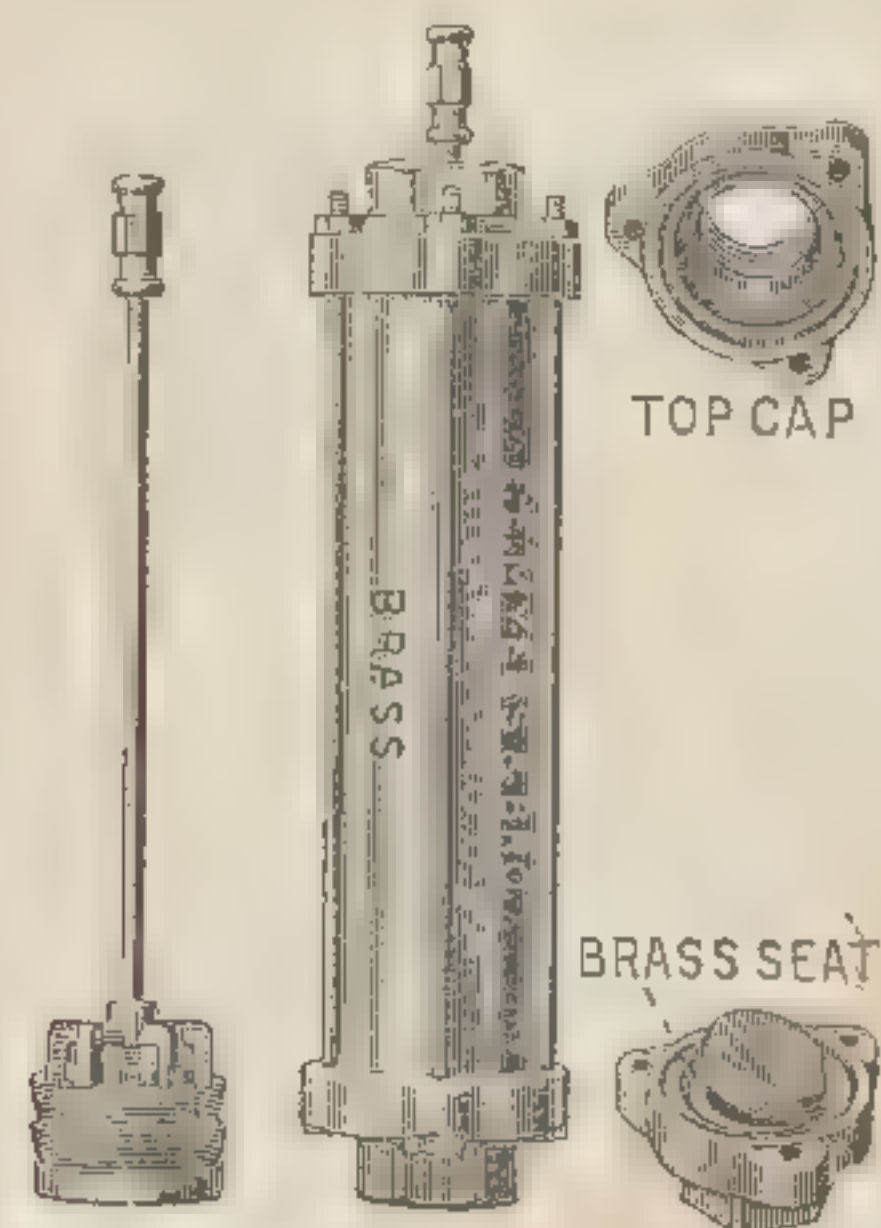
P. P. FLANGE.



Pumps—Contd.

Seamless Drawn Brass Cylinders,

with Bolted Galvanized Iron Caps. Fig. 1142. This is a specially heavy cylinder, made with seamless drawn brass body, heavy iron caps held together by 3 bolts. The plunger has a brass cage. The main feature is the packing of the caps. They have a milled groove in which is placed a leather packing to receive the edge of cylinder, thus preventing the packing from blowing out, and the lower cap has also a metal ring, which holds packing in its place.



Stocked in following sizes:—

3 x 12	3½ x 12	4 x 12
3 x 14	3½ x 14	4 x 14
3 x 16	3½ x 16	4 x 16
3½ x 18	4 x 20	



DRIVE WELL POINT. 1, 1½, 1¾, 2.

THE MYERS ARTESIAN WELL CYLINDER.

For Power Work.

With Quick Closing Rubber Faced Plunger Check and Double Leather Plunger.

Valve and Plunger Can Be Withdrawn Without Disconnecting the Pipe.

FIG. 1007 represents the Myers Artesian Well Cylinder as arranged to withdraw plunger and check valve through the top of the cylinder and pipe without disconnecting any of the parts.

The cylinder body is a heavy seamless drawn brass tube. The plunger is all brass, fitted with double leathers and a quick closing spring valve with rubber face.

The check valve is faced with leather and fitted with a heavy weight at the bottom, which prevents its jumping out of the seat while in use. Has brass valveseat with long brass follower. This cylinder is especially made for heavy work and thoroughly guaranteed.

Discharge pipe must be one size larger than cylinder.

Sizes in stock:

6 x 30
4 x 20



Pumps—Contd.

Myers Horse Power and Low Down Pump Combined.

Capacity, Two Thousand Gallons per Hour.

Five Inch Brass Lined Cylinder, Five Inch Stroke, Double Acting.

Floor Space,
35 x 58 Inches.

Fig. 1082.

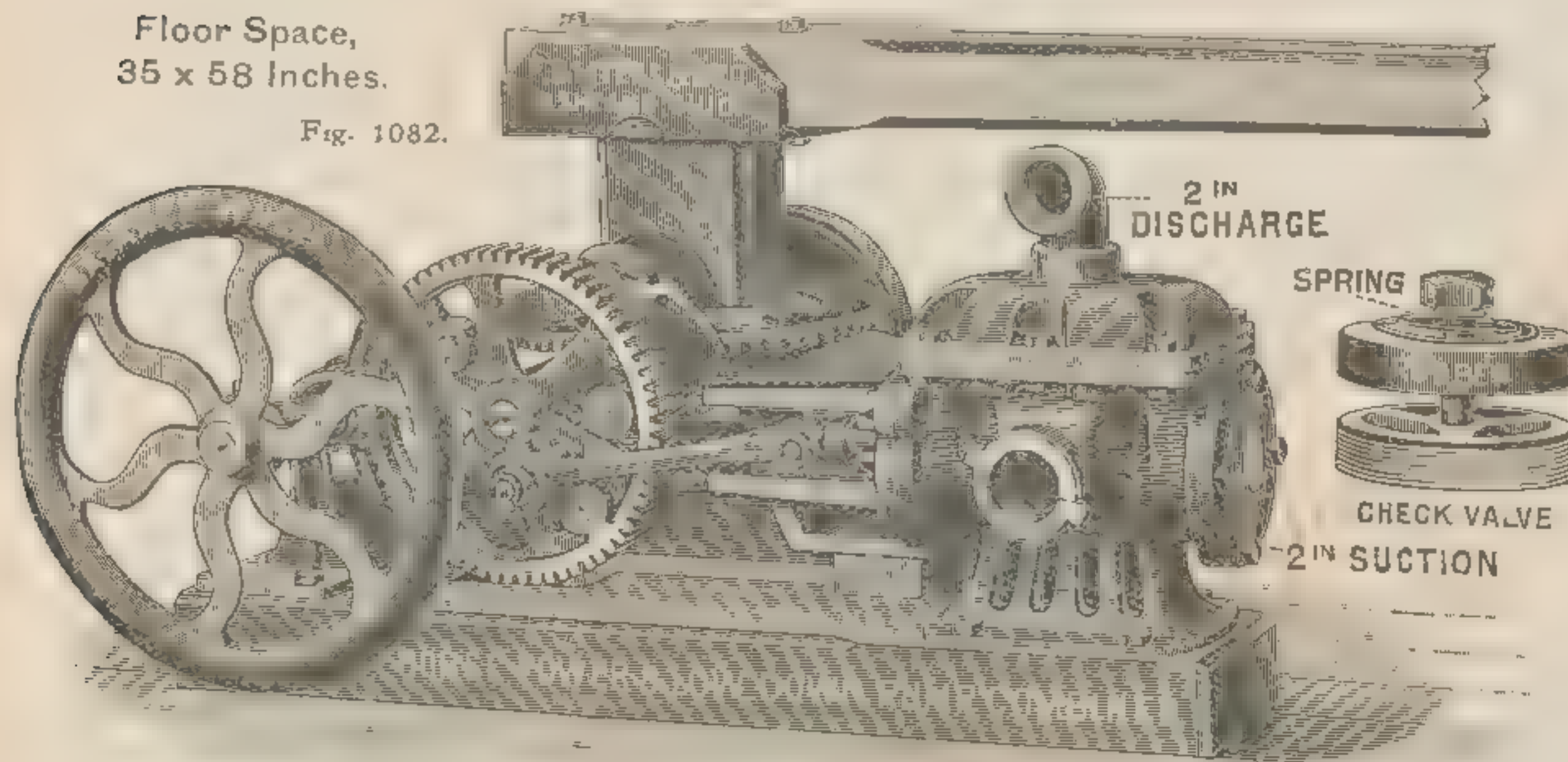


FIG. 1082 illustrates the Myers Horse Power and Low Down Pump mounted on heavy timbers. This is our regular horse power described under Fig. 736, used in connection with the Century Low Down, Fig. 968. The pump and power are connected by means of a heavy casting, which forms a slide from the cross head. This construction insures correct alignment at all times.

The periphery of the crank wheel is fitted with cogs which engage a pin on operating a balance wheel. The motion of this balance wheel carries the piston over the dead points in a regular movement and prevents the rebounding of the horse power lever.

This makes a complete and very desirable outfit for stock farms or ranches, as the herder can hitch his pony to the pump at any time and in a very few minutes pump water sufficient for his stock. This outfit is designed to pump water from shallow wells and cannot be used in wells over 25 feet deep. It is also a desirable outfit for a small irrigation plant or other purposes, as the water can be conveyed through discharge pipe to the point desired.

It is furnished complete with air chamber, but no discharge or suction pipe.

Brass valve seats and high duty rubber valves.

Discharge and suction pipe 2 inches.

One circuit of horse makes 11 strokes of piston.

No. 355, complete (with air chamber for discharge pipe, not shown in cut).

Myers Bulldozer Power Working Head.

PATENTED.

Back Geared,
Six to One.

This working head is built especially for deep well work. Its construction insures great lifting power, strength and capacity. The arrangement is such that the power is applied direct to the piston from the two drive wheels, one located on each side of the main stand. By this construction we do away with side motion and wear.

The gears are located to one side, so that the work is done on the direct upward motion, the piston passing down on the angle. This insures great lifting power and light wear. All boxes are parted and babbited. Has countershaft bearer with universal adjustable box; has steel pinions.

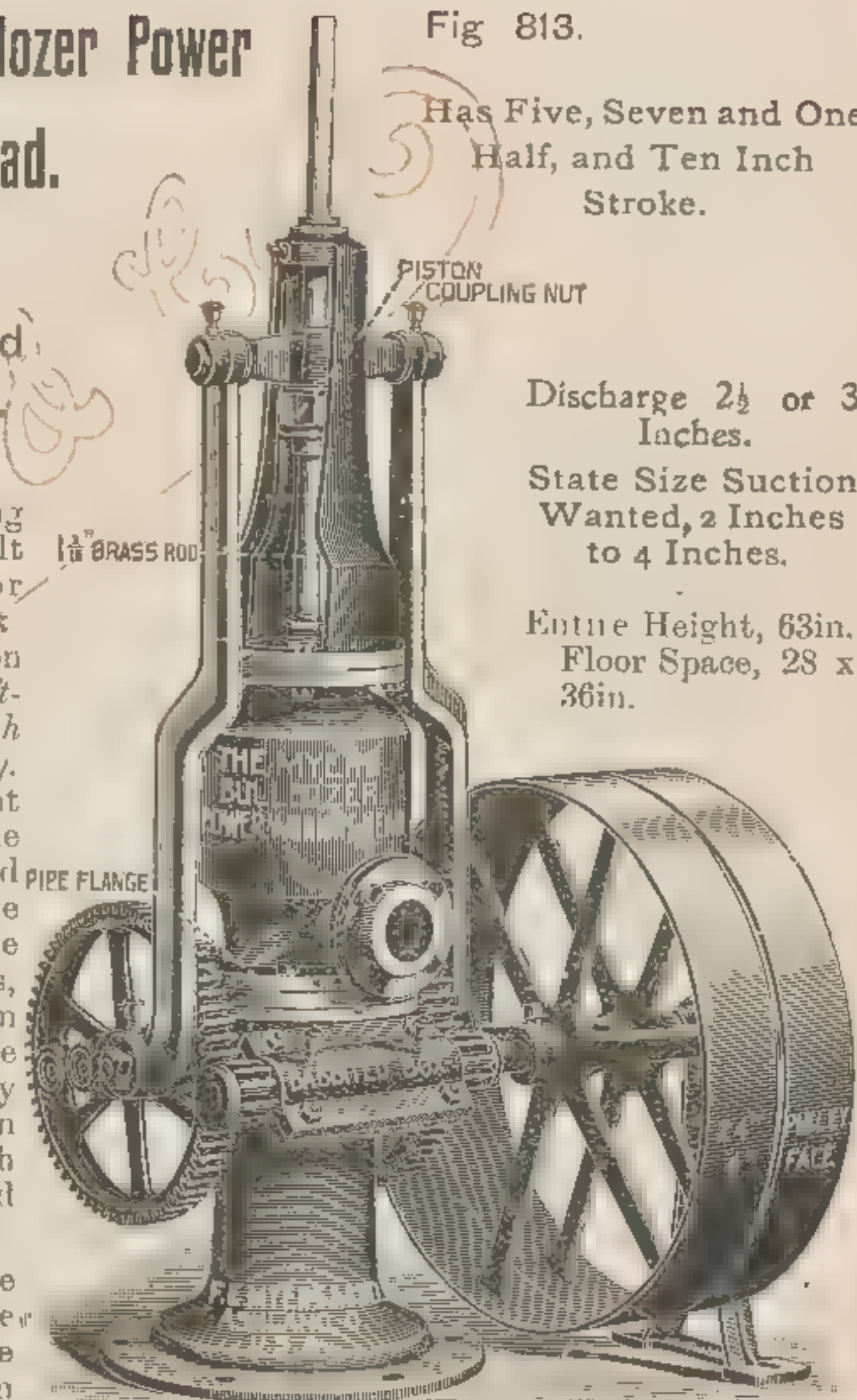
This working head is so constructed that by uncoupling the piston (see coupling nut in cut), and removing the piston rod, a 4 inch plunger can be withdrawn through the head (see Fig. 814). The well pipe is attached to a pipe flange located below the air chamber, hence any size pipe, from 1½ inch pipe to 4½ inch casing can be used by changing the flanges. The pipe can be withdrawn through the base.

Will raise water 250 feet. Should be run not over 35 revolutions per minute and less on deep wells.

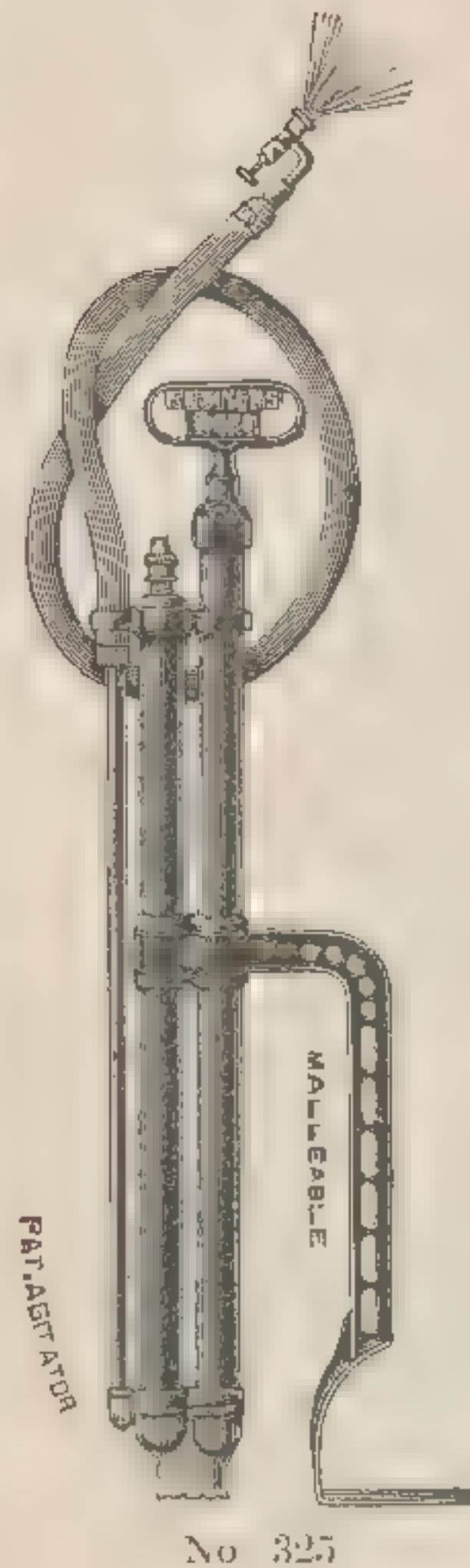
Cylinders, Figs. 1142 and 1007, are used on above.

Fig. 813.

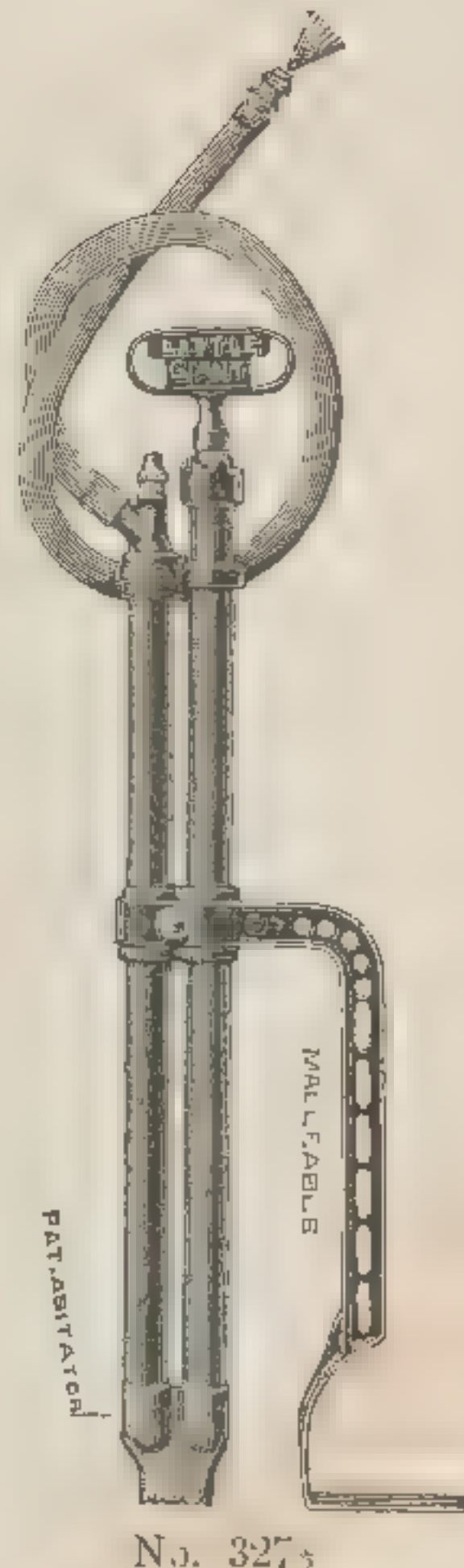
Has Five, Seven and One Half, and Ten Inch Stroke.



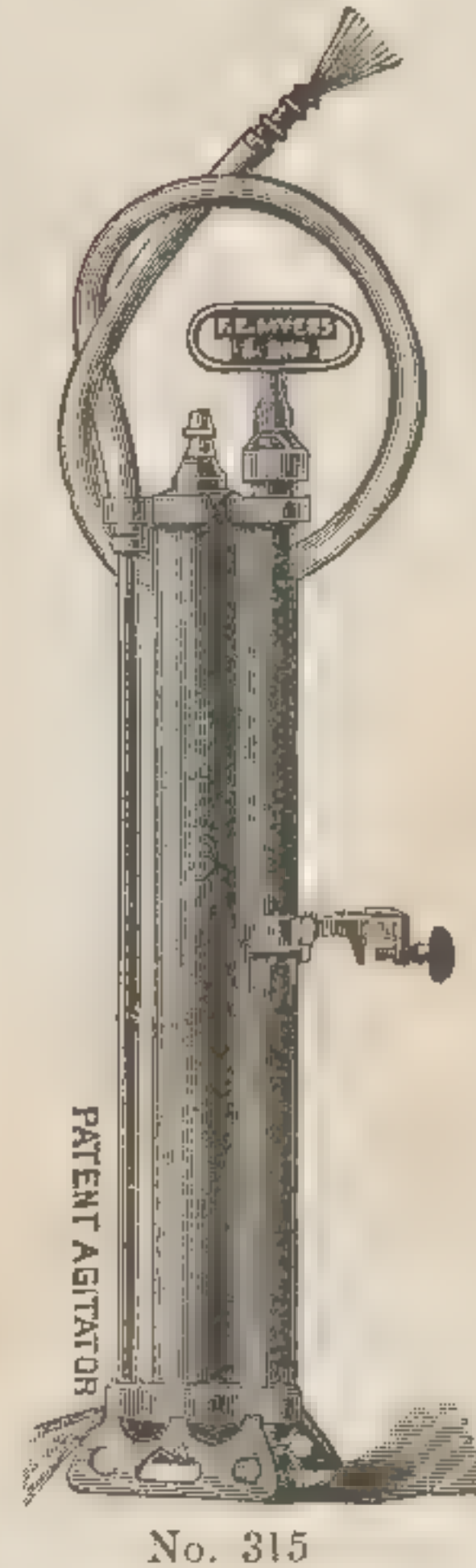
Spray Pumps.



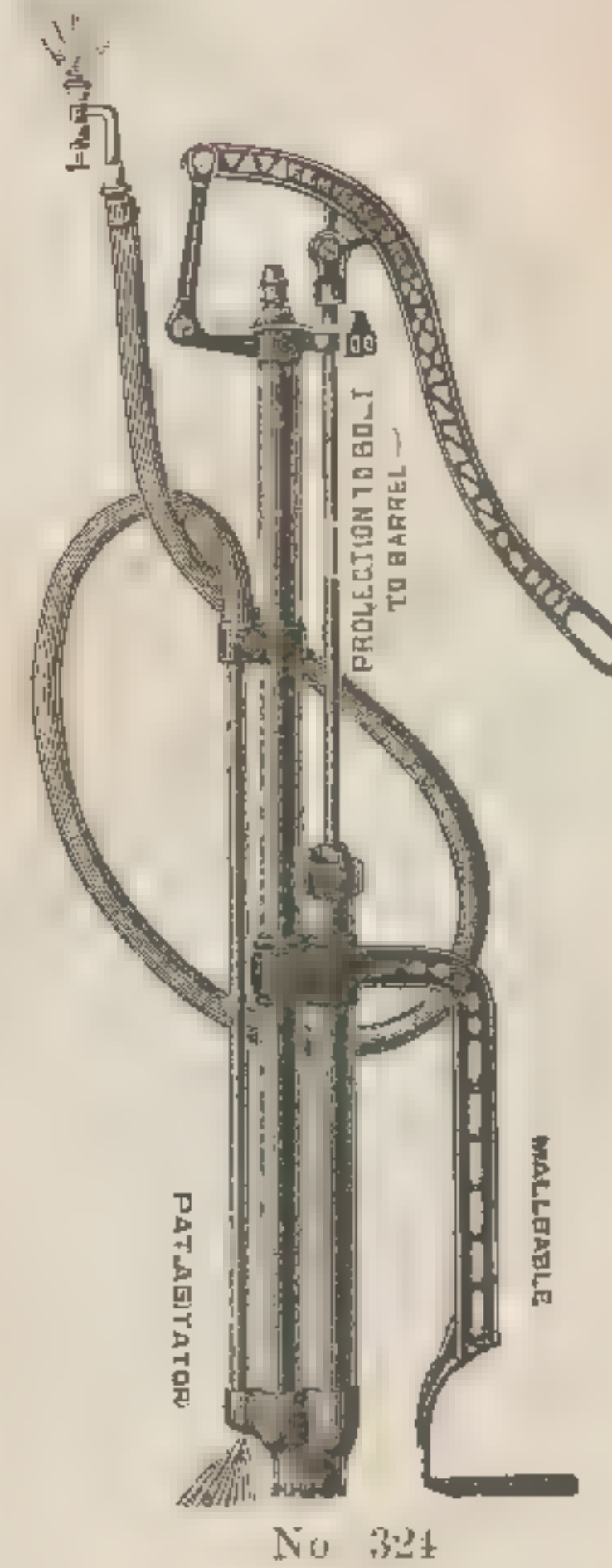
No. 325



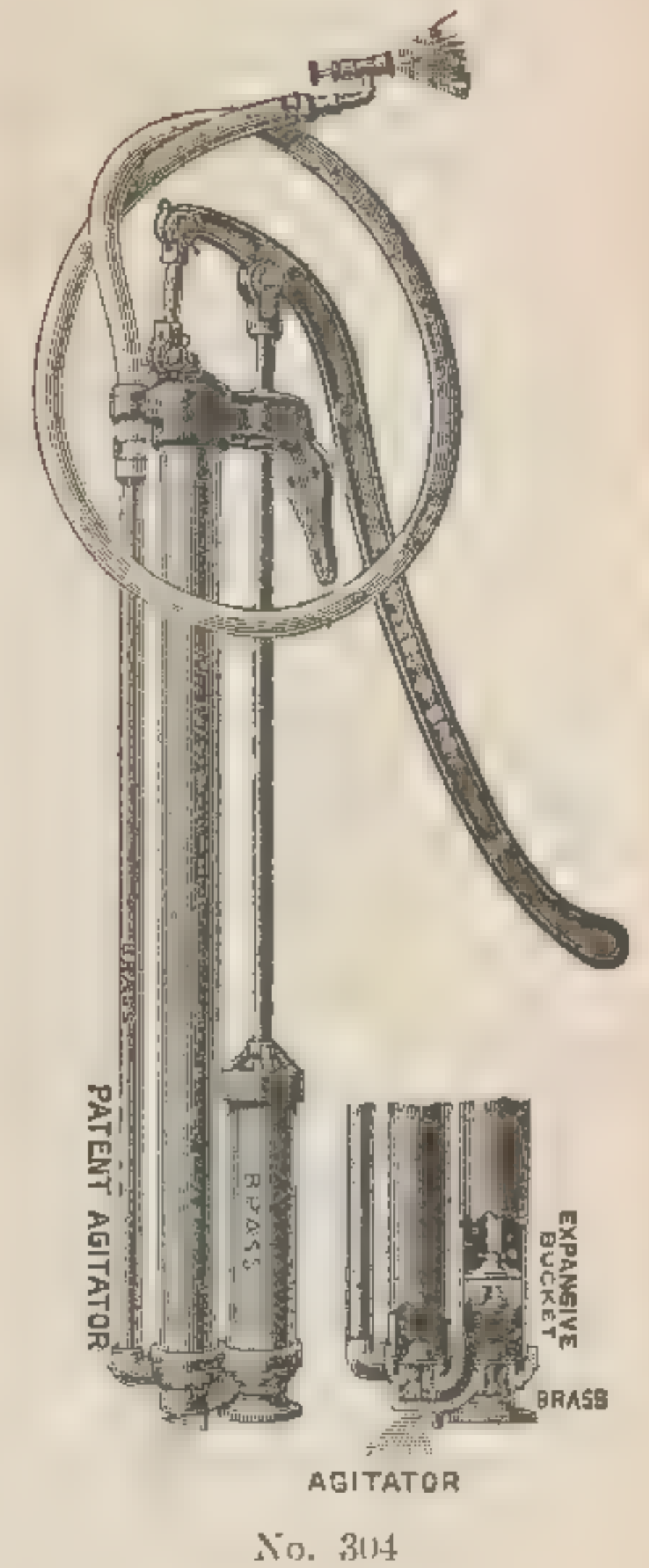
No. 327½



No. 315



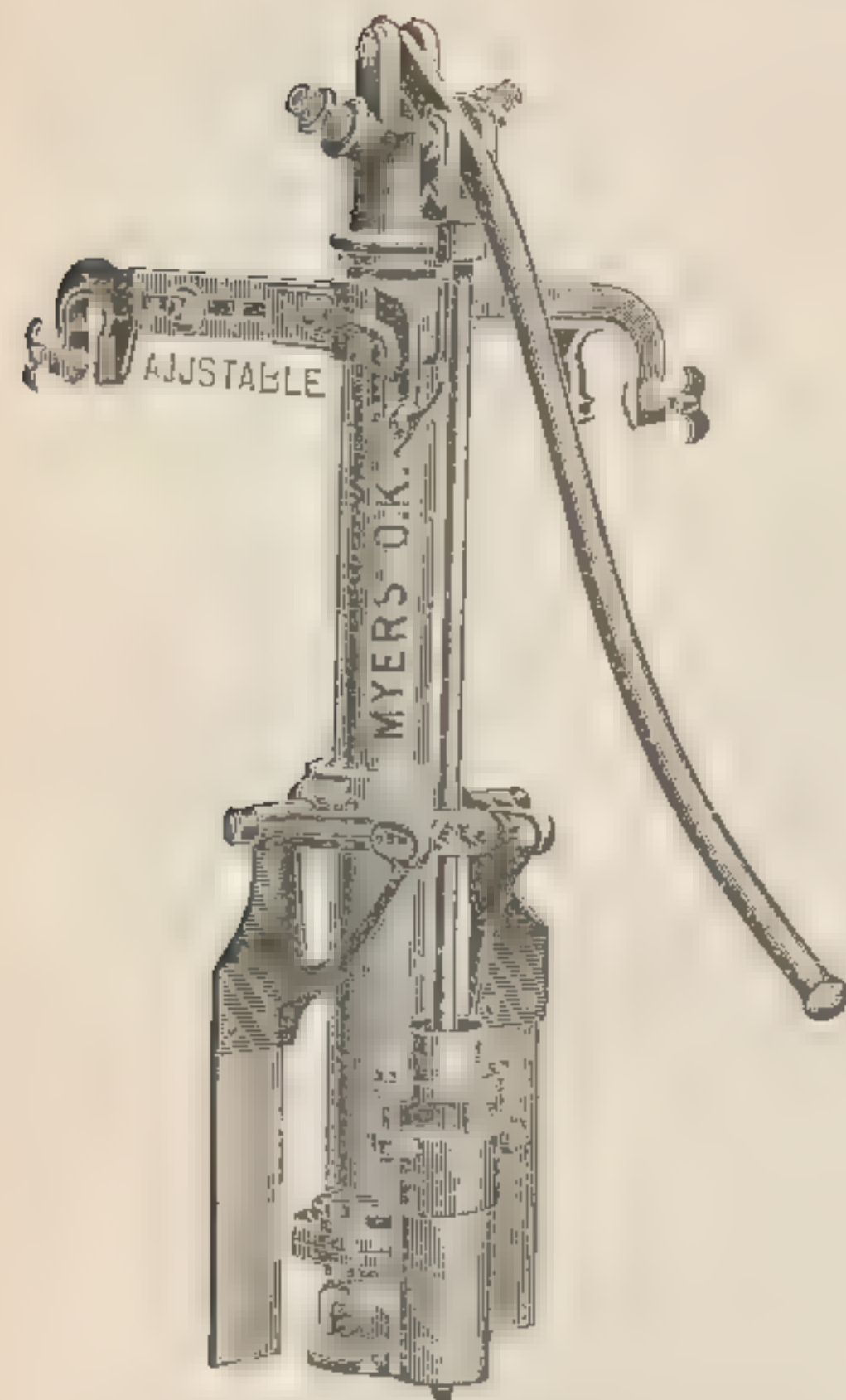
No. 324



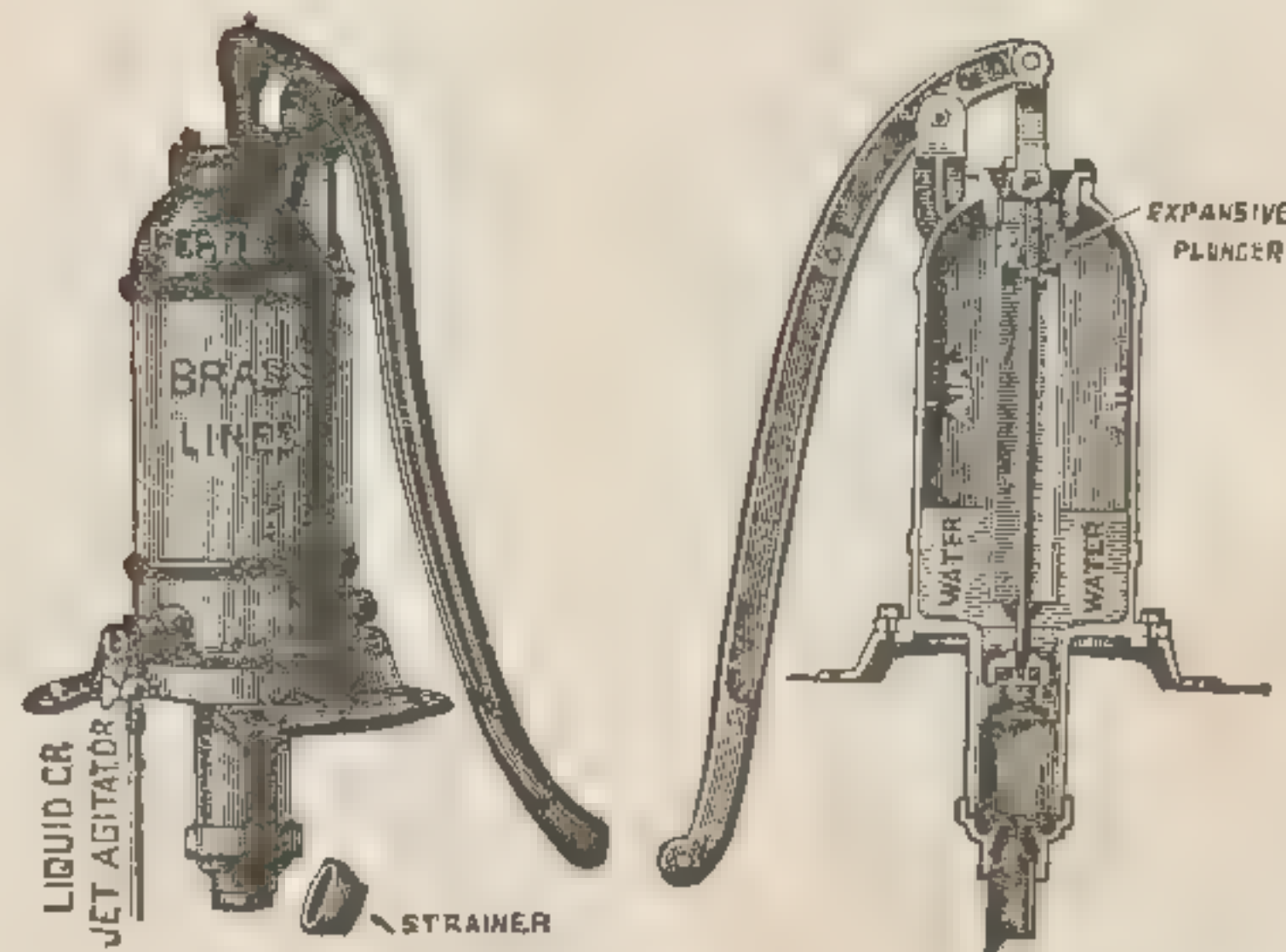
No. 304

- | | | |
|----------|--|---|
| No. 325 | MYERS' IMPERIAL BRASS SPRAY PUMP, with Patent Agitator, complete with Hose and Graduating Vermorel Nozzle and Malleable Footrest | |
| No. 327½ | MYERS' LITTLE GIANT BRASS SPRAY PUMP | Hose and Imperial Combination Nozzle and Malleable Footrest |
| No. 315 | MYERS' PERFECT BUCKET SPRAY PUMP | as shown, all brass, large Air Chamber |
| No. 324 | MYERS' LEVER BUCKET SPRAY PUMP | Hose and Graduating Vermorel Nozzle and Malleable Footrest |
| | If extra Hose wanted, | ft. Nozzles as list. |
| No. 304 | MYERS' IMPROVED BRASS BARREL SPRAY PUMP | All working parts submerged. |
| | Hose, ft. (state length), suitable for 2 deliveries ; Nozzles extra as per list. | Extension Rods for any of the above pumps. |

Spray Pumps *Contd.*

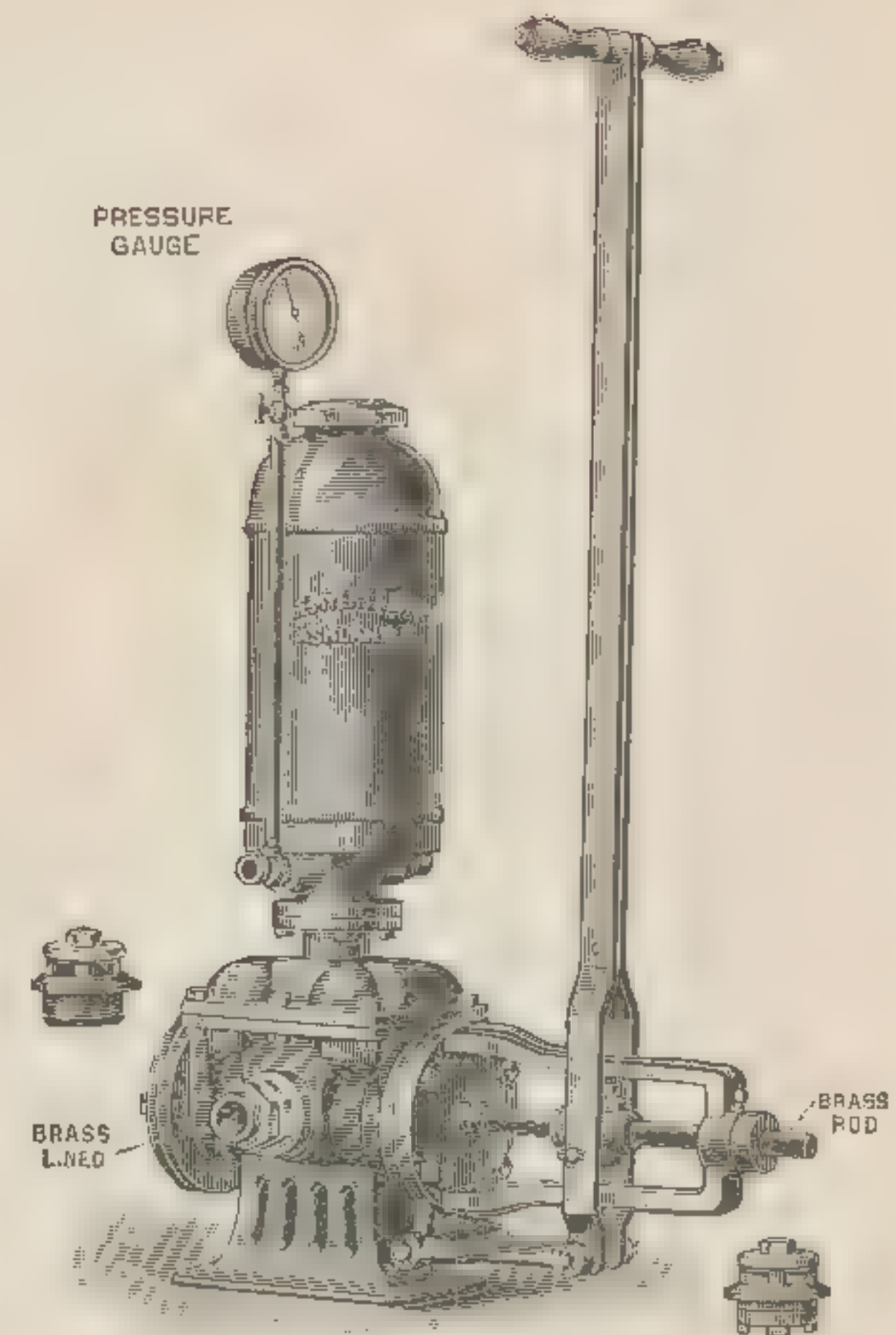


No. 307.



No. 310.

Section of 310.



No. R438.

No. 307 - O.K. Spray Pump Will fit any barrel, has adjustable clamp, solid brass plunger, hemp packed, suitable for hot or cold mixtures. For one or two delivery hoses. Fitted to barrel, extra; hose (state length); Nozzles, as list.

No. 310 "Perfect" D.A. Pump All working parts brass, large Air chamber. Suitable for one or two discharge hoses. Fitted to barrel extra. Hose, (state length). Nozzles as list.

No. R438 Century Spray Pump Most powerful made. Takes up to 4 deliveries. All brass valves and cylinder, large air chamber. Suction hose; delivery hose; (state length of each). Fitted to barrel, extra. Nozzles as list. We recommend iron extension rods for use at nozzle-ends.

ALL THESE PUMPS FITTED WITH AGITATORS.



Fig. 790.

MYERS' FAULTLESS AUTOMIZER. Sprays as fine as mist.



Fig. 550—Cyclone.

STRAIGHT-SIDE DELIVERY
CYCLONE NOZZLE.

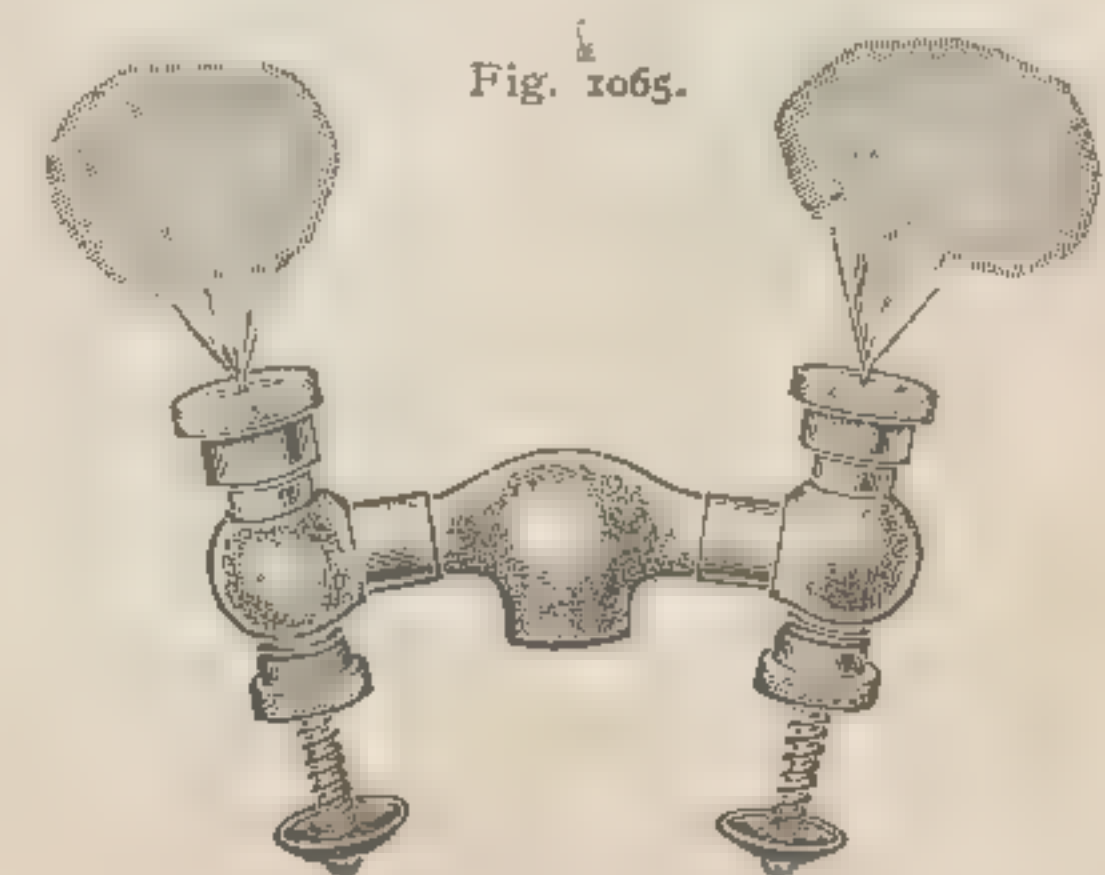
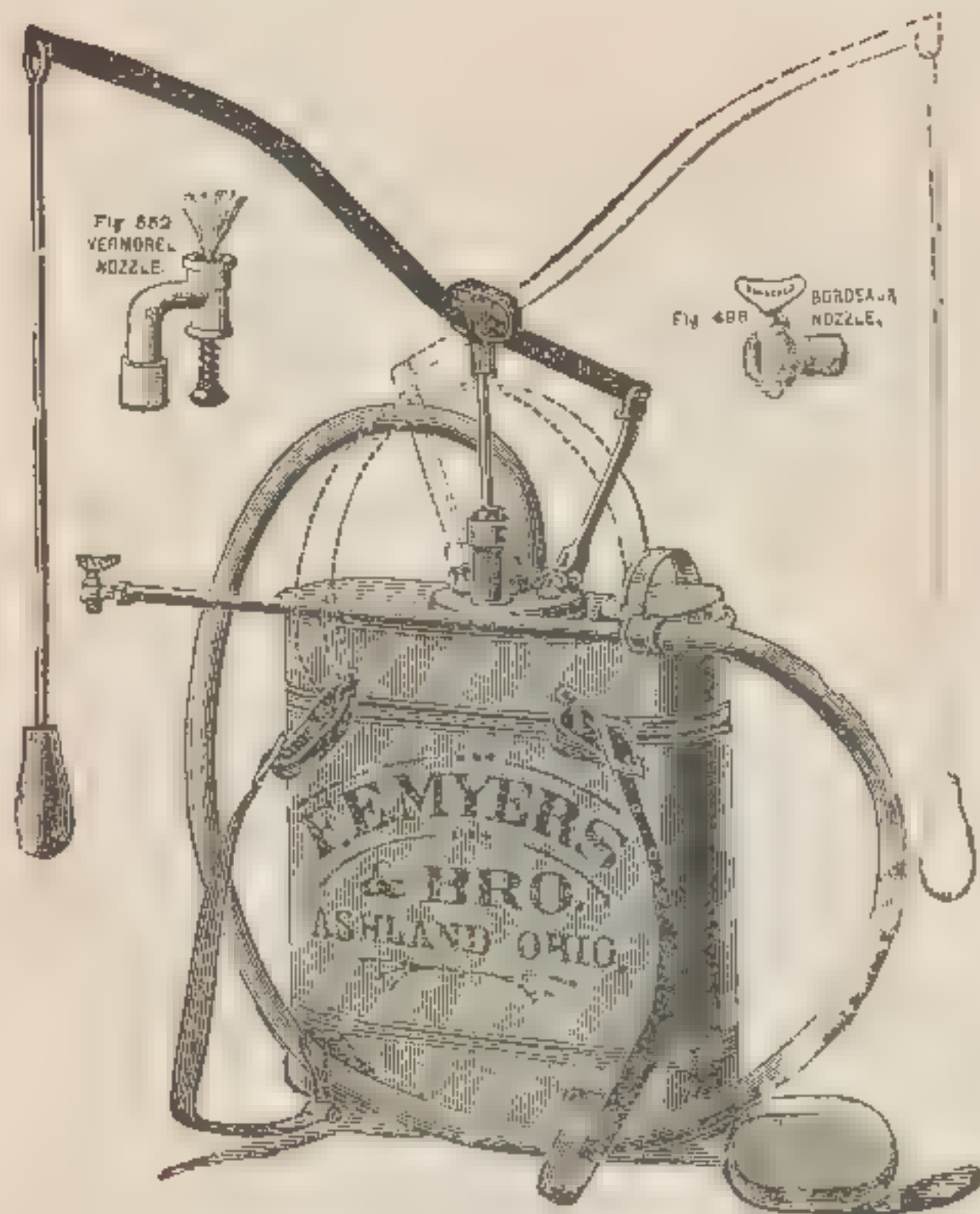


Fig. 1065.

Fig. 1065—Double Vermorel Nozzle.

Spray Pumps *Contd.* and Garden Seats.



No. 331.
MYERS' PERFECT KNAPSACK SPRAY
PUMP, all copper, with brass ball valves, hose,
stop cock, extension rod and Bordeaux or Ver-
morel nozzle.
(State which). Holds about 3 gallons.

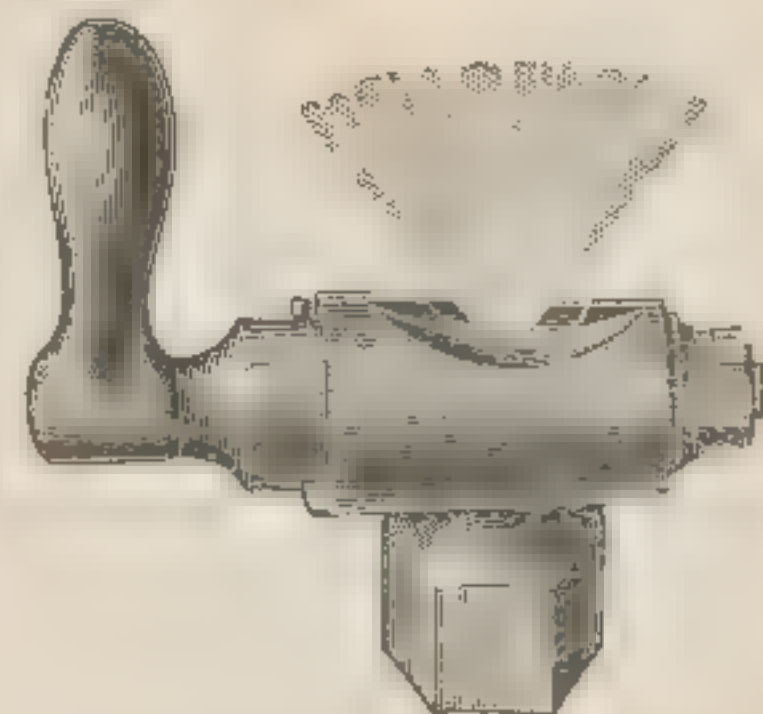


Fig. 1019 -BORDEAUX

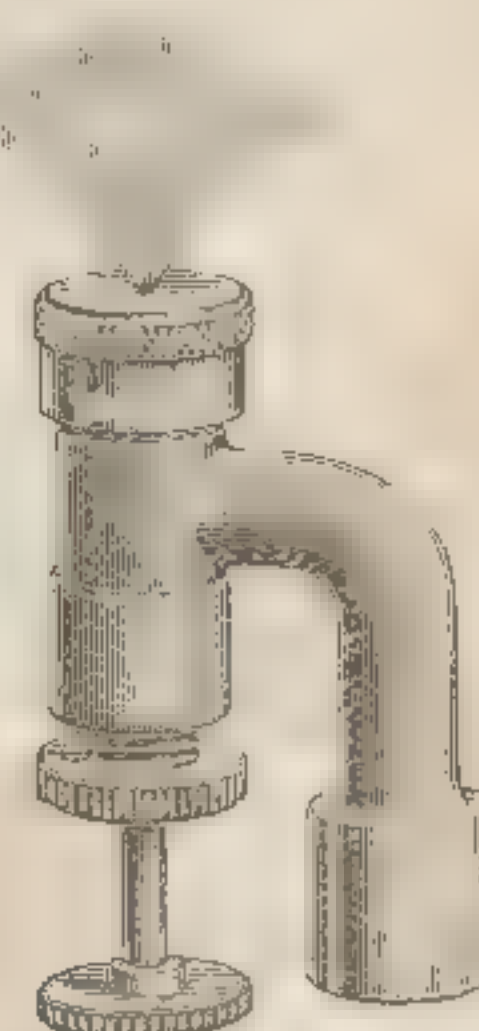


Fig. 763 GRADUATING
VERMOREL NOZZLE.

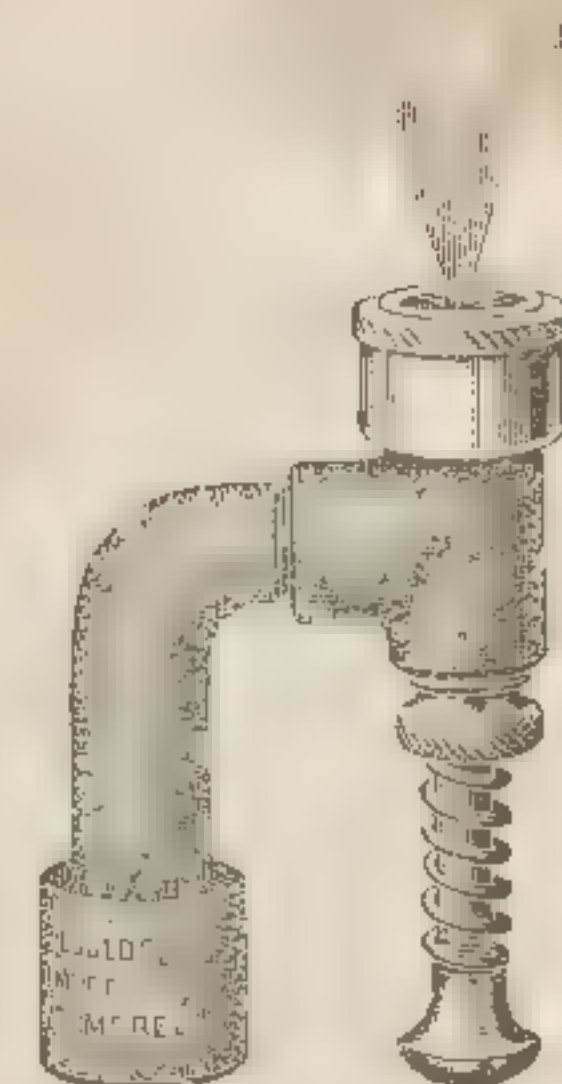
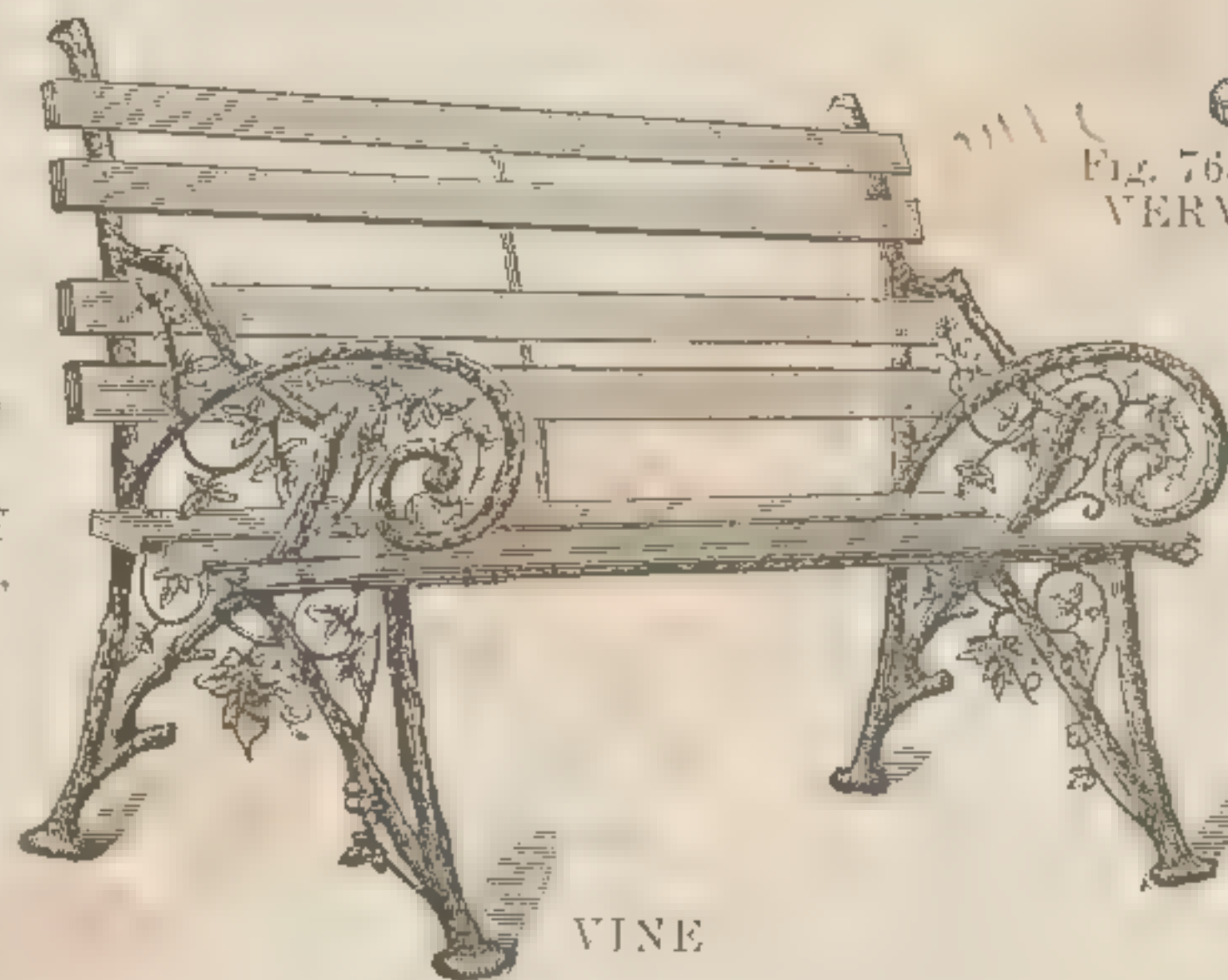
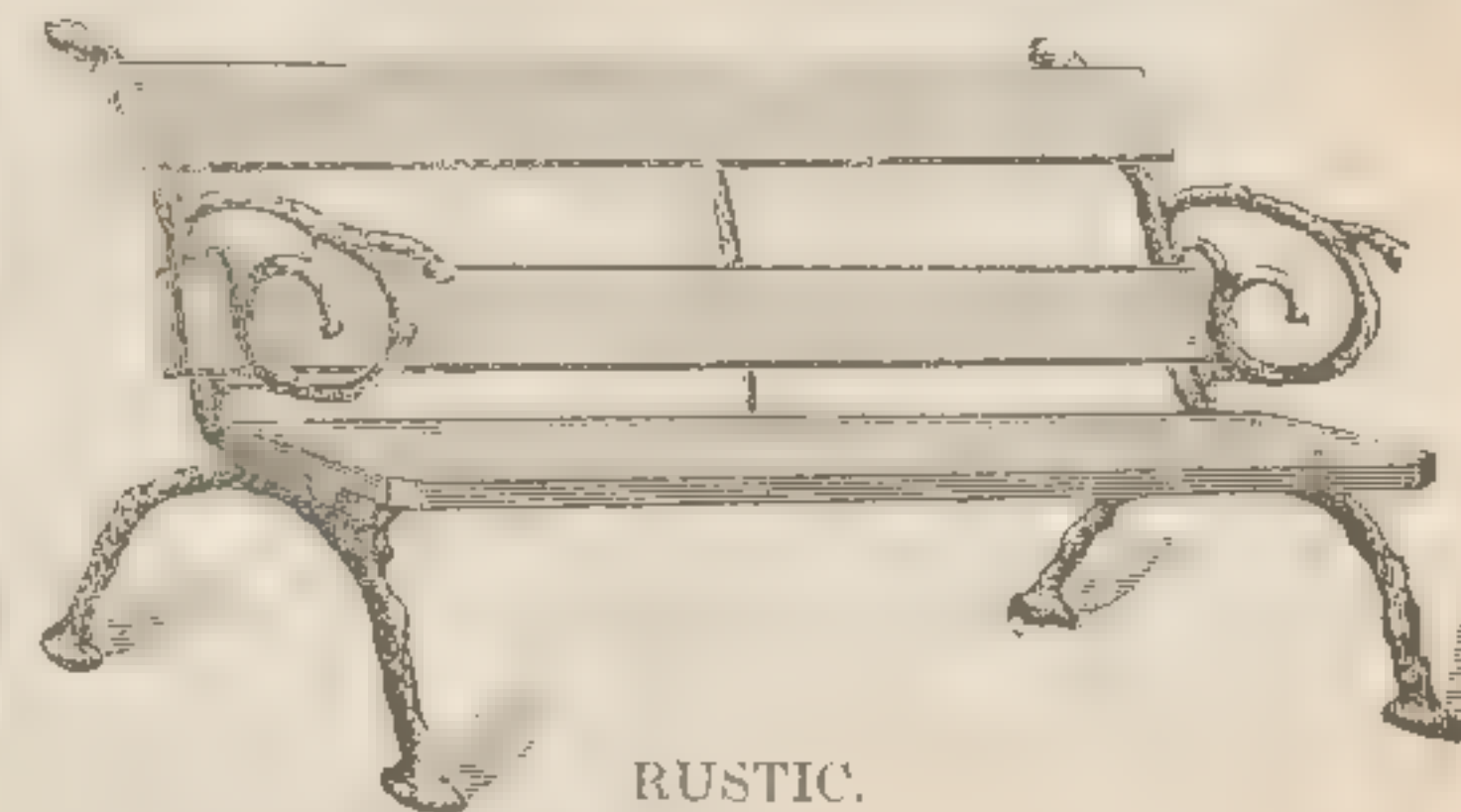


Fig. 552 REGULAR
VERMOREL NOZZLE.

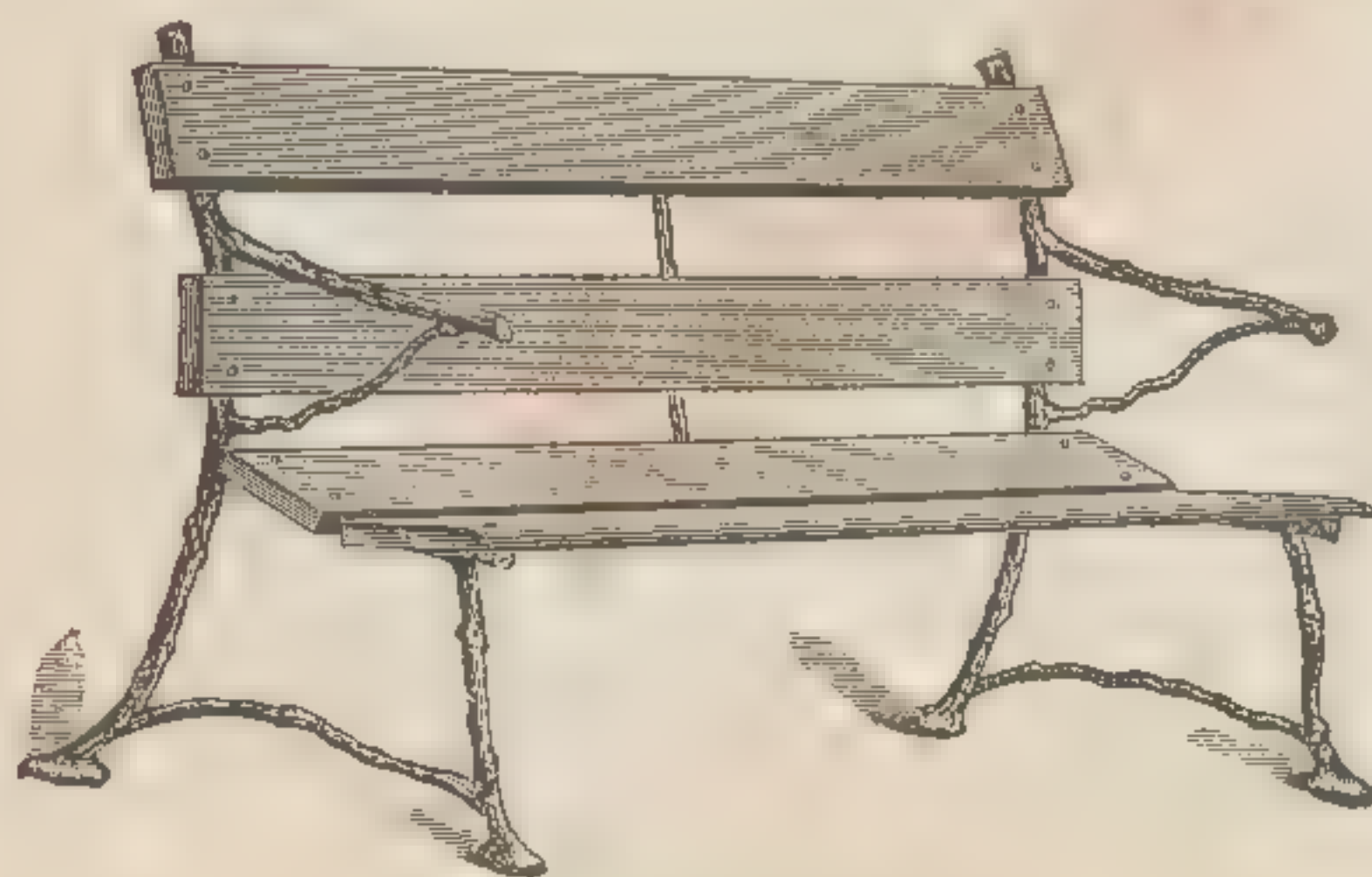


VINE



RUSTIC.

With Arms, 5ft. ...
Without Arms, 5ft. 6in.



GARDEN PARTY.

Garden Seats.

Cast-Iron Legs, Strong
Kauri Pine Timber,
Legs Painted, and
Battens Varnished in
... best style. ...

Several Designs to
Select From.



PARISIAN, 6ft.

CHINA, GLASS, and EARTHENWARE.

Dinner-ware.

CHINA, GLASS AND EARTHENWARE DEPARTMENT.

It is impossible in a General Catalogue to fully illustrate all the designs and quantities of Glass and Chinaware, but a visit to our Show Room will prove that the Stock is carefully chosen from the best English and Continental Manufacturers, and includes all the best-selling lines, as well as the latest patterns and novelties available.

LAMPWARE Special attention has been paid to this Branch, of which the Department has on show the latest designs in Library, Hall, Suspension, Table and Bedroom Lamps, the requisite spare parts of which are always kept in stock.

Contents of DINNER SERVICE. comprising 50 PIECES.

- 12 Dinner Plates
- 12 Pudding Plates
- 12 Cheese Plates
- 5 Meat Dishes
- 2 Vegetable Dishes
- 1 Sauce Tureen
- 1 Gravy Boat

66 PIECES.

- 12 Dinner Plates
- 12 Pudding Plates
- 12 Soup Plates
- 12 Cheese Plates
- 5 Meat Dishes
- 2 Vegetable Dishes
- 1 Soup Tureen
- 1 Sauce Tureen
- 1 Gravy Boat

100 PIECES.

- 24 Dinner Plates
- 24 Pudding Plates
- 12 Soup Plates
- 12 Cheese Plates
- 6 Meat Dishes
- 4 Vegetable Dishes
- 1 Soup Tureen
- 2 Sauce Tureens
- 2 Gravy Boats



KA1.

WHITE ECLIPSE GRANITE-WARE.

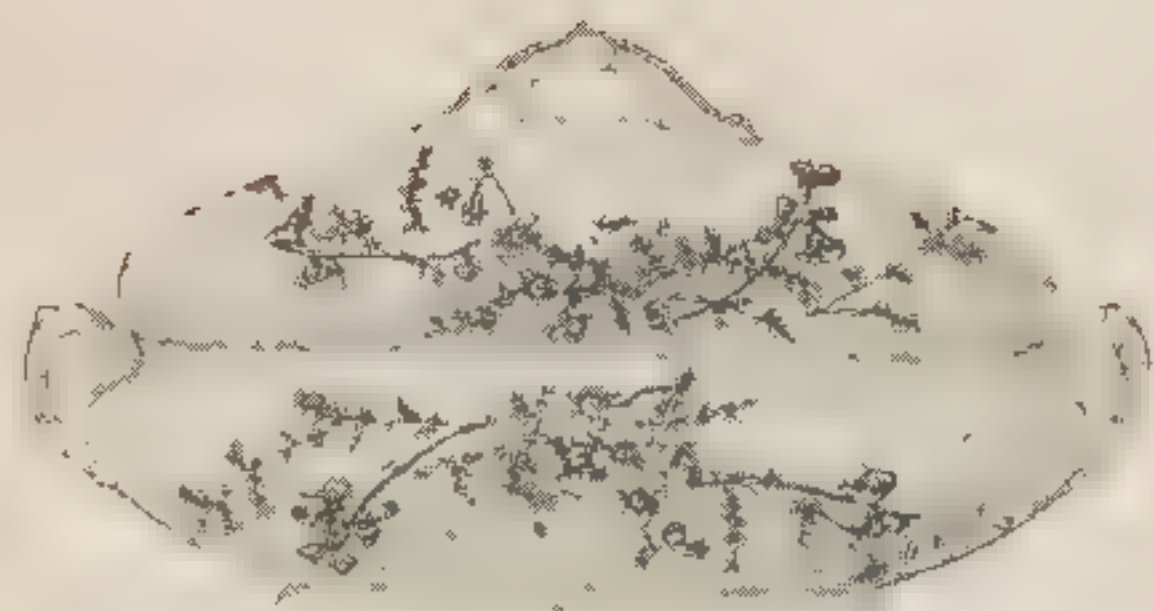
KA2.

THIN WHITE SEMI-PORCELAIN.

Any Quantity can be supplied in separate parts of all Dinner Ware, illustrated.

Dinner-ware—Continued.

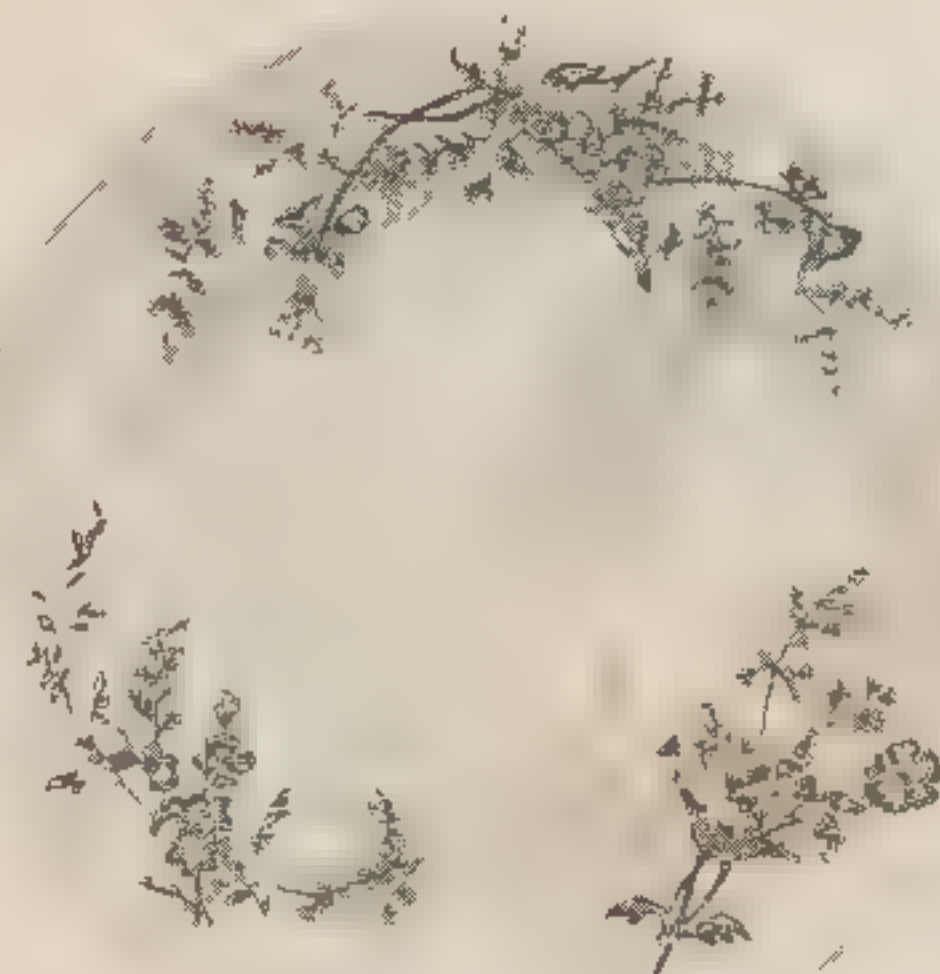
ALL STOCK PATTERNS.



The illustrations on this page exhibit three of our best selling stock patterns, for which ~~separate~~ parts are always obtainable.

For the LITCHFIELD and FEDERAL patterns, Cups and Saucers, Bowls and Jugs can also be obtained, so that the full range of dinner and tea ware can be supplied.

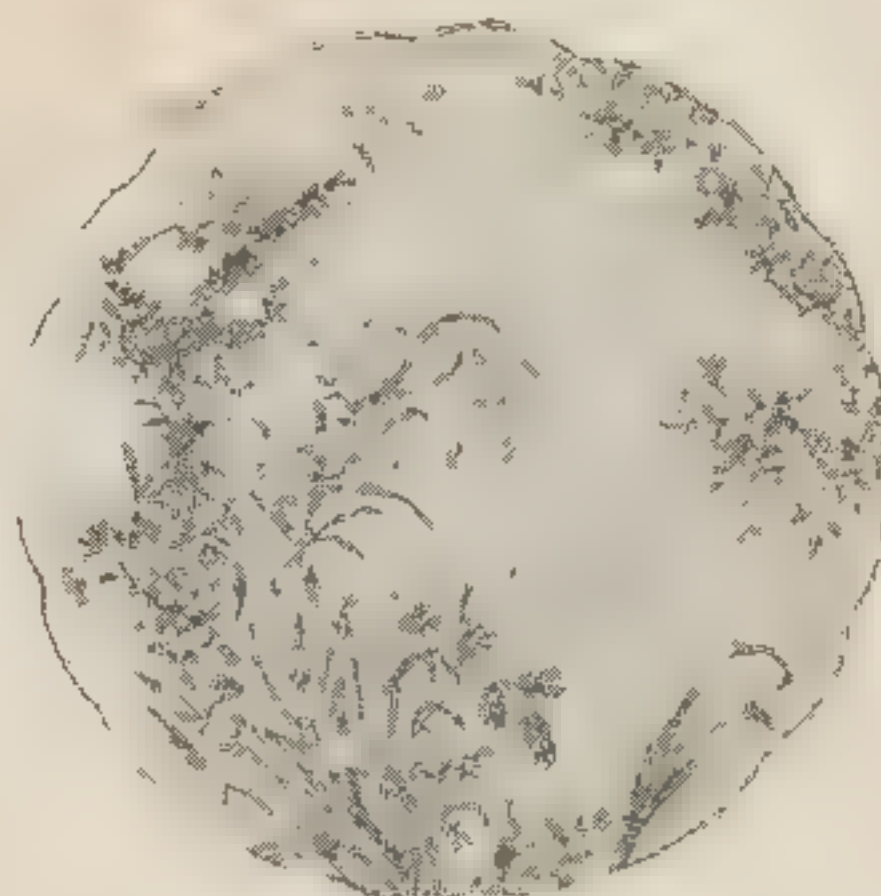
The THISTLE pattern has been specially selected by us as a better class of dinner-ware and can be highly recommended.



KA3.

THE LITCHFIELD.

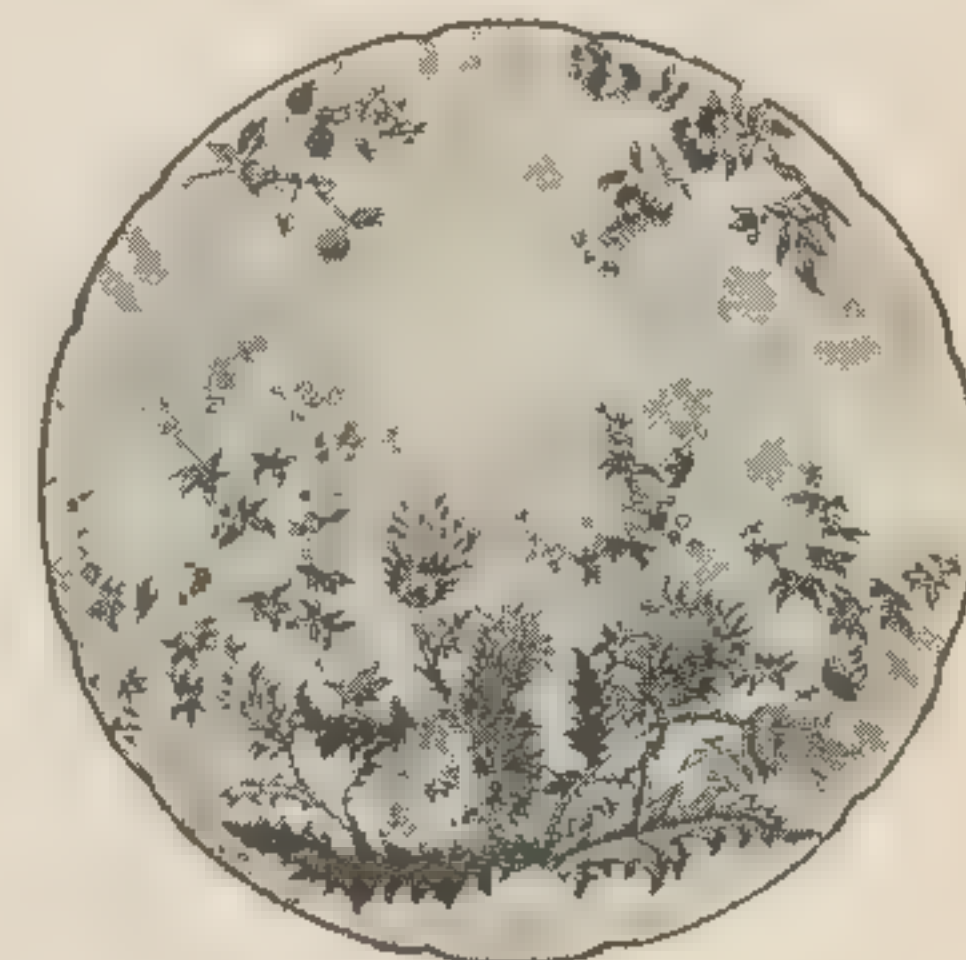
Printed in Brown.



KA4.

THE FEDERAL.

Printed in Topaz Blue.



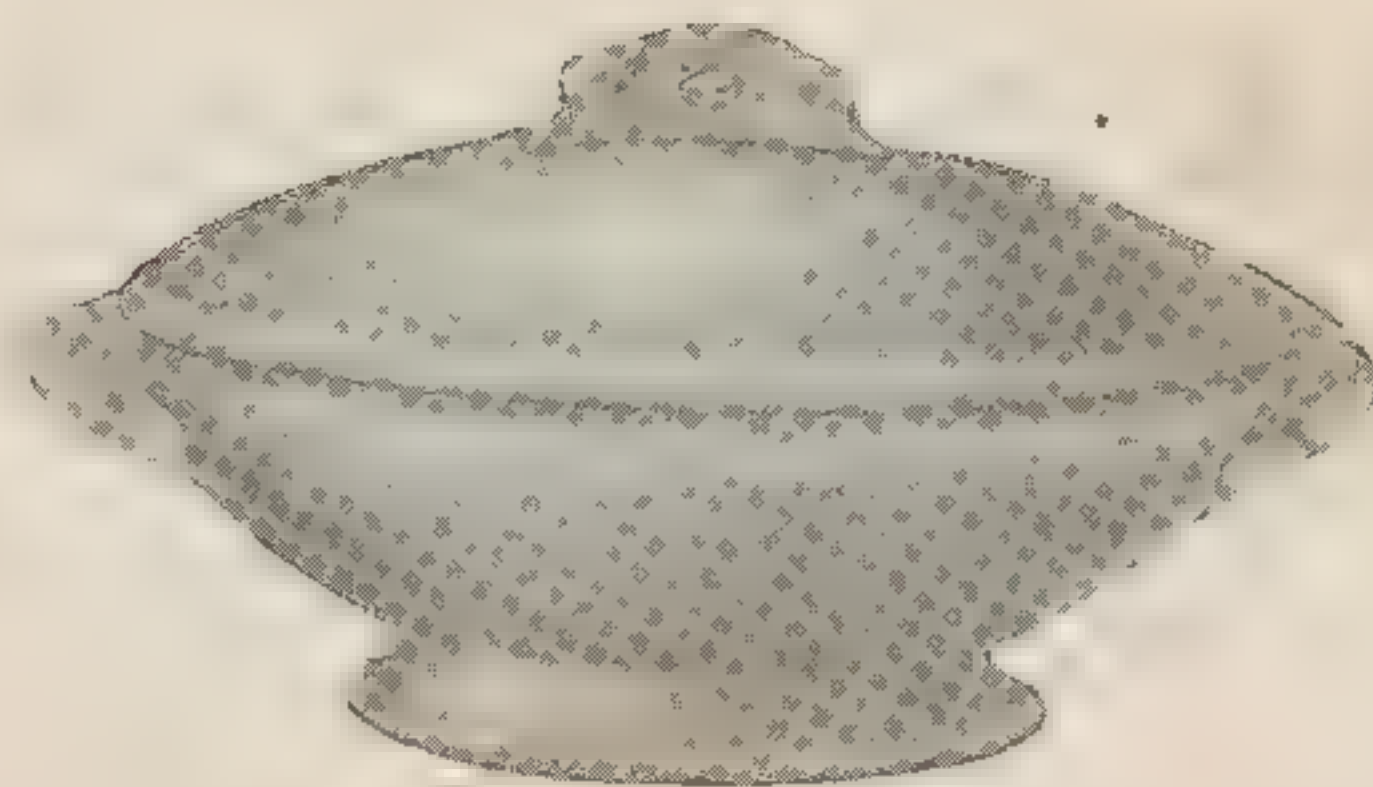
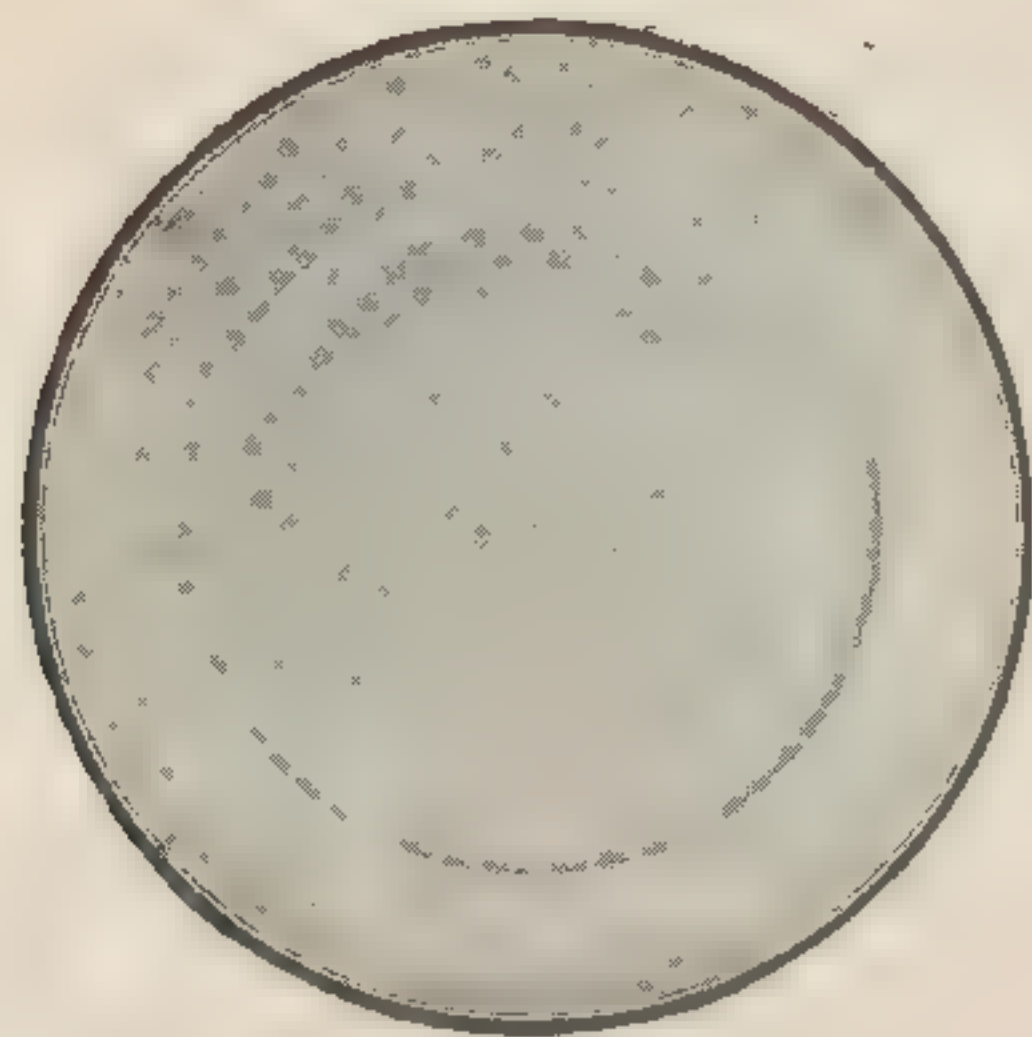
K4.

THE THISTLE.

Enamelled in Natural Colors.

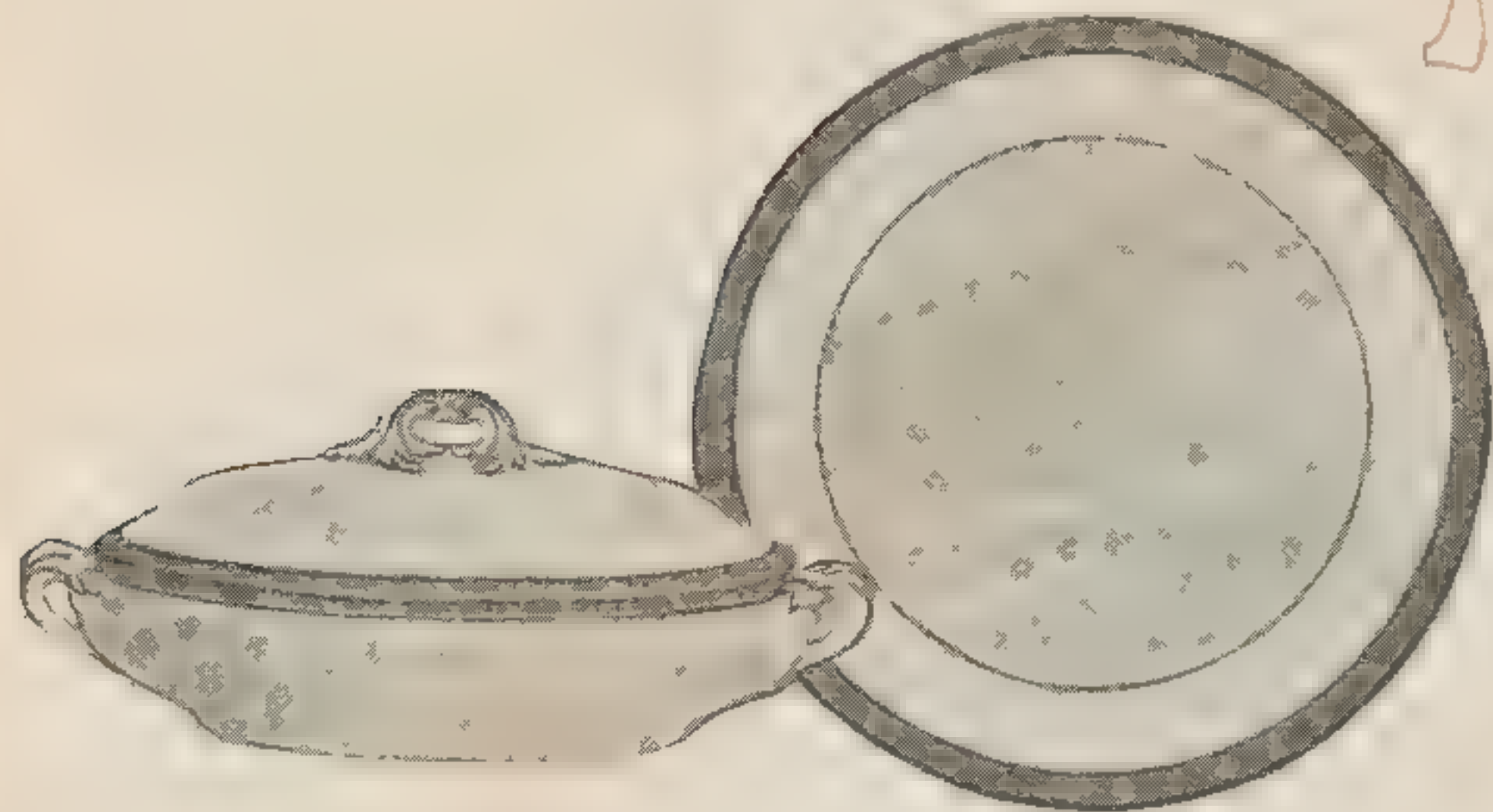
Finished with Gold Edges.

Dinner-ware -Continued.



KA5.
WHITE AND GOLD.
On Best Sem. Porcelain Body.

New and choice pattern Dinner-sets in 26, 50, 66 and 100 pieces are constantly being added to our stock.



KA6.
THE MAZARINE BLUE.
Broad Navy Blue Band, finished with Gold Edge.



KA7.
THE MAZARINE BLUE.
Band, with Brown Lace Border and Gold Lines at Edge.

Separate Parts are always obtainable.

Tea-ware.



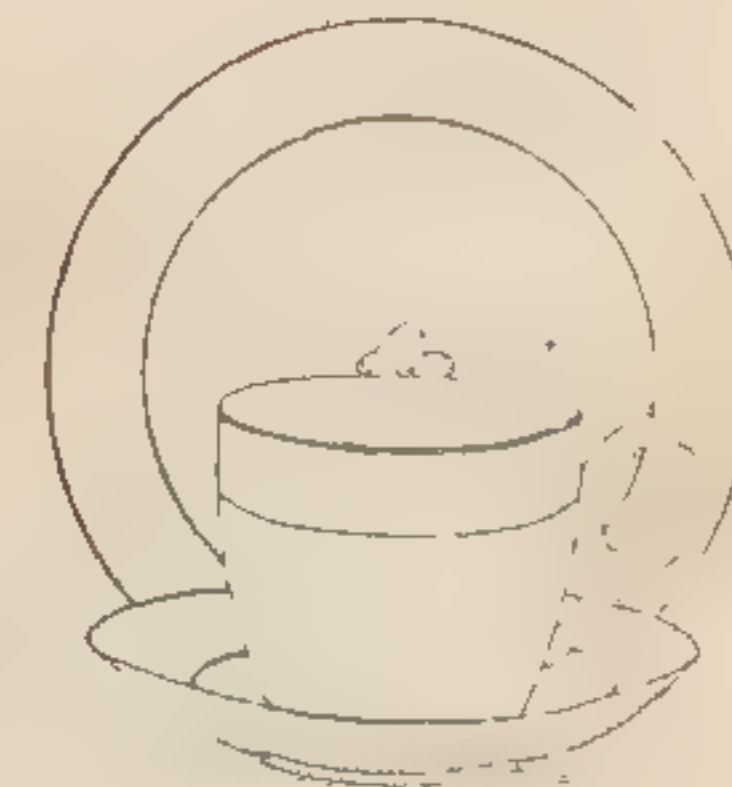
KAS.
MAZARINE BLUE BAND.
With Gold Line.



K12.
FLUTED CHINA, GOLD EDGE.
All Pieces stocked.



K17.
PINK OR CELESTE
AND GOLD CHINA.
Minton Shape.
with 3 Gold Lines

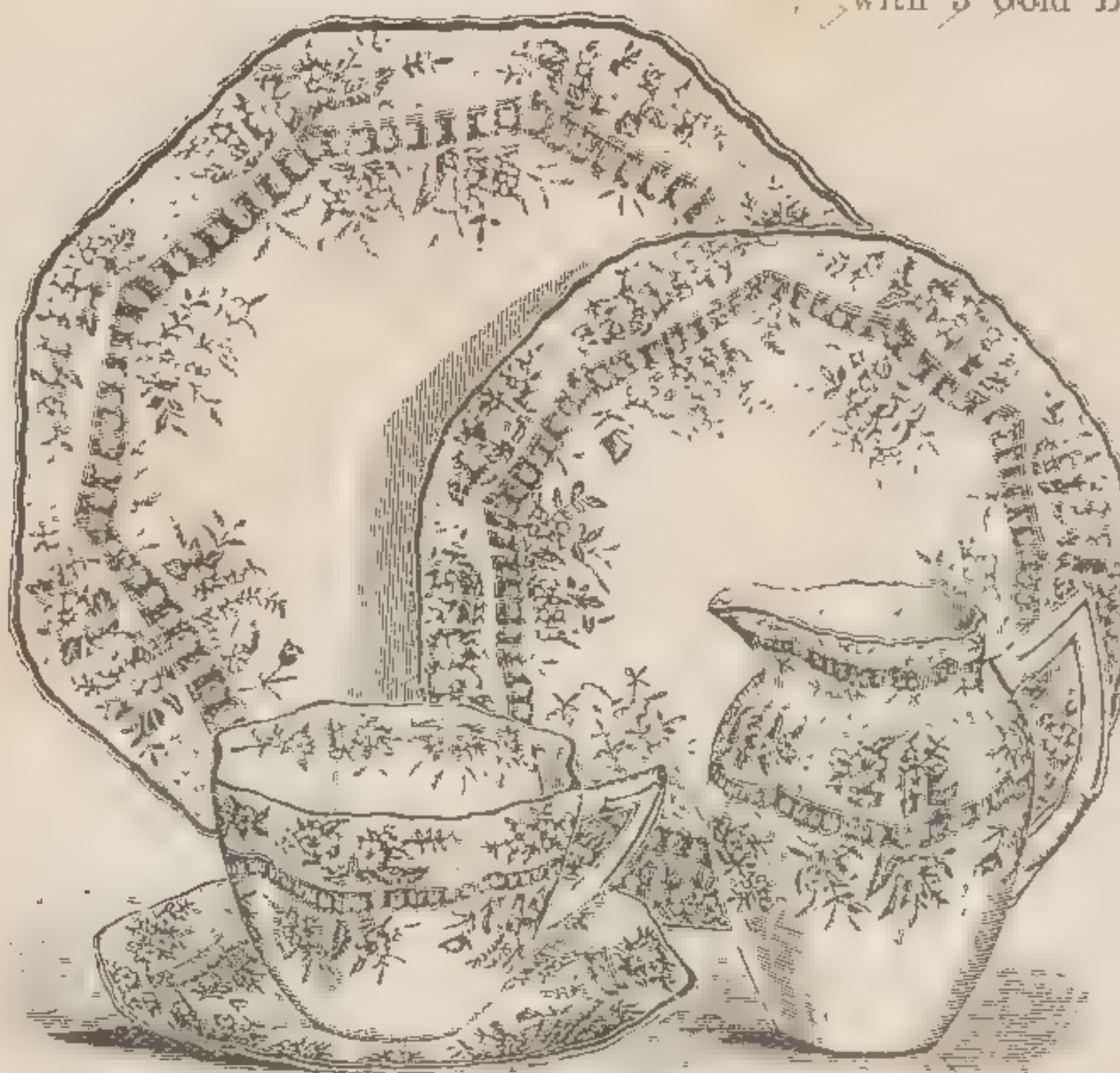


K16.
WHITE AND GOLD CHINA.
Paris Shape.

BREAKFAST SET.

60-PIECE SET.

- 12 Cups and Saucers
- 12 Plates, 7 inch
- 2 B. and B. Plates
- 1 Milk Jug
- 1 Cream Jug
- 1 Slop Bowl
- 1 Sugar Box
- 1 Butter, with Cover
- 12 Egg Cups
- 2 Steak Dishes.



K11.
MALTESE PATTERN.
SEPIA BROWN ON BEST ENGLISH CHINA.

Separate Parts can be supplied.

TEA SETS.

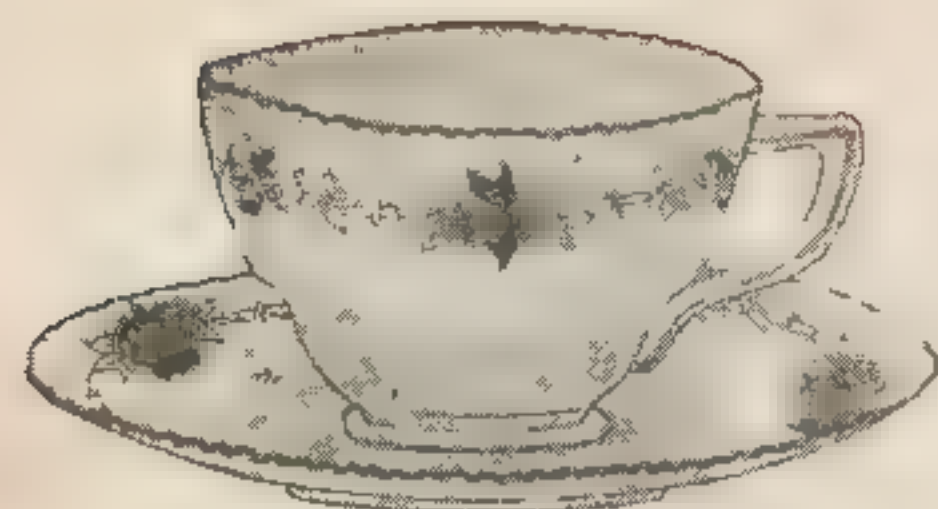
21-PIECE SET.

- 6 Cups and Saucers
- 6 Plates
- 1 Cream Jug
- 1 Slop Bowl
- 1 B. and B. Plate.

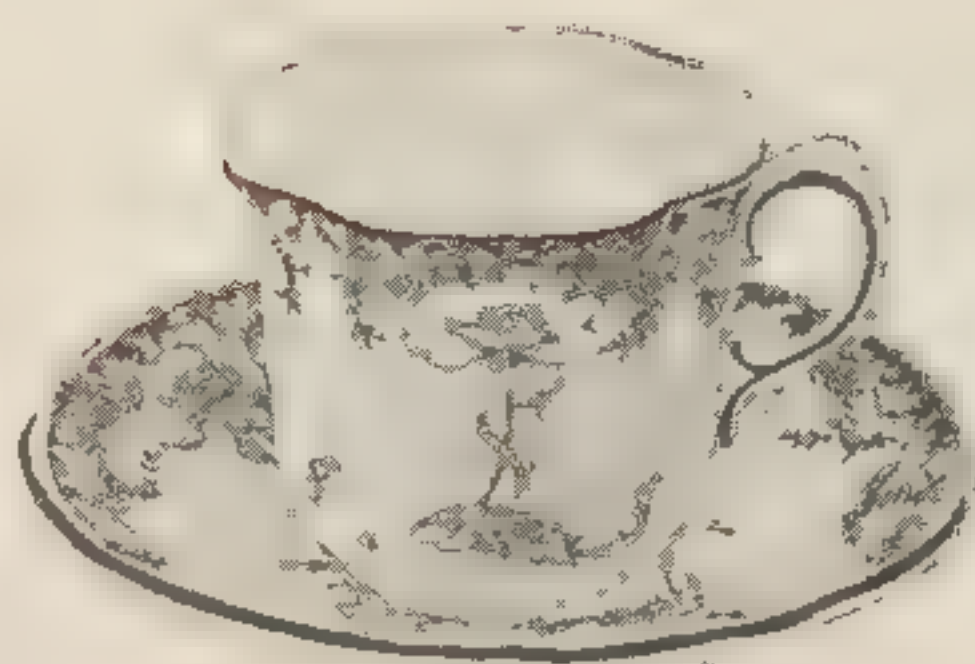
40-PIECE SET.

- 12 Cups and Saucers
- 12 Plates
- 2 B. and B. Plates
- 1 Cream Jug
- 1 Slop Bowl.

Tea-ware- Continued



KA9.
ROSE WREATH CHINA TEAWARE.
(stock pattern).



KA10.



K14.



K25.

FANCY CHINA SETS. In Great Variety



K10.
YE OLDE "BLUE WILLOWE" PATTERN
In Fine English China.



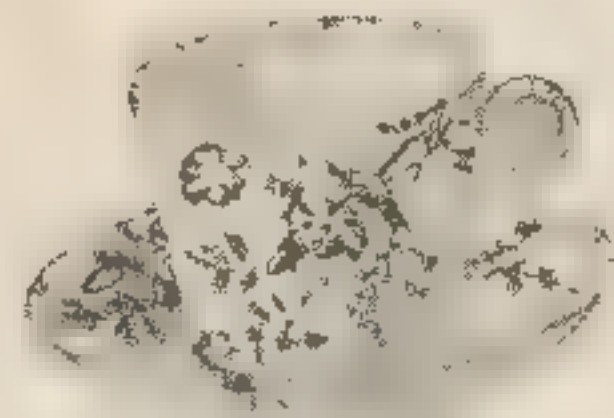
K15.
THE JEWEL.
Pale Blue on best China, with Gold Edges.

Any Quantities can be supplied for KA9, K10, K15.

Cups and Saucers and Teapots.



K23.
EARTHENWARE.
Printed. Assorted patterns.



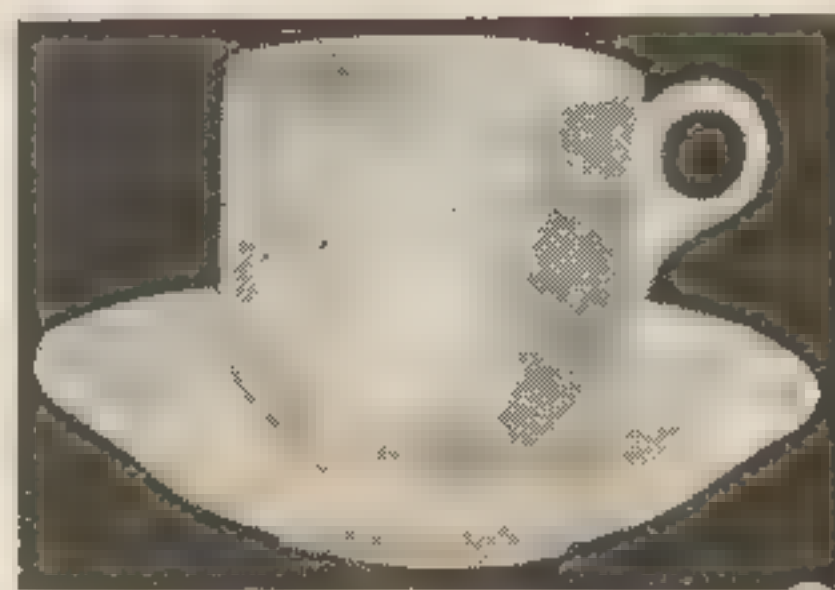
KA12.
LITCHFIELD (Brown)
Printed.
All Pieces stocked.



K20.
FEDERAL (Printed).
Topaz Blue.



K44.
DOULTON TOBY TEAPOT.
 $\frac{1}{2}$, 1, 2 pints.
Jugs, Sugars, and Creams
to match.



KA11.
WHITE GRANITE



KA13.
FANCY DECORATED TEAPOTS.
All Sizes in Great Variety.

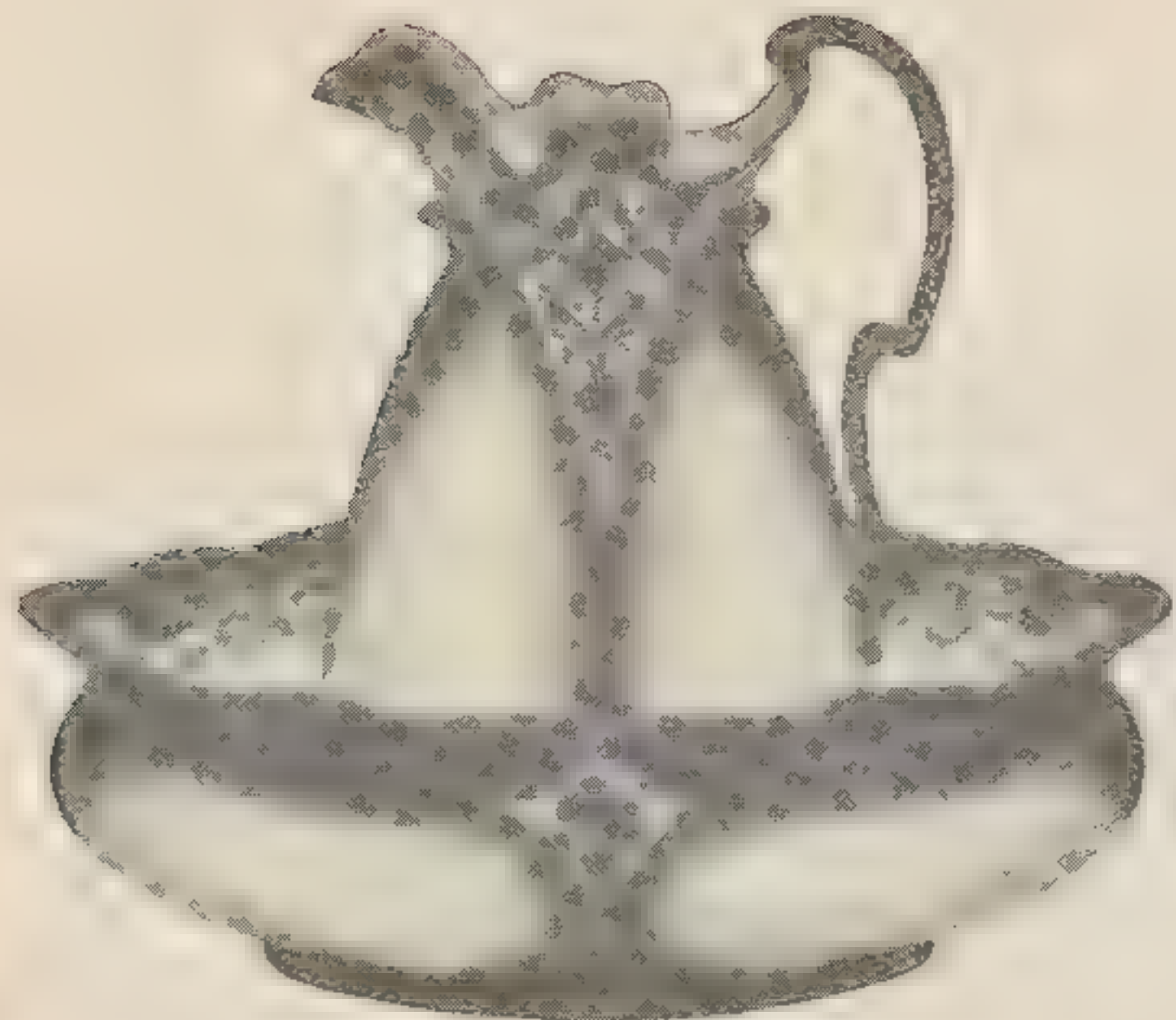


K43.
JET TEAPOT.
Painted and Gilt
Stocked in 4 sizes.
18's. to 36's.
Various shapes.



K42.
BROWN ROCKINGHAM TEAPOT.
Stocked in 7 sizes.
12's 18's 24's 30's 36's 42's 48's.
Contents, $4\frac{1}{2}$ $3\frac{1}{2}$ 3 2 1 $\frac{1}{2}$ Pint.

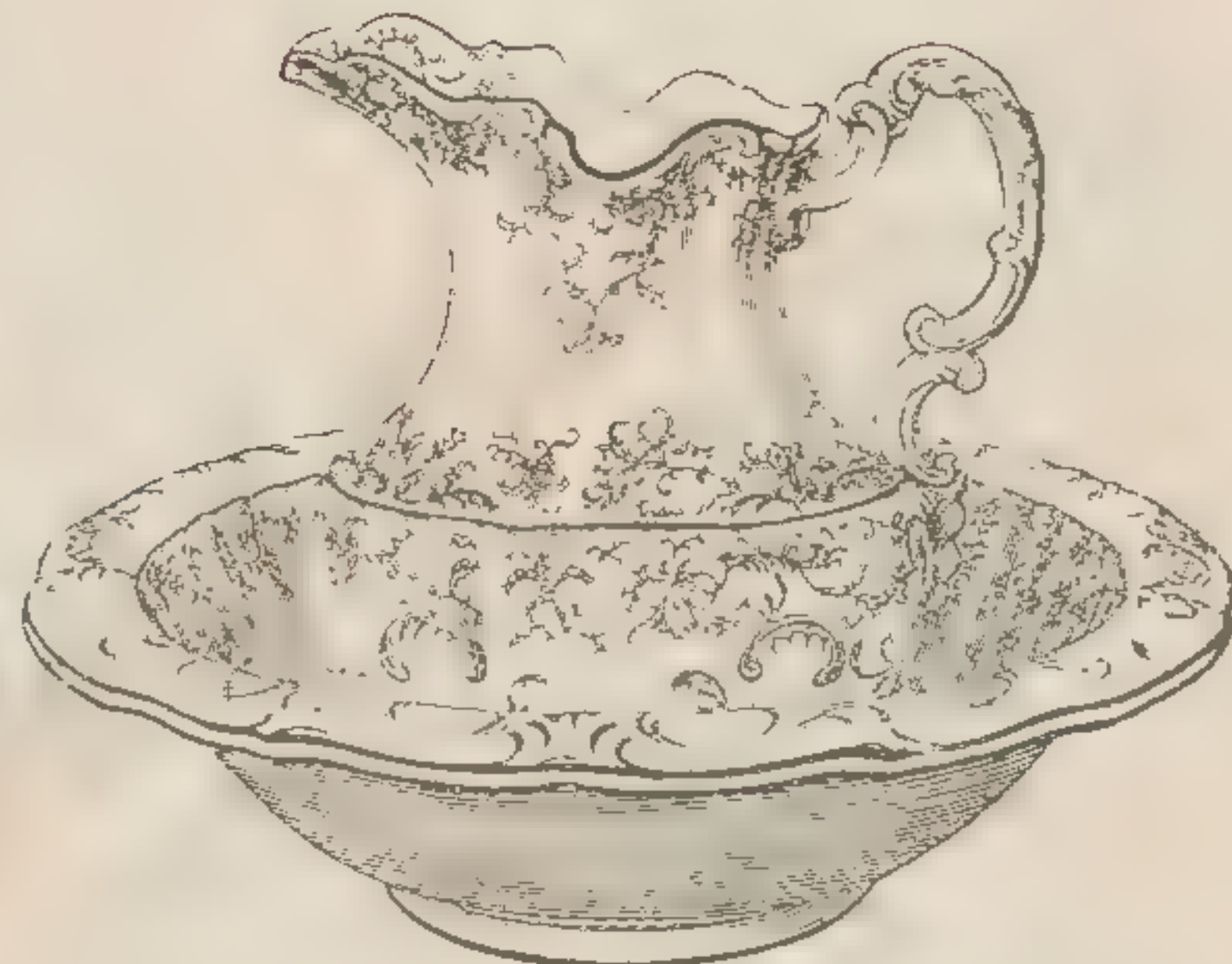
Toilet-ware.



KA14.
OVAL BASIN TOILET SET.
In Different Patterns.



KA15.
LITHO AND GOLD TOILET SET.
Assorted colors.



K47.
PRINTED TOILET SET.
Assorted patterns.



KA16.
PRINTED AND GILT TOILET SET.
Assorted patterns.

6-PIECE TOILET SET.

- 1 Jug and Basin
- 2 Chambers
- 1 Covered Soap Dish
- 1 Tall Brush Tray.

11-PIECE TOILET SET.

- 2 Jugs and Basin
- 2 Chambers
- 2 Covered Soap Dishes
- 2 Tall Brush Trays
- 1 Sponge Bowl.



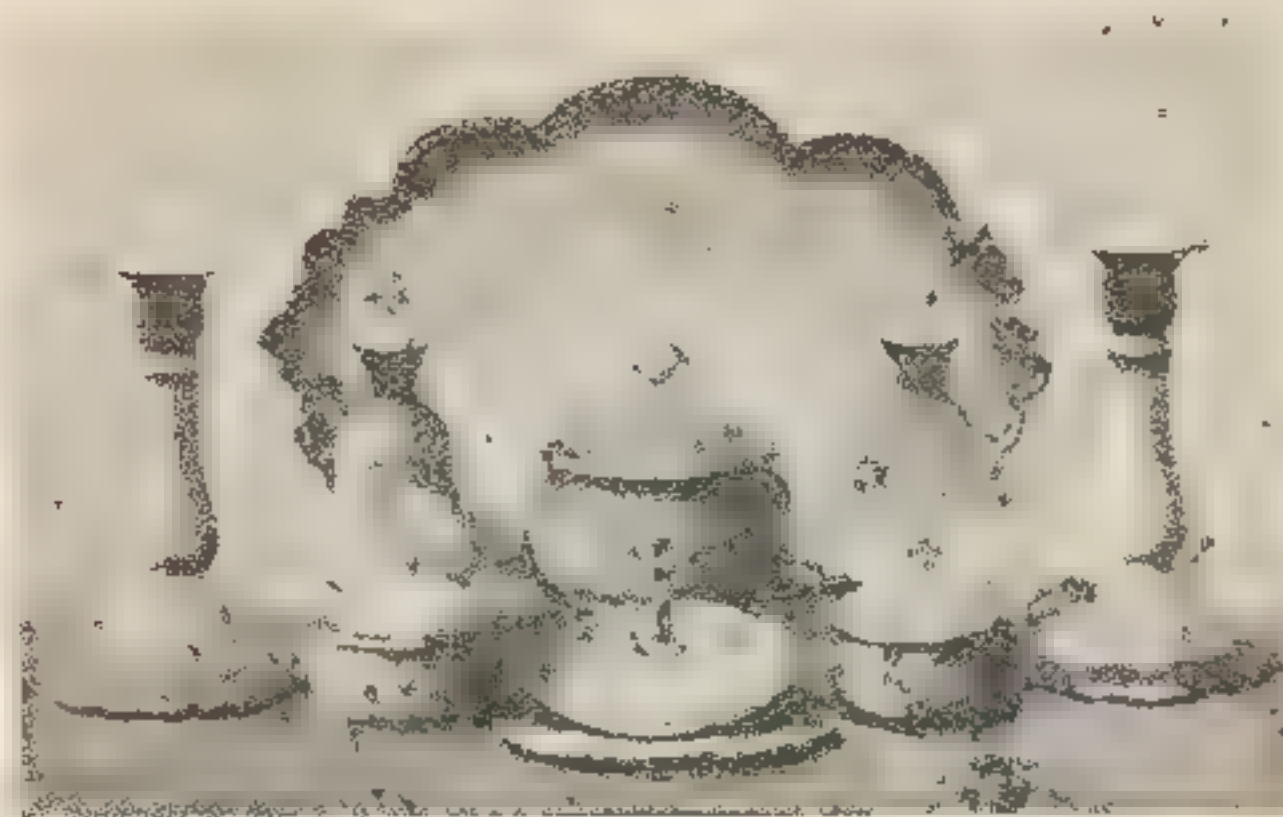
KA17.
WHITE GRANITE TOILET SET.
Wheat Pattern.

A Great Variety of Sets to Select from.

China-ware, Etc.



K30.
DESSERT SETS, 18 PIECES.



K31.
TRINKET SETS IN 7 AND 11 PIECES.



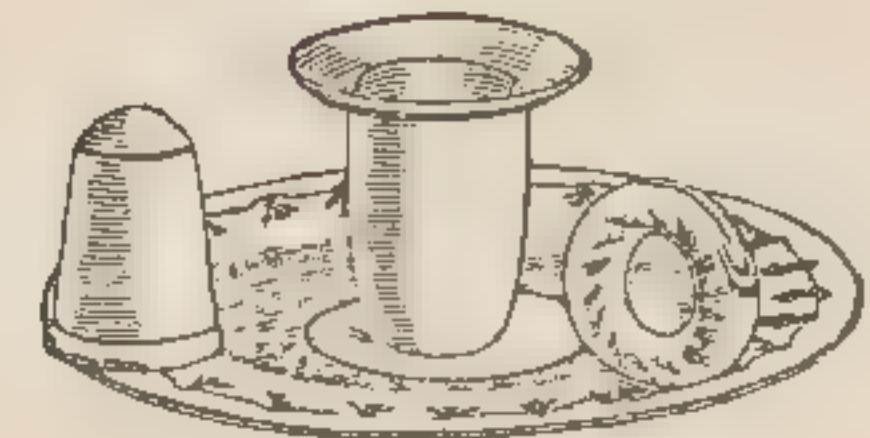
K52.
CHEESE STANDS.
In Three Sizes.



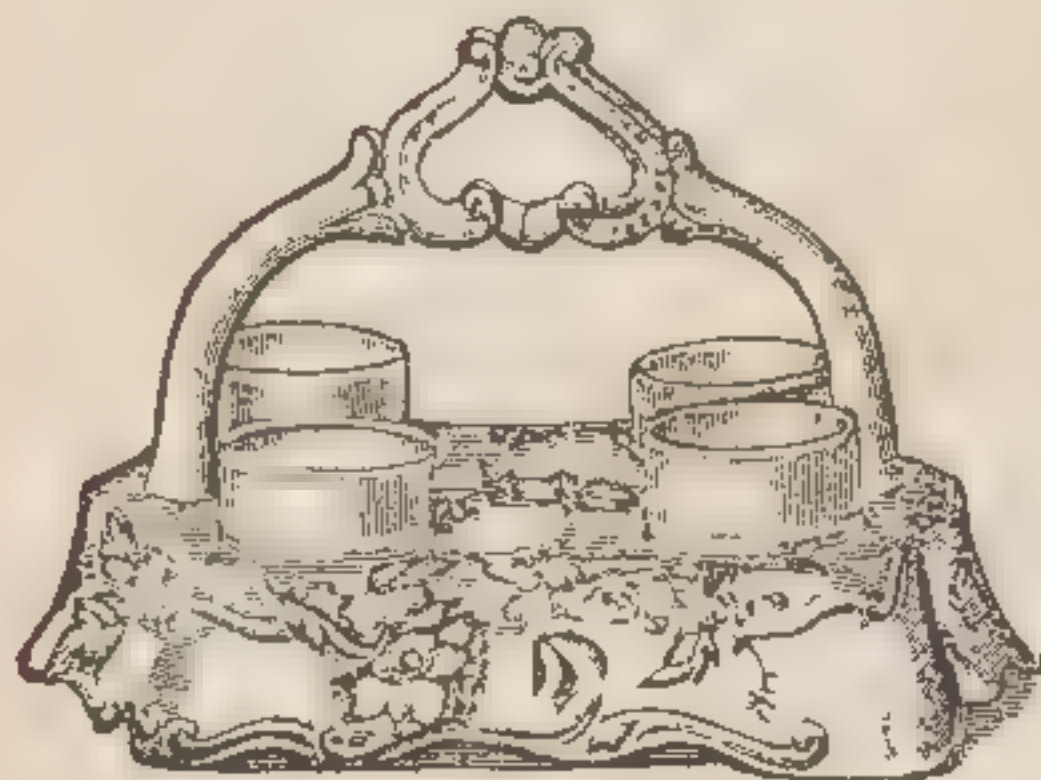
K49.
BREAKFAST CRUET.
Assorted.



K19.
SHAVING MUG.
Assorted.



K48.
CHAMBER CANDLESTICK.
Assorted.



K50.
EGG FRAME.
4 and 6 Hole.



K41.
METAL COVER JUG.
Stocked in White, Printed,
Painted, and in Various
Fancy Shapes and Sizes.



KA18.
FANCY GILT JUGS.
Jugs in all sizes and qualities stocked.



KA19.

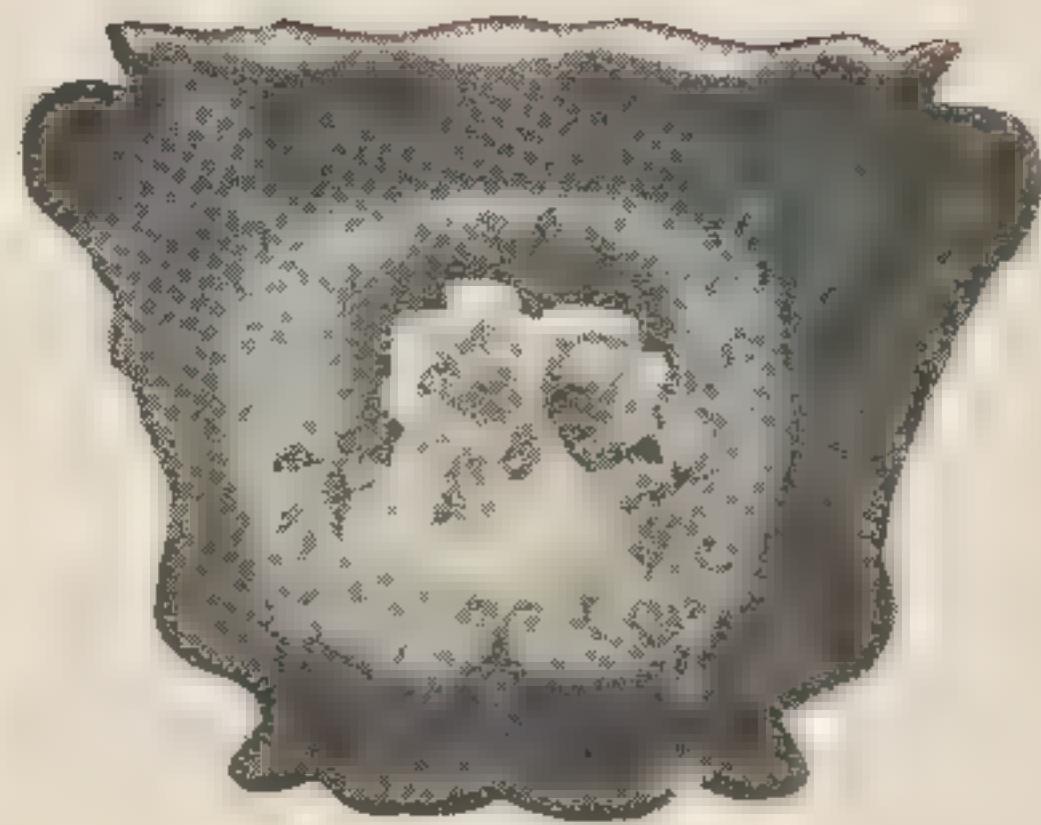
Vases, Etc.



K32.

VASE.

All the Newest Shapes
and Decorations.



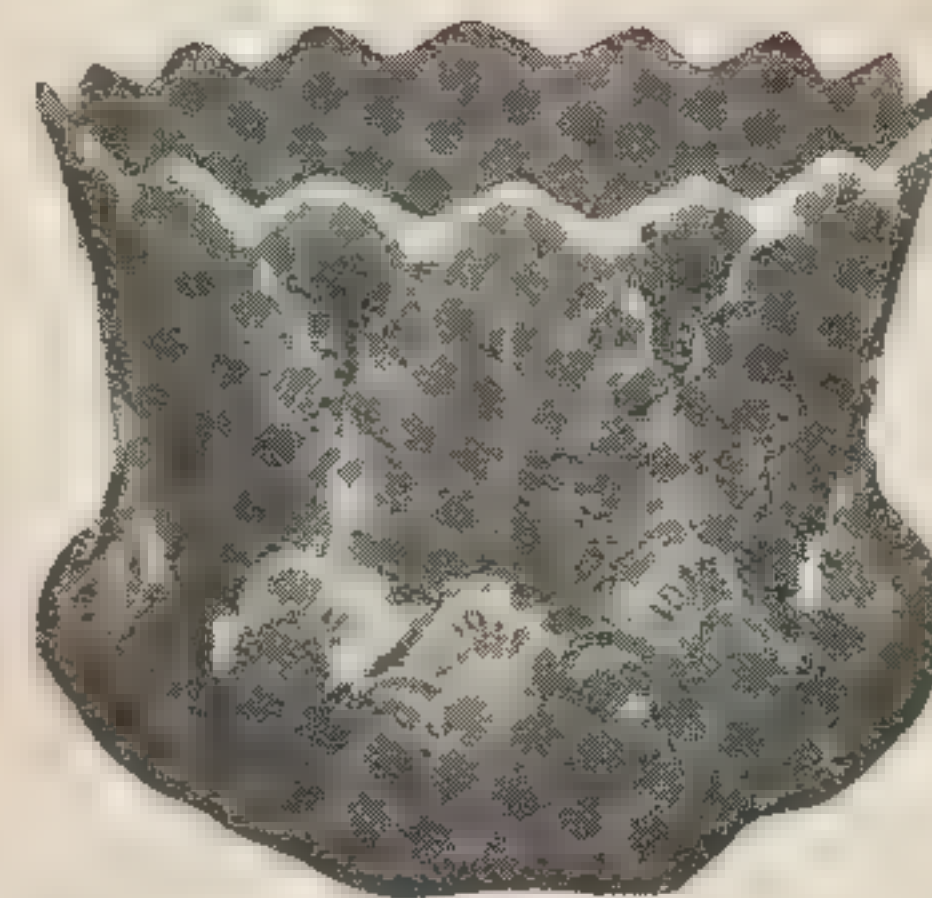
KA20



K34.

POT AND PEDESTAL.

In Majolica and Fancy Patterns.



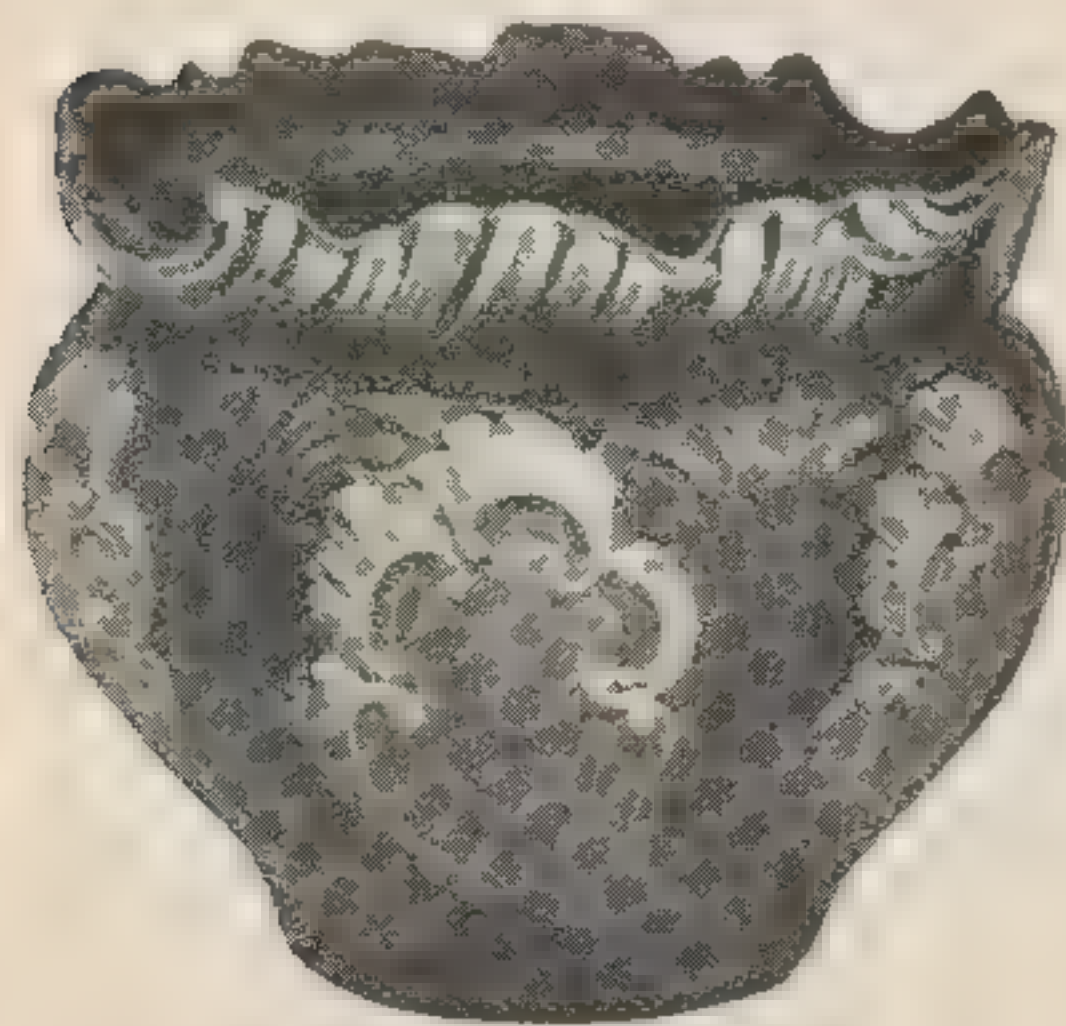
KA21.



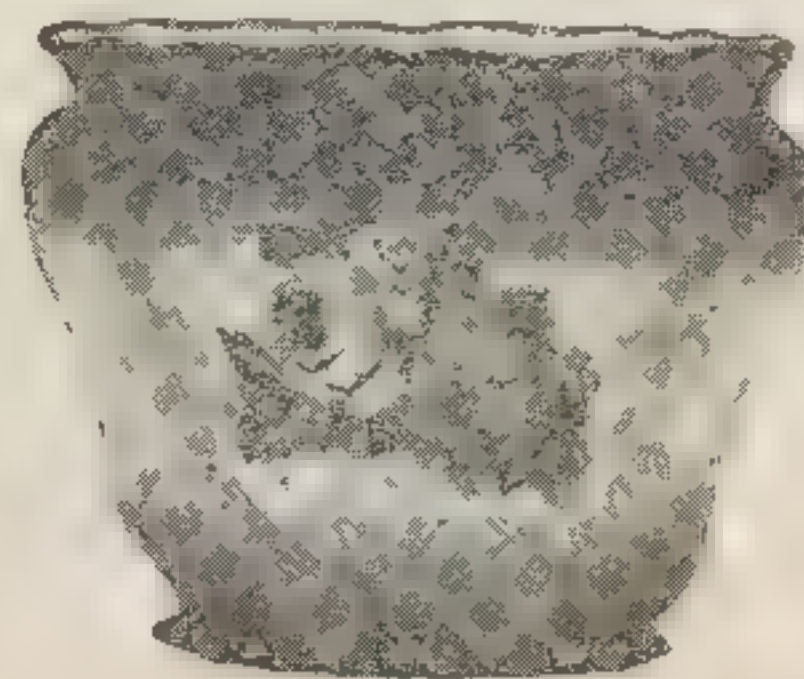
KA22.

VASE.

In latest English and
Continental Designs.



KA23.



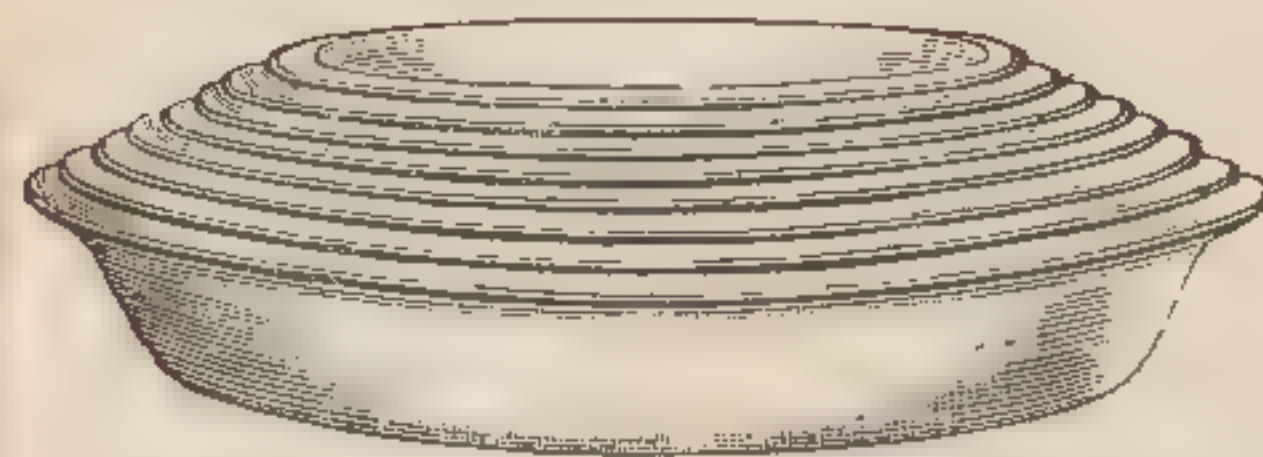
KA24.

JARDINIERES, In Majolica and Fancy Decorated Patterns, stocked in 4 Sizes.

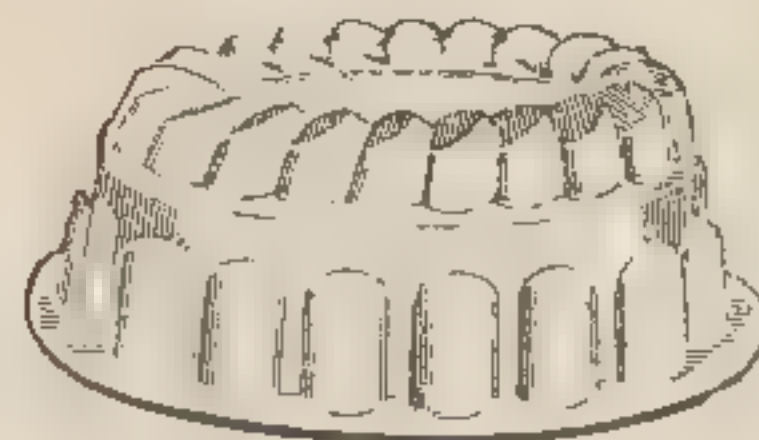


K27

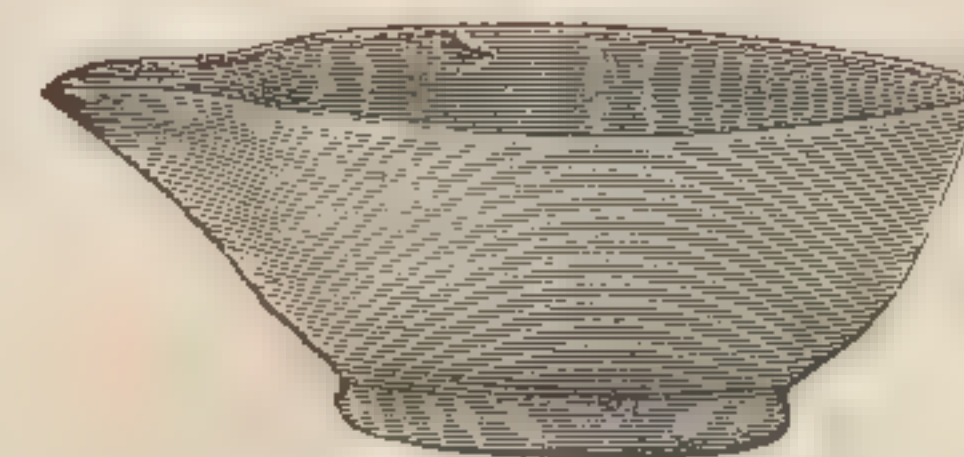
White-ware.



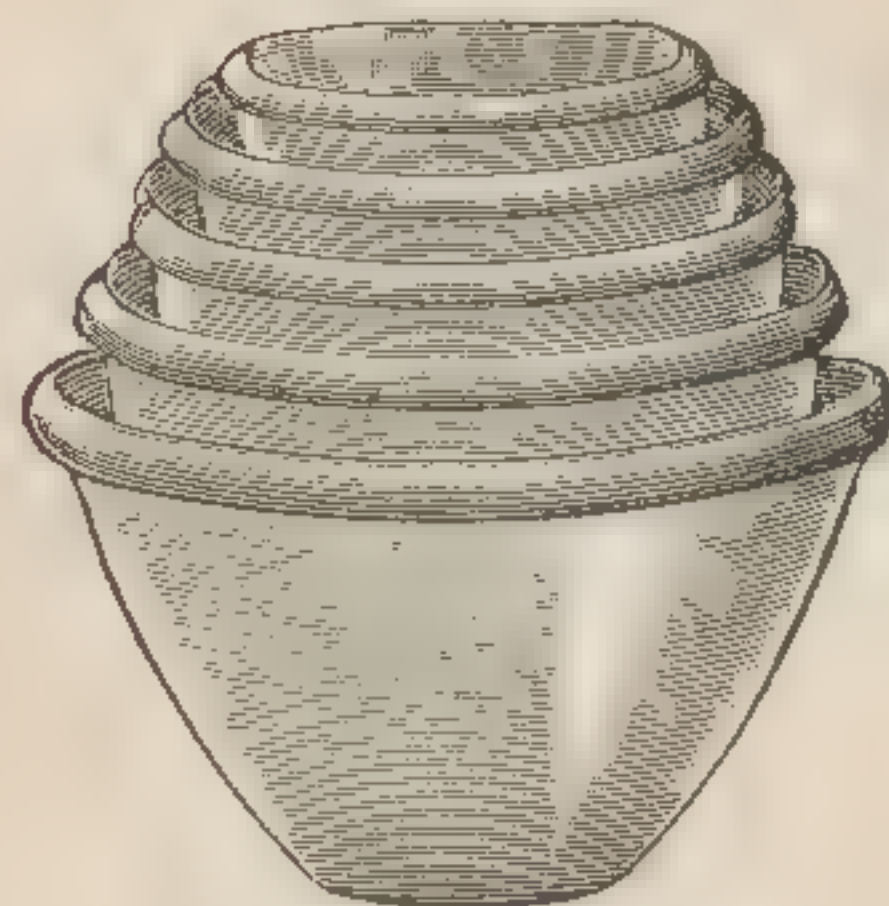
K61.
WHITE GRANITE BAKERS.
4 in. to 12 in.



K62.
JELLY MOULDS.
5, 6, 7, 8 inch.



K58.
CANE-LIPPED BOWL.
12's measure 9½ in. 4's measure 12½ in.
9's " 10½ in. 3's " 13½ in.
6's " 11½ in. 2's " 13¾ in.
Overall without lip.



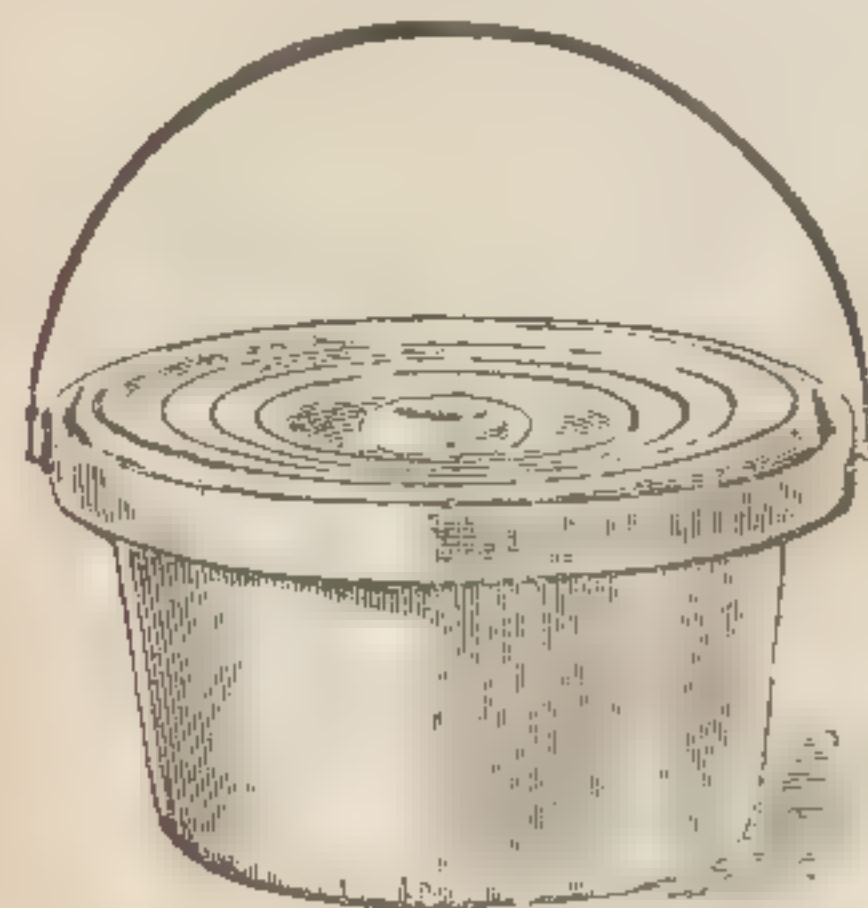
K56.
PUDDING BOWLS.
36's measure 5 in. 12's measure 8 in.
30's " 5½ in. 9's " 9½ in.
24's " 6½ in. 6's " 10½ in.
18's " 7½ in.
Overall.



K35.
QUEEN'S PUDDING BOILER.
12's 14's 16's 18's 20's
1 1½ 2½ 3½ 4½ Pints.
Extra Bowls can be supplied.



K57.
SLIPPER RED PAN.
Small, Medium and Large.



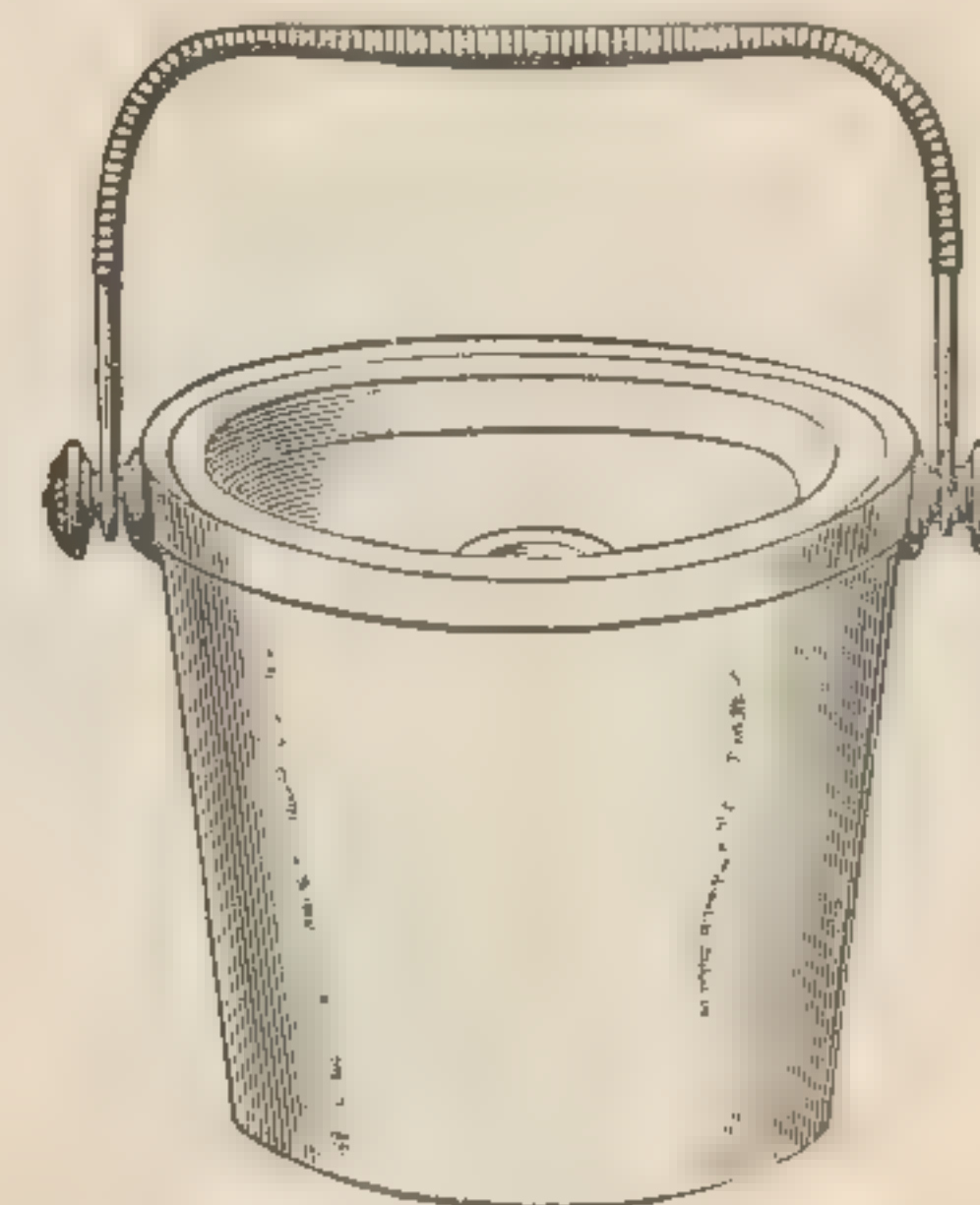
K54
PATENT COMMODE PAN.
11 inch overall



K55.
CHAIR PAN.
5 in. to 12 in.



K33.
SPIRIT KEG.
In Earthenware. Various
Brands. Also Stocked in Glass.



K53.
SLOP PAIL, WITH CANE HANDLE.

Langley and Stone-ware.



KA25.
COFFEE POT.
1, 2, 3 pint.



KA26.
TEAPOT.
Squat Shape.
From $\frac{1}{2}$ to 3 pint.



KA27.
TEAPOT, SUGAR AND CREAM.
BROWN LANGLEY-WARE.
 $\frac{1}{2}$, 1, 2 pint.



KA28.
COVERED JUGS. From $\frac{1}{4}$ to 3 pint.



KA29.
TANKARD JUG.



KA30.
COCOA JUG.
From $\frac{1}{2}$ to 3 pint.



KA31.
BOWL.
 $\frac{1}{4}$, $\frac{1}{2}$ pint



KA32.
WICKER JARS.
1, 2, 3, 5 gallons.

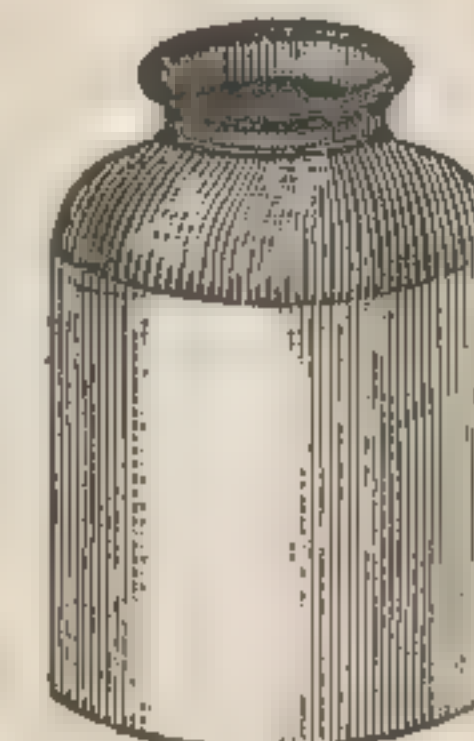


KA33.
BROWN SQUAT JAR
From 1 pint to 8 gallons.

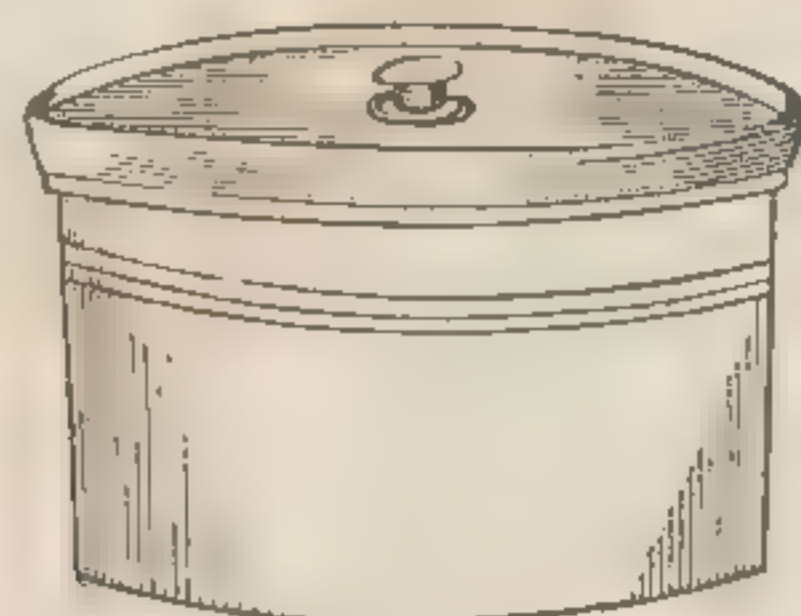
STONE-WARE.



KA34.
BIRD FOUNTAIN.
From $\frac{1}{2}$ pint to 2 quarts.



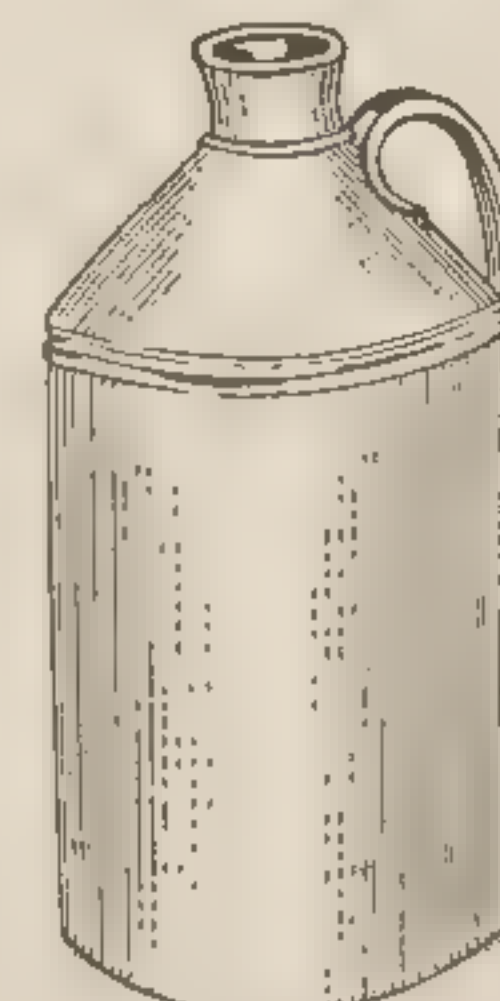
KA35.
BUNG JAR.
1 quart to 5 gallons.



KA36.
BUTTER JAR AND COVER.
From 10 to 50 lbs.



KA37.
BREAD PAN.
From 2 to 10 gallons.



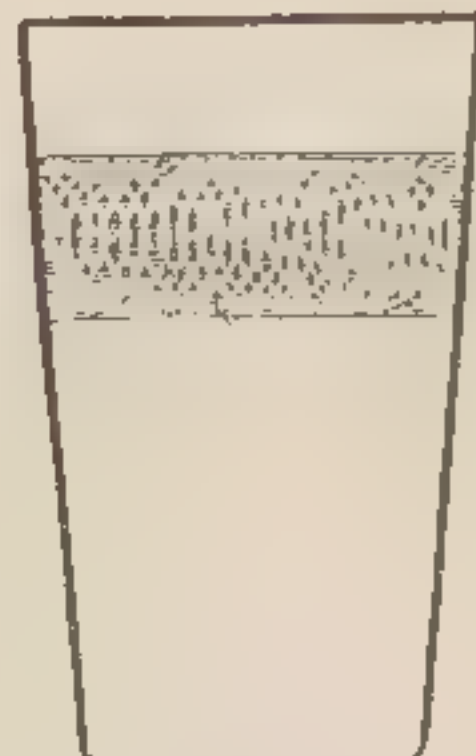
KA38.
HANDLED SPIRIT BOTTLE.
1 and 2 gallons.

Glass-ware.

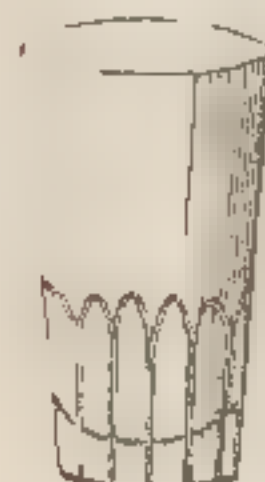
TUMBLERS.



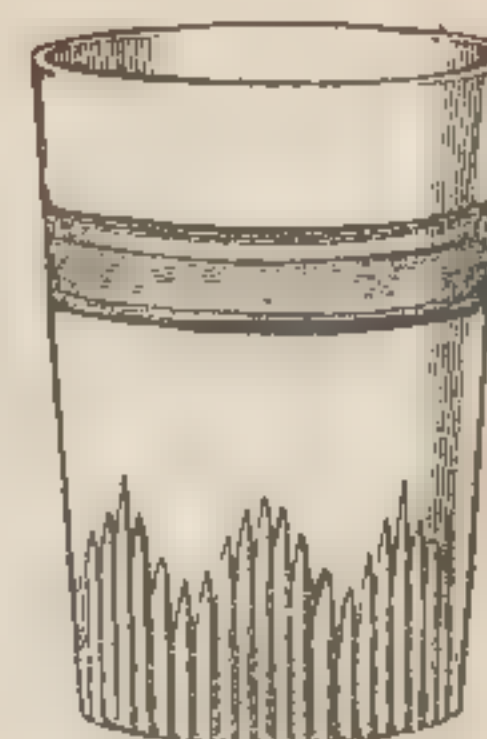
K64.
Engraved Fern
Hollow Flute.
 $\frac{1}{2}$ pint.



Etched Circle.
From $\frac{1}{4}$ to $\frac{3}{4}$ pint.



K65.
Demi Crystal Cut.
1-6 quart.



K82.
American Moulded.
 $\frac{1}{2}$ pint.



K63.
Baccarat Full
Crystal Cut.
From $\frac{1}{4}$ to 1 pint.



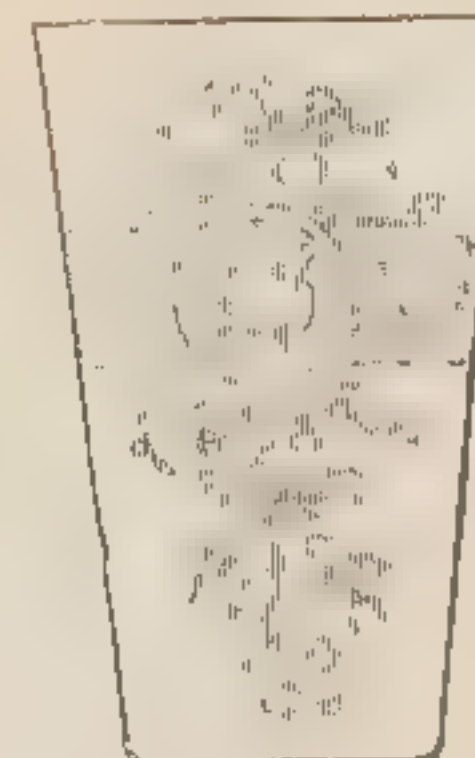
KA39.
Cut Flute and Spike.
From $\frac{1}{4}$ to $\frac{3}{4}$ pint.



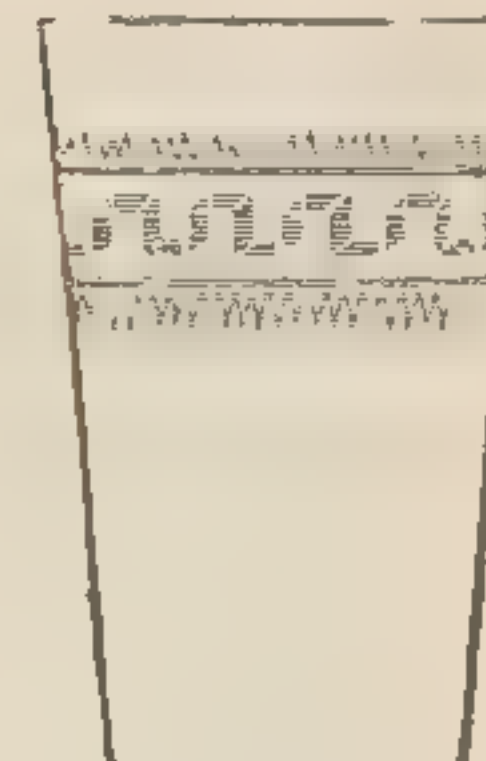
K74.
Demi Crystal Cut
Hollow Flutes.
From $\frac{1}{4}$ to $\frac{3}{4}$ pint.



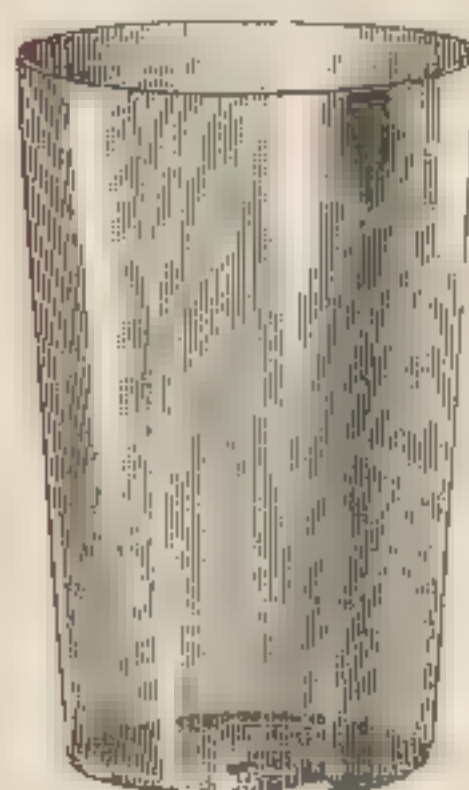
K75.
Demi Crystal Cut.
Ball and Flute
From $\frac{1}{4}$ to $\frac{3}{4}$ pint.



K76.
Demi Crystal Etched.
 $\frac{1}{4}$ and $\frac{1}{2}$ pint.



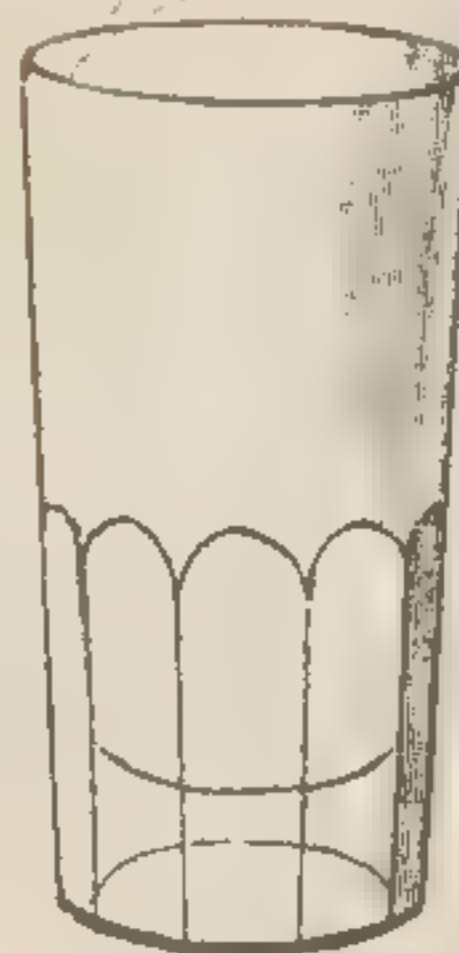
K77.
Demi Crystal
Etched Key
 $\frac{1}{4}$ to $\frac{3}{4}$ pint



K67.
Demi Crystal Thin.
 $\frac{1}{4}$ to $\frac{3}{4}$ pint.



K79.
Glass Mugs.
 $\frac{1}{2}$ and 1 pint.



K80.
Two Ale Glass.
 $\frac{1}{2}$ -Pint, moulded.



K81.
Heavy Bottom.
 $\frac{1}{2}$ to 1 pint.

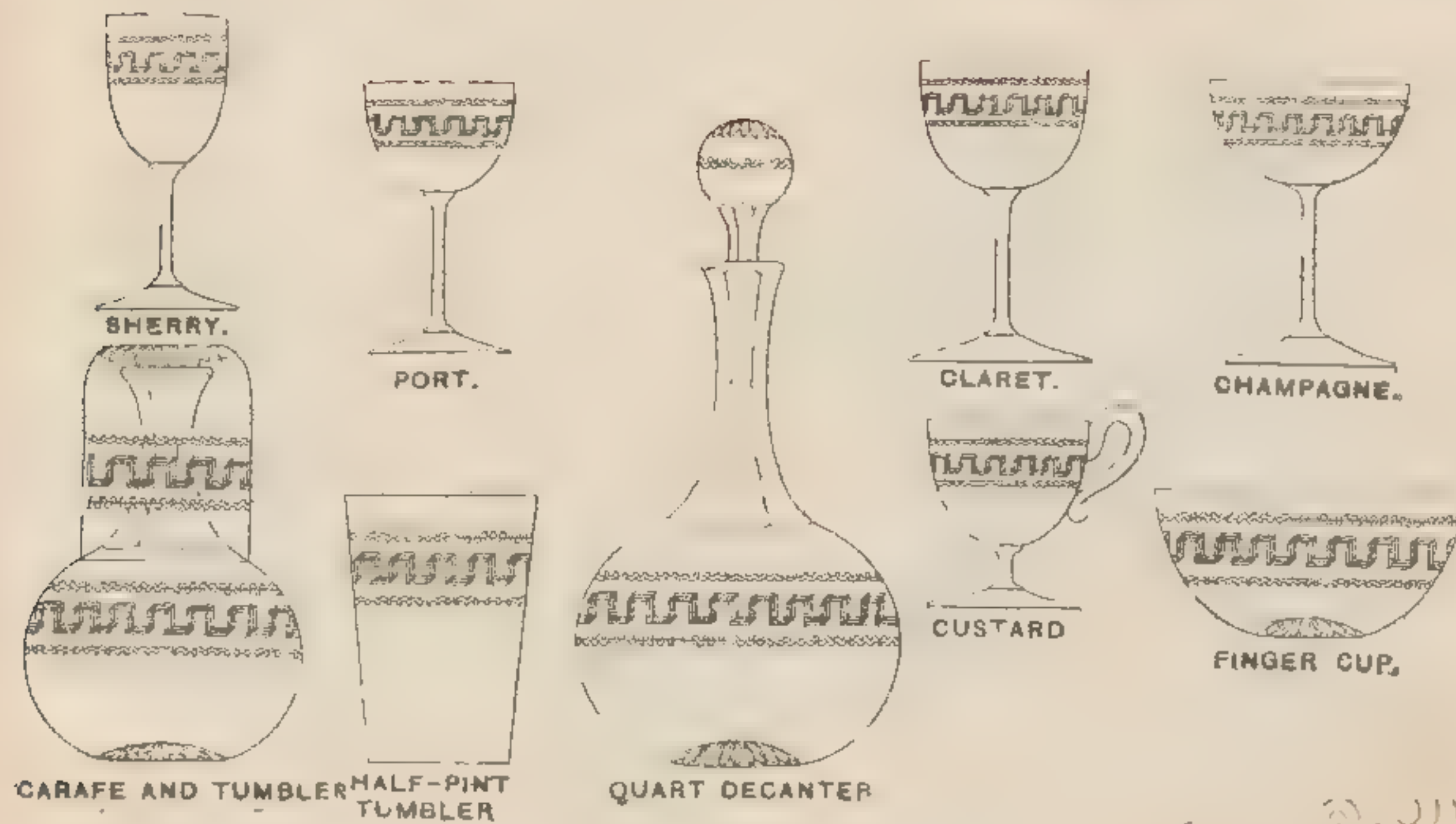


K83.
Lager Beer Glass.
1-6 and 1-5 qts.



K84.
Plain Ale Glass.
 $\frac{3}{4}$ Pint and $\frac{1}{2}$ -Pint

Glass Suite.



K86.

DEMI CRYSTAL ETCHED STRAIGHT KEY.

Also stocked in Circle Pattern.



K88.

CUT STARS AND FLUTES.

All above Suites can be supplied in separate quantities



K87.

FULL CRYSTAL ETCHED SLANTING KEY.

Also stocked, Plain.



KA40.

PALL MALL PATTERN.

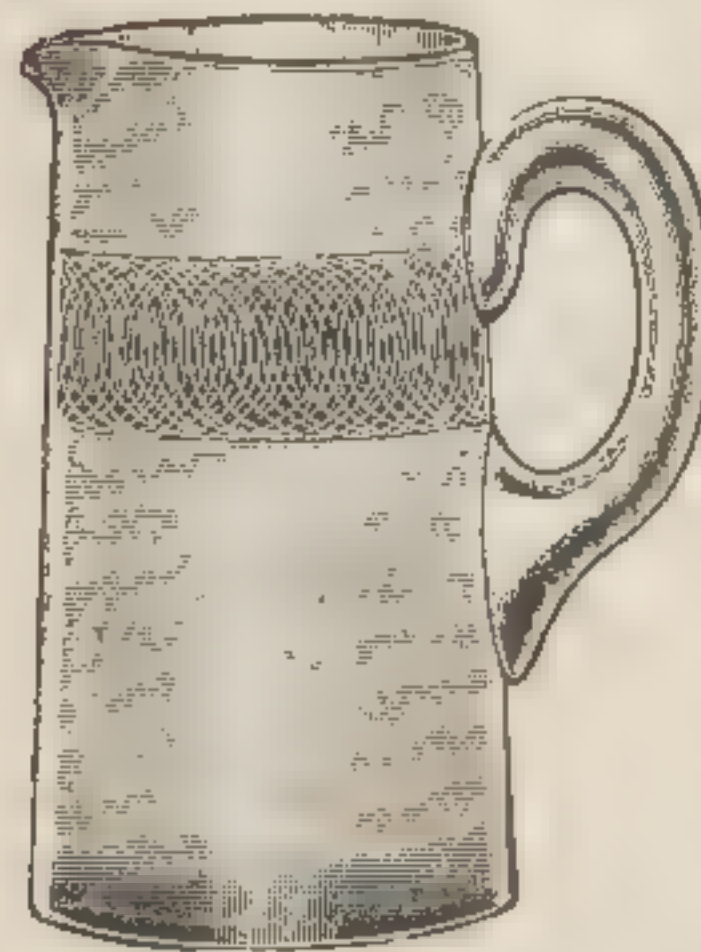
Glass Jugs and Decanters.



KA41.
DECANTERS.
Various Patterns.
1, 2 pint.



K98.
BITTERS BOTTLE.



KA43.



KA44.



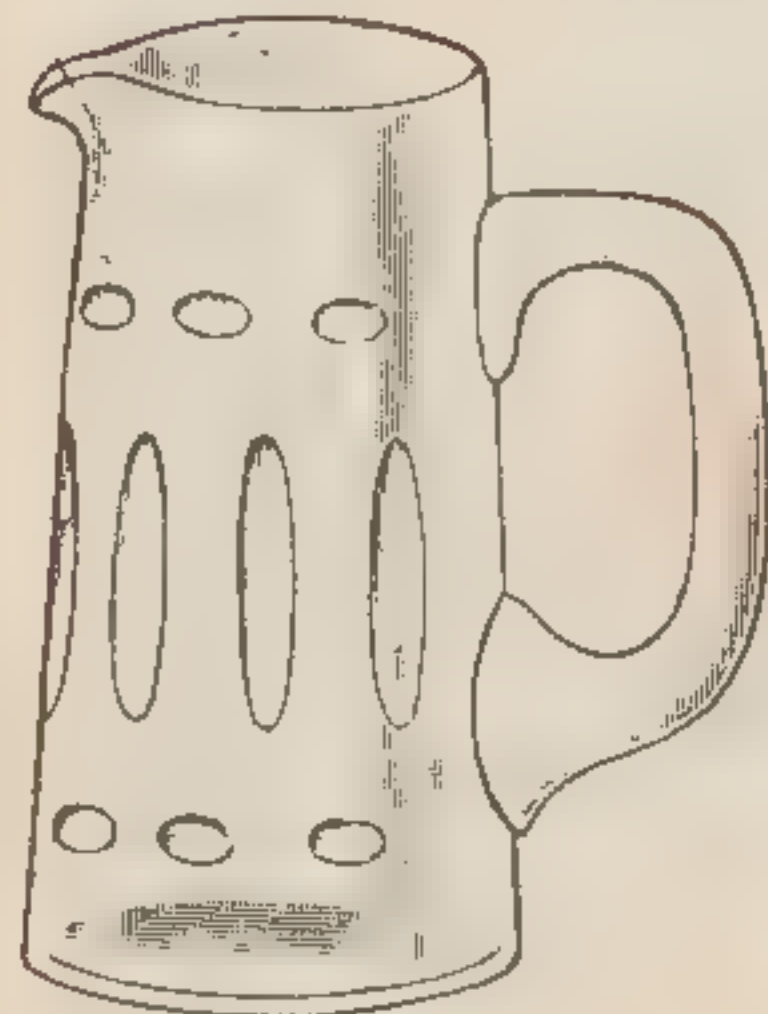
K08.
Round.
Different Qualities



KA42.
Square.

Glass Jugs.

1. 1½, 2, 3, 4 pint.



K100.



K102



KA45



K101.



KA46

Glass-ware, Various.



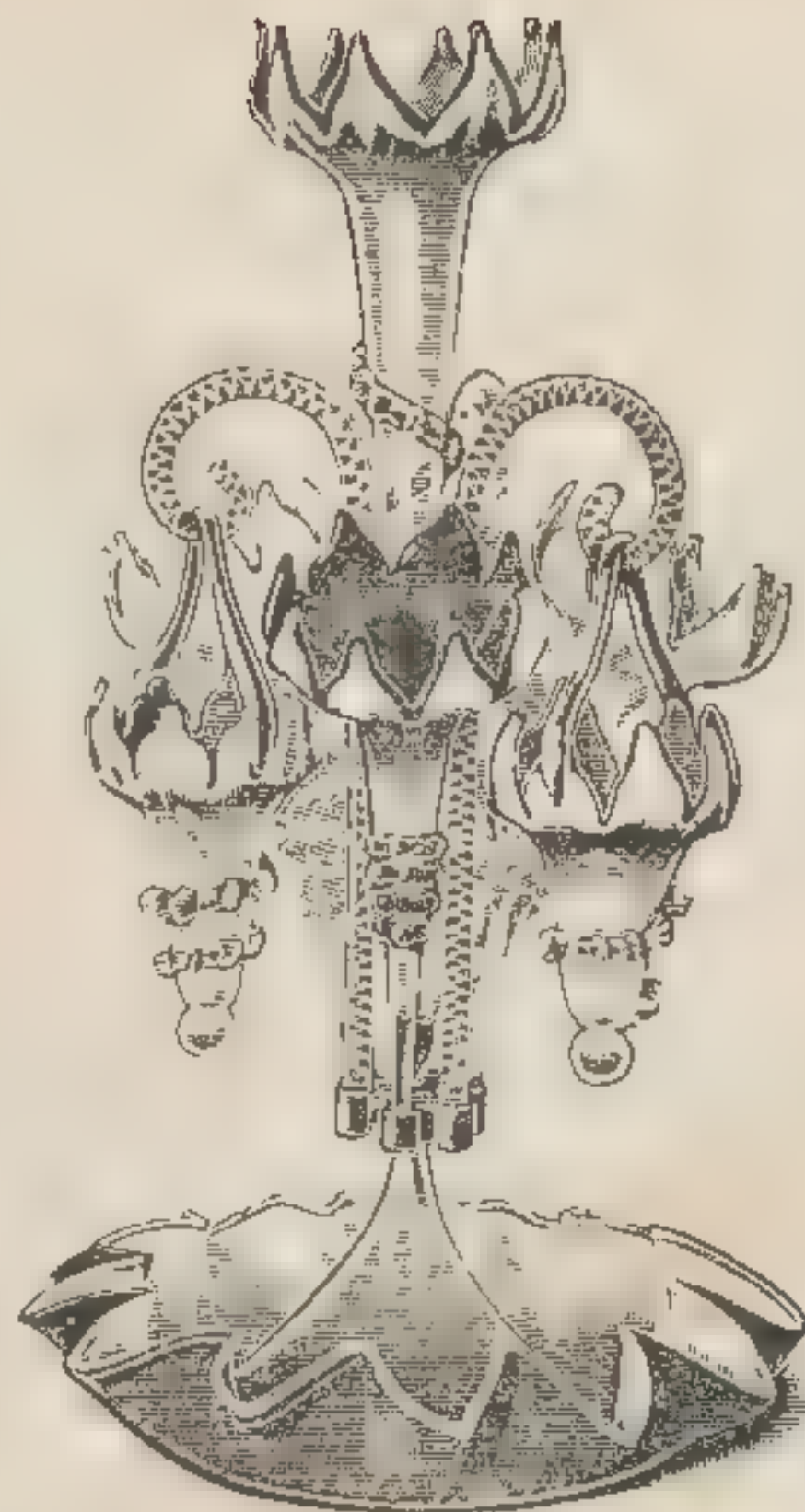
K103.
FERN JELLY,
Also CUSTARDS



KA47.
KEY JELLY,
Also CUSTARDS.



K105.
FERN SHERRY,
Also PORTS.



KA49.
GLASS FLOWER STANDS.
In Various Designs and Colors.



KA48.
KEY CUSTARD.
Also JELLIES.



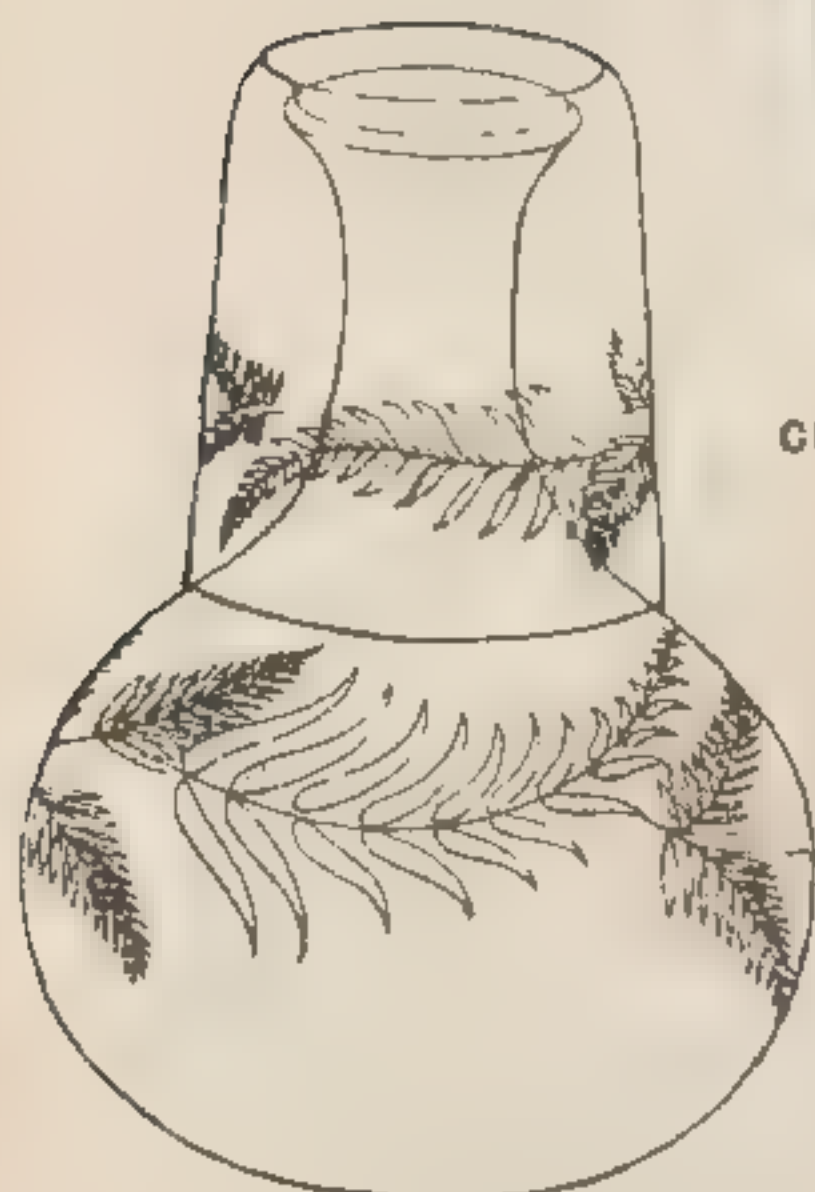
K104.
CUT CUSTARD.
Also JELLIES.



KA50.
CUT GLASS PICKLES,
Various.



KA51.
CUT CARAFFE AND UP.



K106.
FERN CARAFFE AND UP.



K107.
BAR BOTTLE, CUT NECK.
Also stocked with Cut Body in
2 and 3 pint sizes.



KA52.
COMMUNION TRAYS.
Cedar Frames.
Nickel Handle, to hold from 24 to 40 glasses.



KA53.
KEY CARAFFE AND UP.

Pressed Glass=ware.



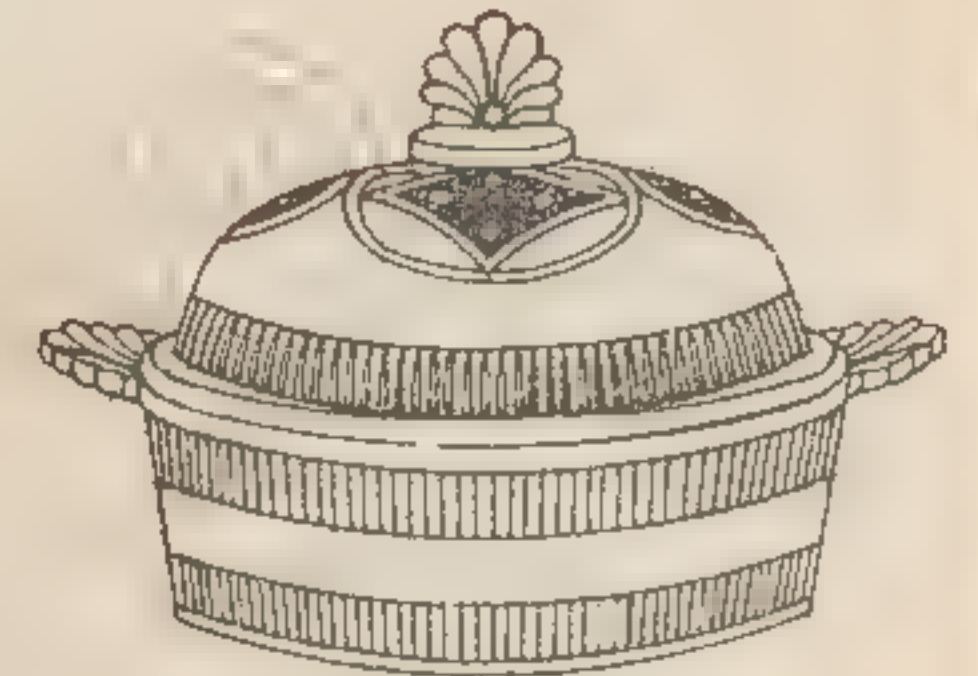
KA54.



KA55.



KA56.

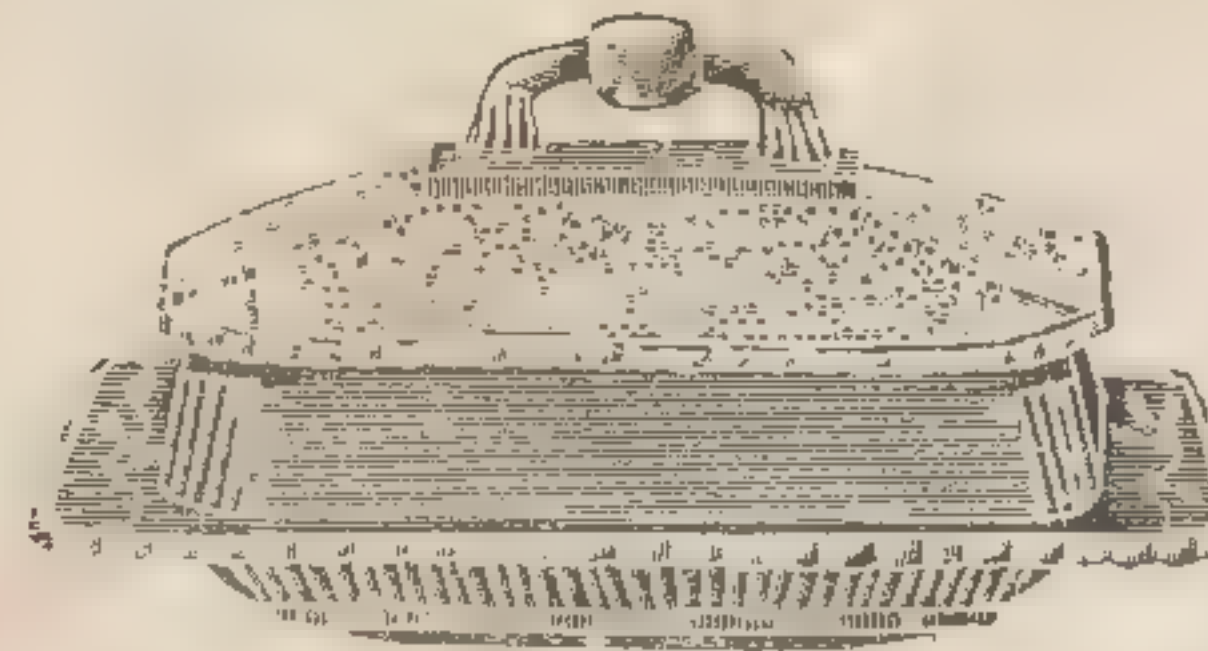


K94.

COVERED JAMS.



KA57.



KA58.



KA60.



KA59



KA61:



KA62.

COVERED BUTTERS.

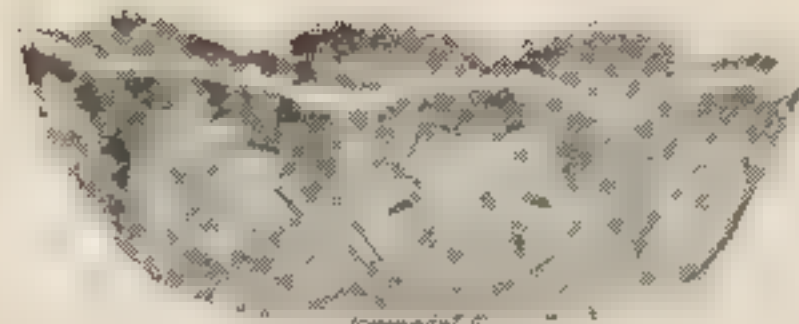


KA63.

Pressed Glass-ware. *Continued.*



KA64.



KA65.



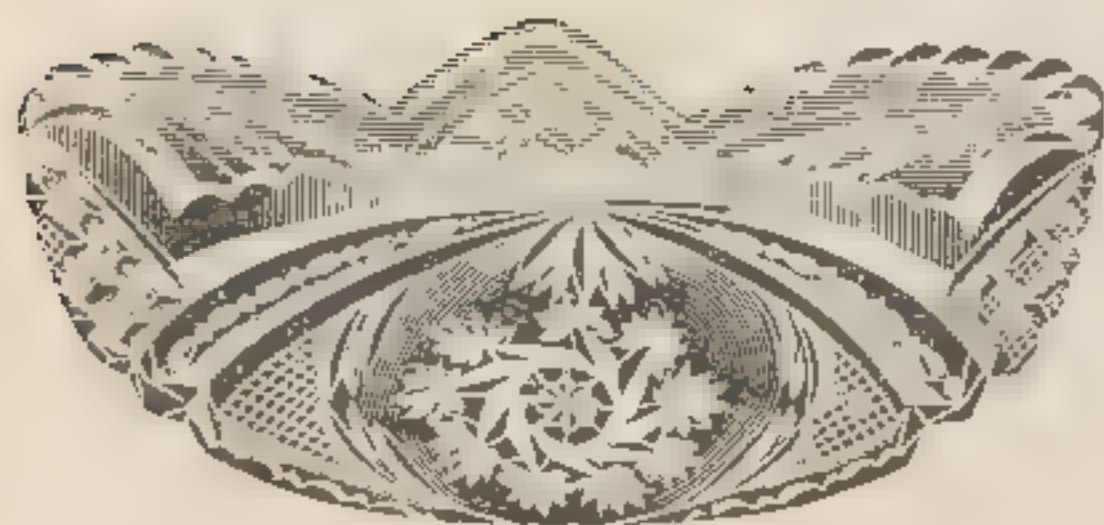
KA66.



KA67.

Handled Sweet.

Bowls from 7½ to 10 inch.



KA68.



KA69.

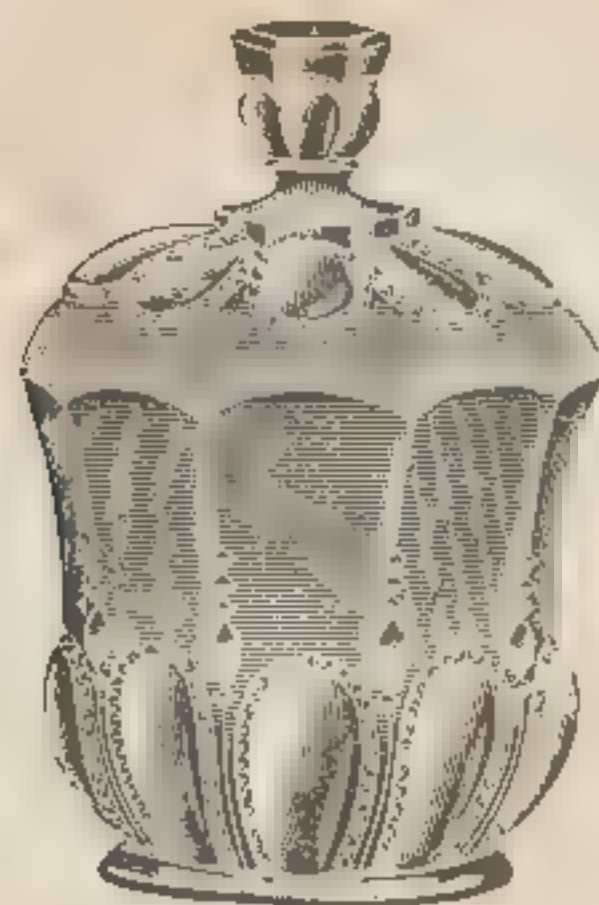
BOWLS FROM 7½ to 10 INCH.



KA70.



KA71.

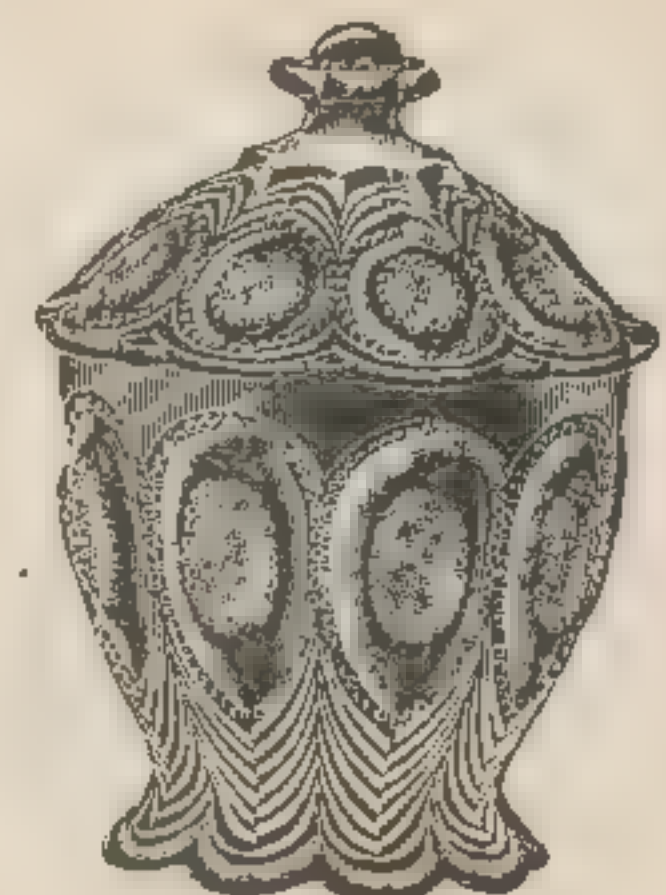


KA72.

COVERED SUGARS



KA73.

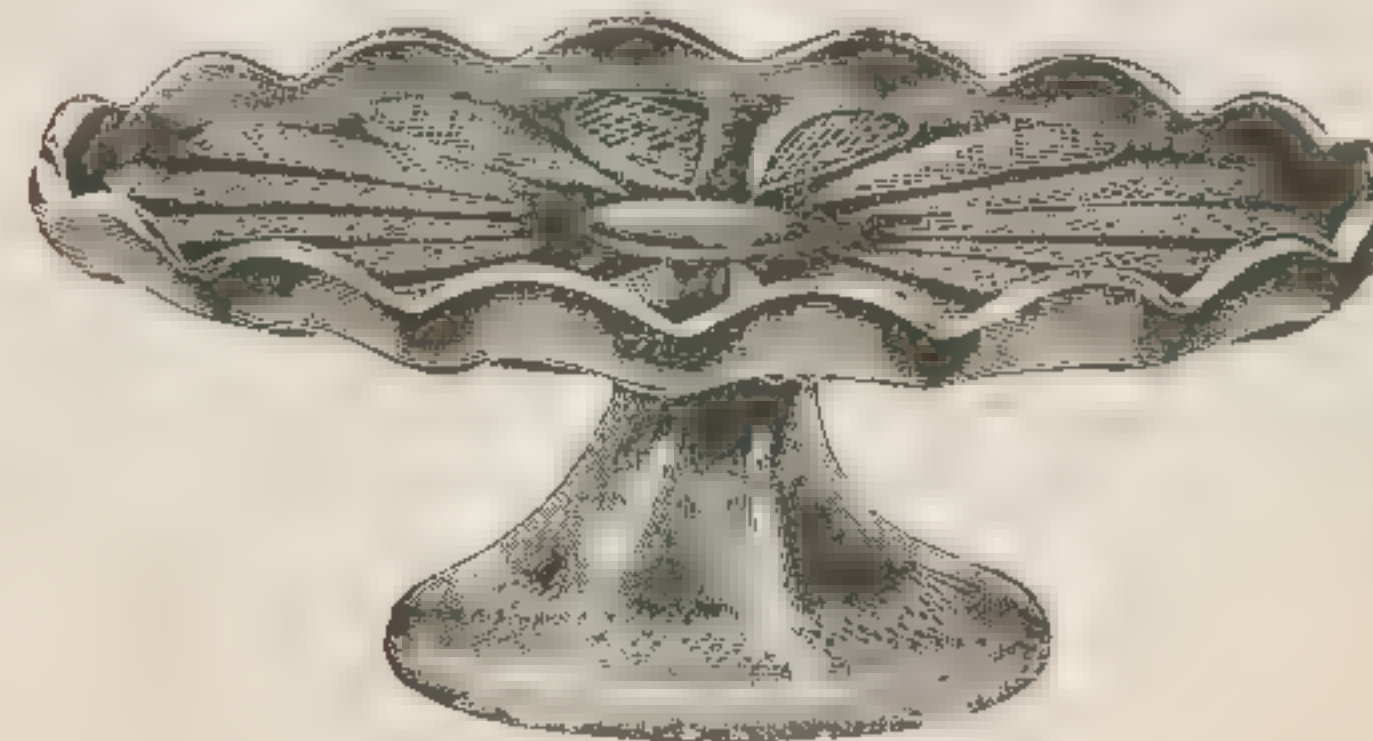


KA74.

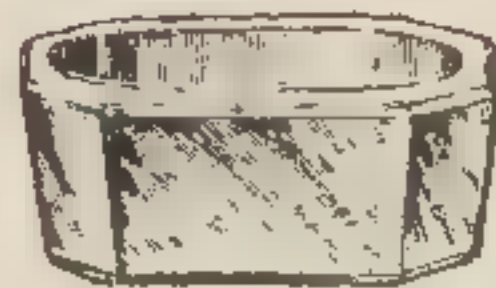
Pressed Glass-ware *Continued.*

THE LATEST PATTERNS OF ENGLISH
AND AMERICAN GLASSWARE SUITABLE
FOR THE TRADE ALWAYS STOCKED.

A FINE SELECTION OF GLASSWARE IN
PLAIN CRYSTAL STOCKED IN SUGARS,
BUTTERS, JAMS, ETC.



KA75.
CAKE STANDS.
8, 9, 10 inch.



K70.

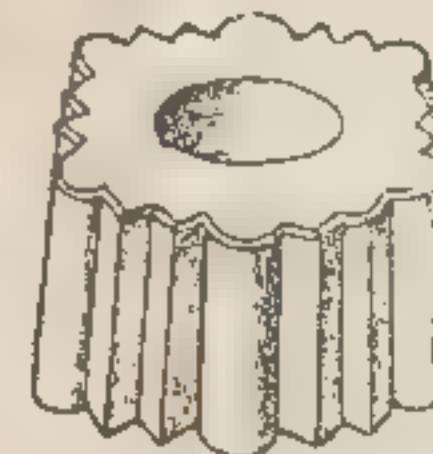


K71.

CUT GLASS SALTS.
Oblong, Round, Oval and Fancy Shapes.
All sizes. Also Pressed Glass Salts.



KA76.
COMPORTS.
8, 9, 10 inch.



K72.
PIANO INSULATORS.
Assorted Colors.



K96.
PEPPER OR SALT SHAKER
Nickel Tops.



KA77.
MOLASSES CAN.



K68.
GLASS KNIFE RESTS.



K69.



KA78.
TALL PICKLE JAR.

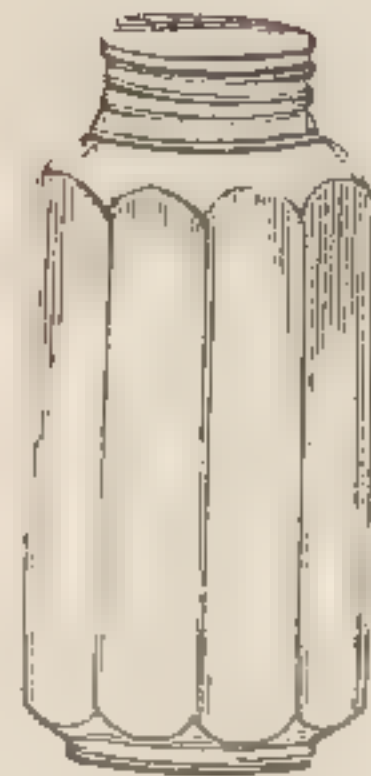


KA79.
TALL HONEY JAR.

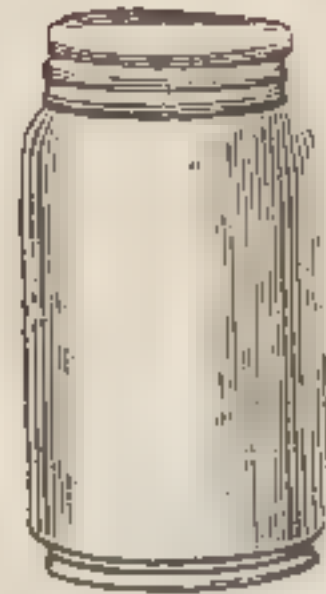
Glass Jars, Etc.



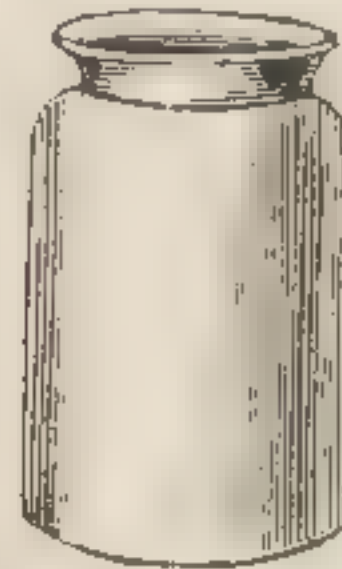
KA80 — Octagon
Screw Tin Top,
1lb.



KA81 — Octagon
Screw Tin Top,
2 lb.



KA82—Tall Straight,
1 and 2 lb.



KA83—Tie Over,
1lb.



KA84—Tin Top Jelly
Tumbler, 1 lb.



KA15—Barrel Shape,
Tin Top, 1 and 2 lb.



KA86
Tall Straight,
2lb.

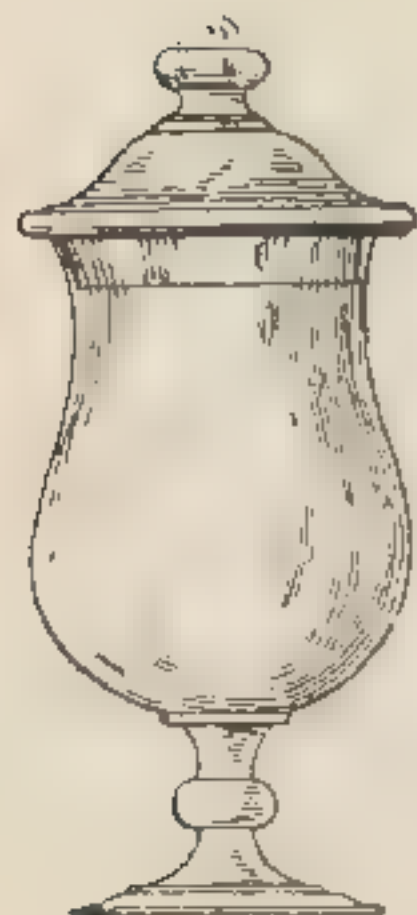
JELLY JARS.



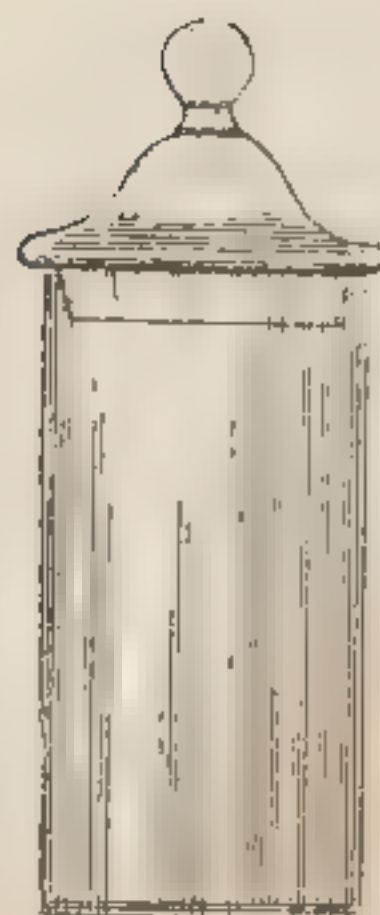
KA89
CAKE STAND AND
COVER.
8, 9, 10, 11 in. dia.



KA90
FISH BOWL.
6, 7, 8, 9, 10 in. dia



KA87 — Thistle
Shape, 8 to 12
inch from stand
to rim.



KA88 — Straight
Lolly, 8 to 12 in.
from stand to
rim.

LOLLY JARS.



KA91—"Boston," 3
in. opening at
mouth, pints, qts.,
2 qts.



KA92 — Imported
"Mason's," with
metal covers, 1 pint,
1 qt., 2 qts.



KA93 — Colonial
and Imported
"Lightning," 1 pt.,
1 qt., 2 qts.

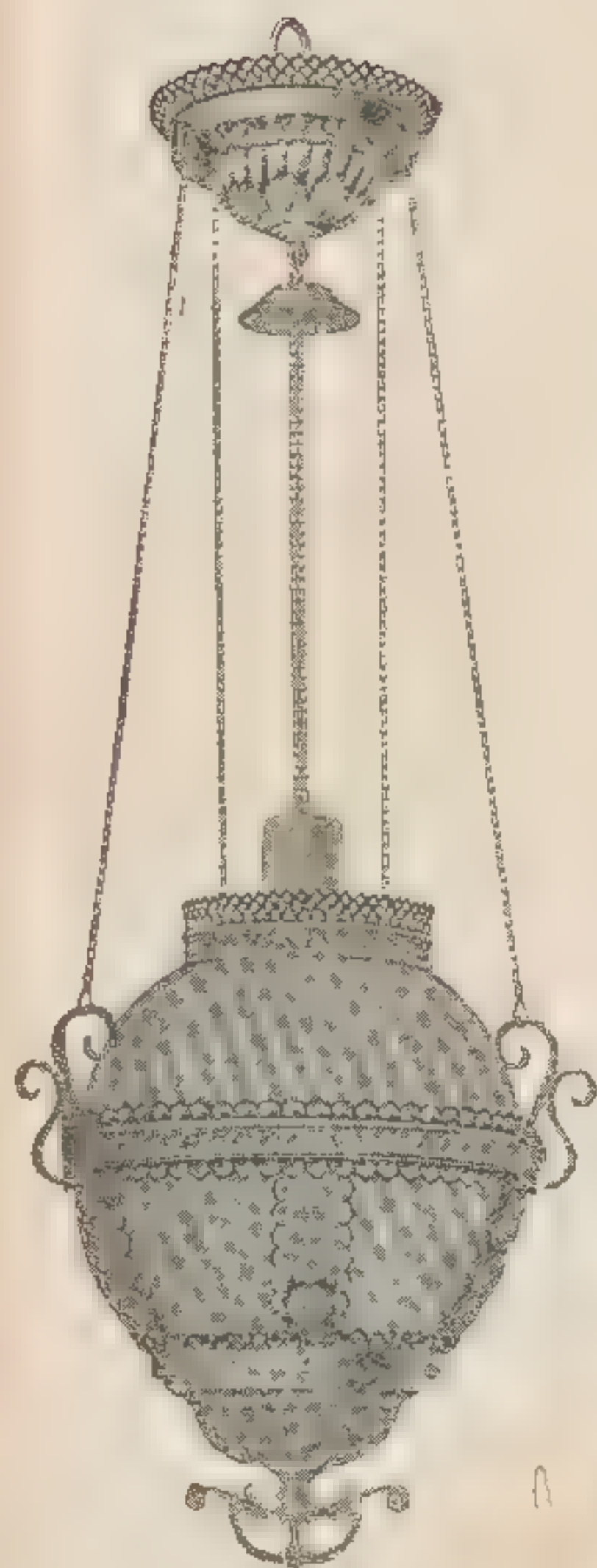


KA94.

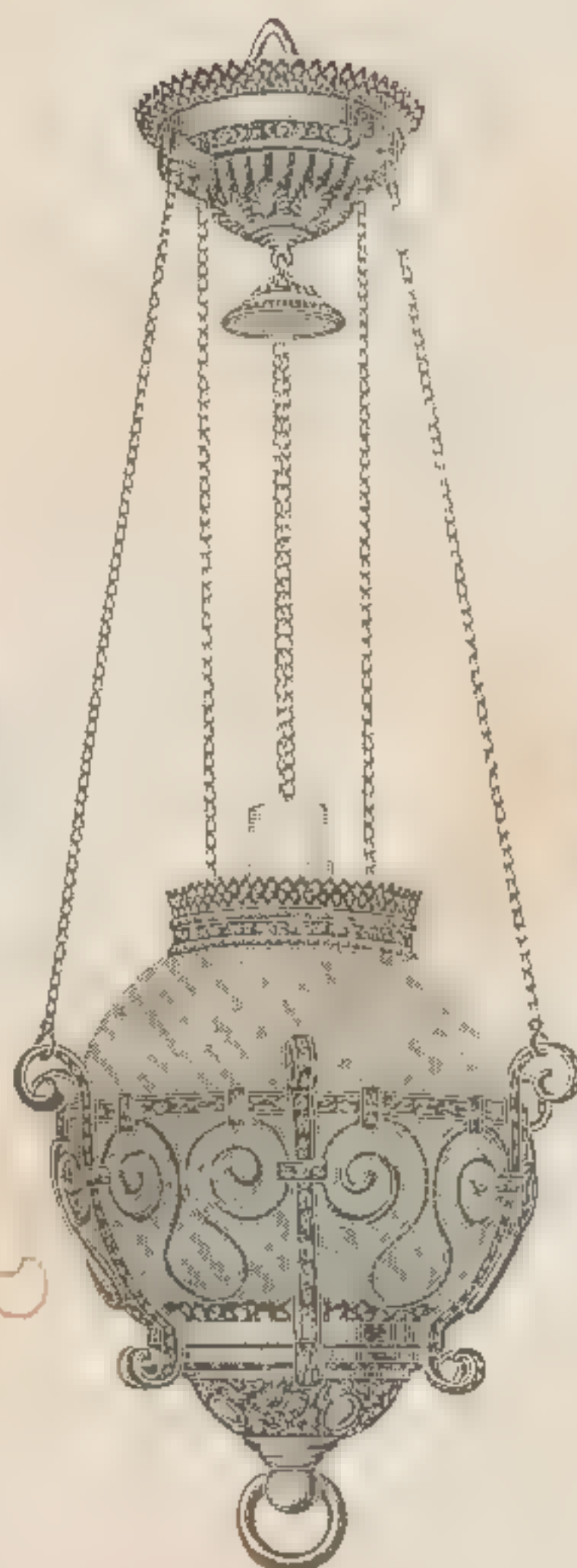
FRUIT PRESERVING JARS.

LAMP-WARE.

Hall Lamps.



KA95.
Ruby or Pink Globe.
Brass Finish.



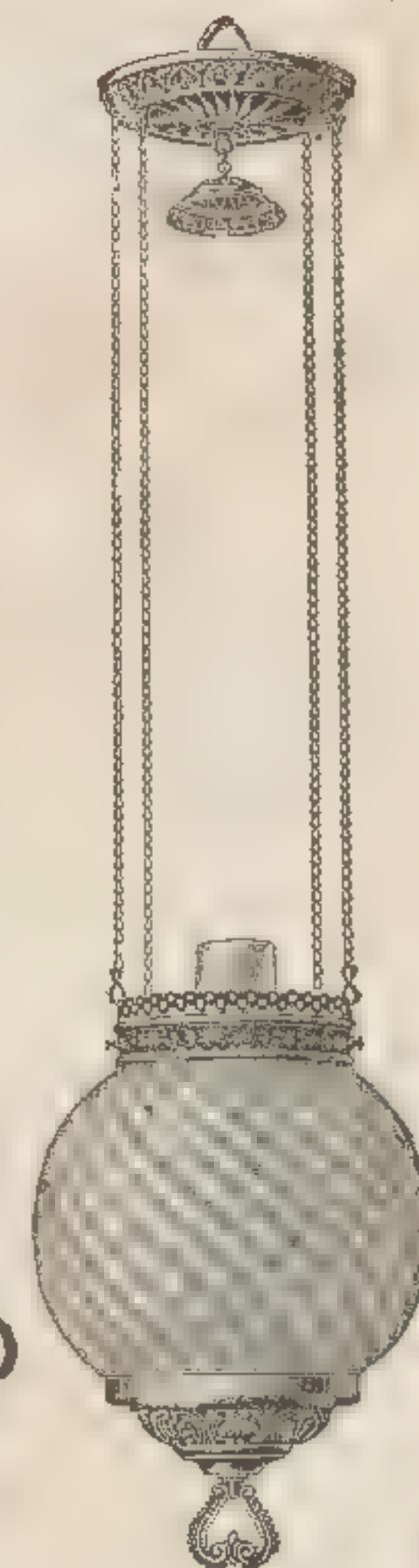
K113.
Etched Crystal Globe.
Brass Finish.



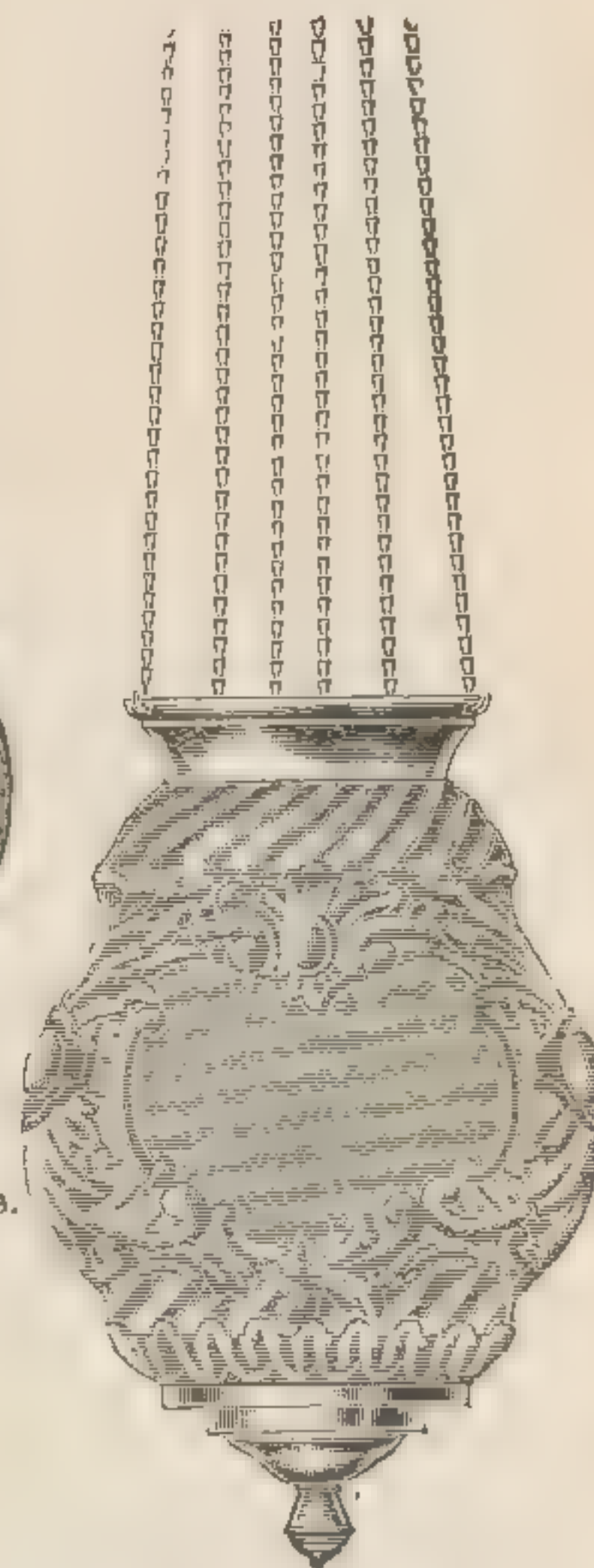
KA95 $\frac{1}{2}$.
Etched Crystal Sides.
Brass Finish.



K114.
Ruby or Pink Globe.
Black Iron Finish.



K117.
Ruby or Pink Globe.
Brass Finish.

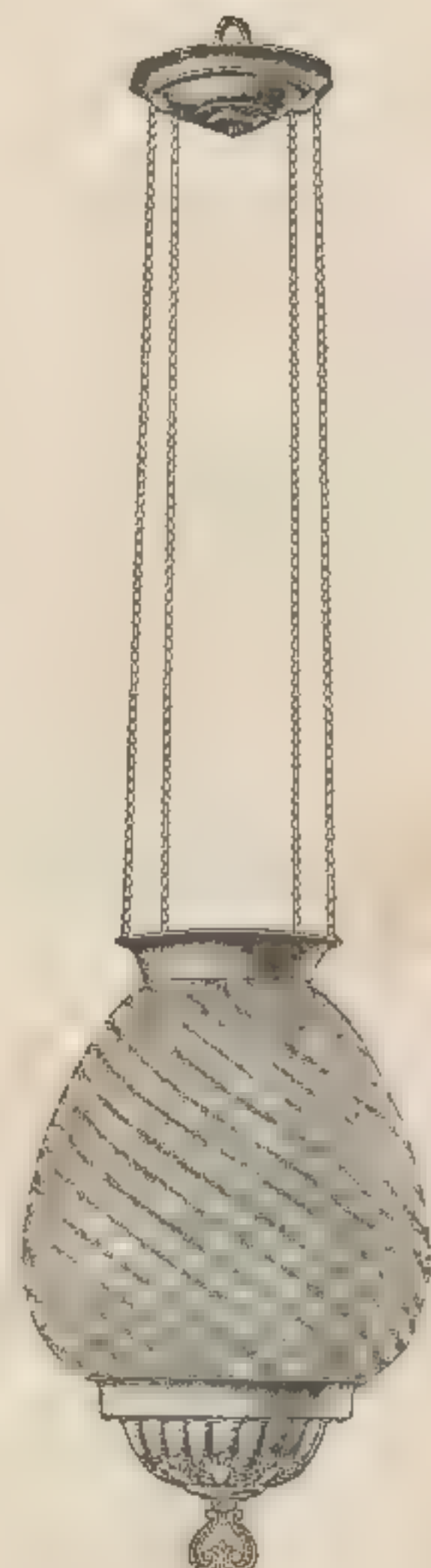


K153.
Amber or Green Globe.
Brass Fittings.

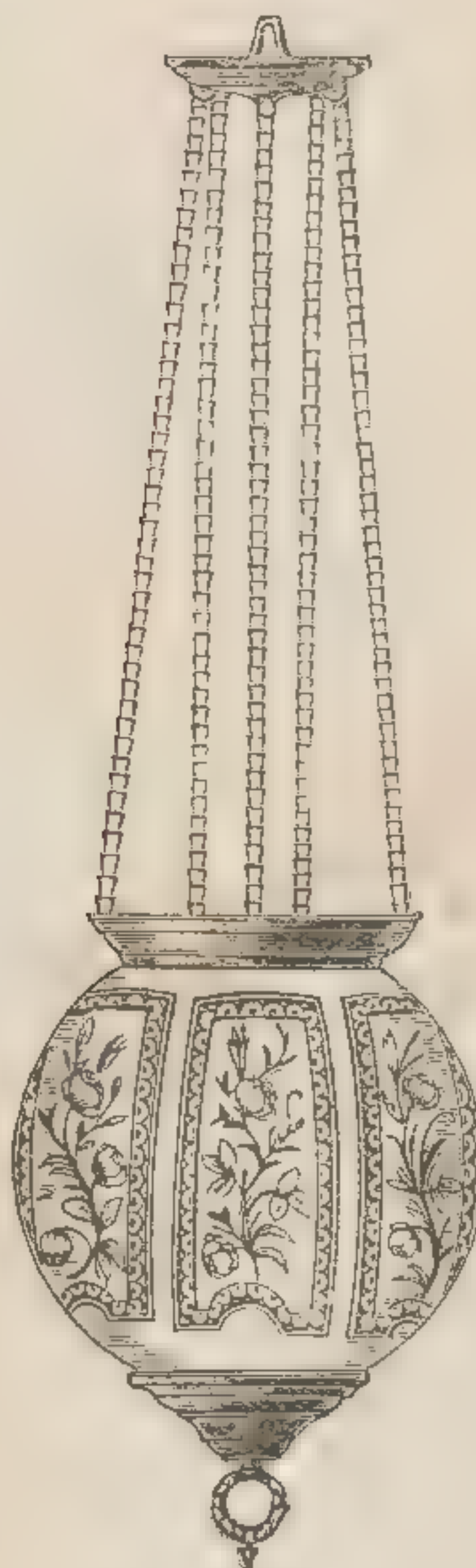
Hall Lamps—Continued



K118.
Ruby or Pink Globe.
Brass Finish.



K119.
Ruby or Pink Globe.
Brass Finish.



K196.
Assorted Colors
Shaded Globe.
Brass Finish.

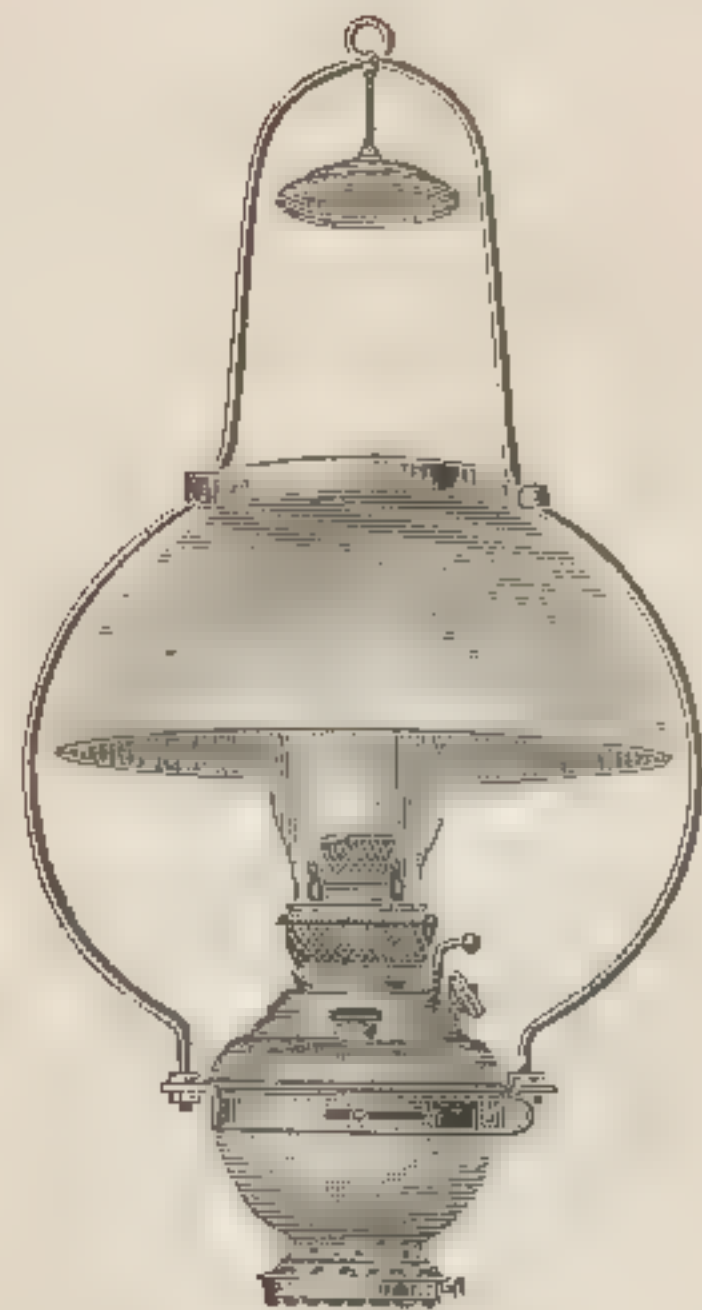


K116.
Etched Crystal Sides.
Brass Finish.

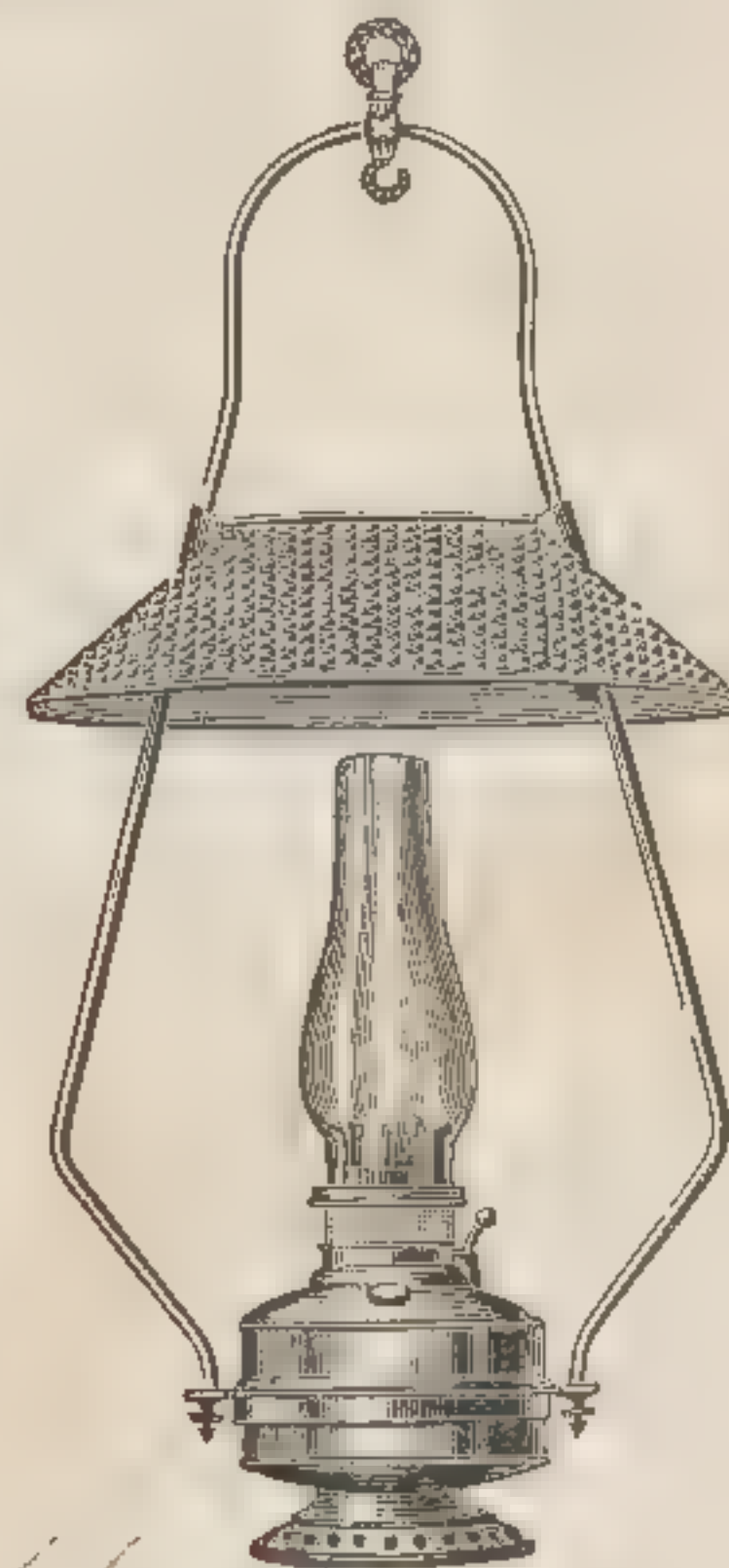


K151.
Cut Crystal Globe.
Brass Fittings.

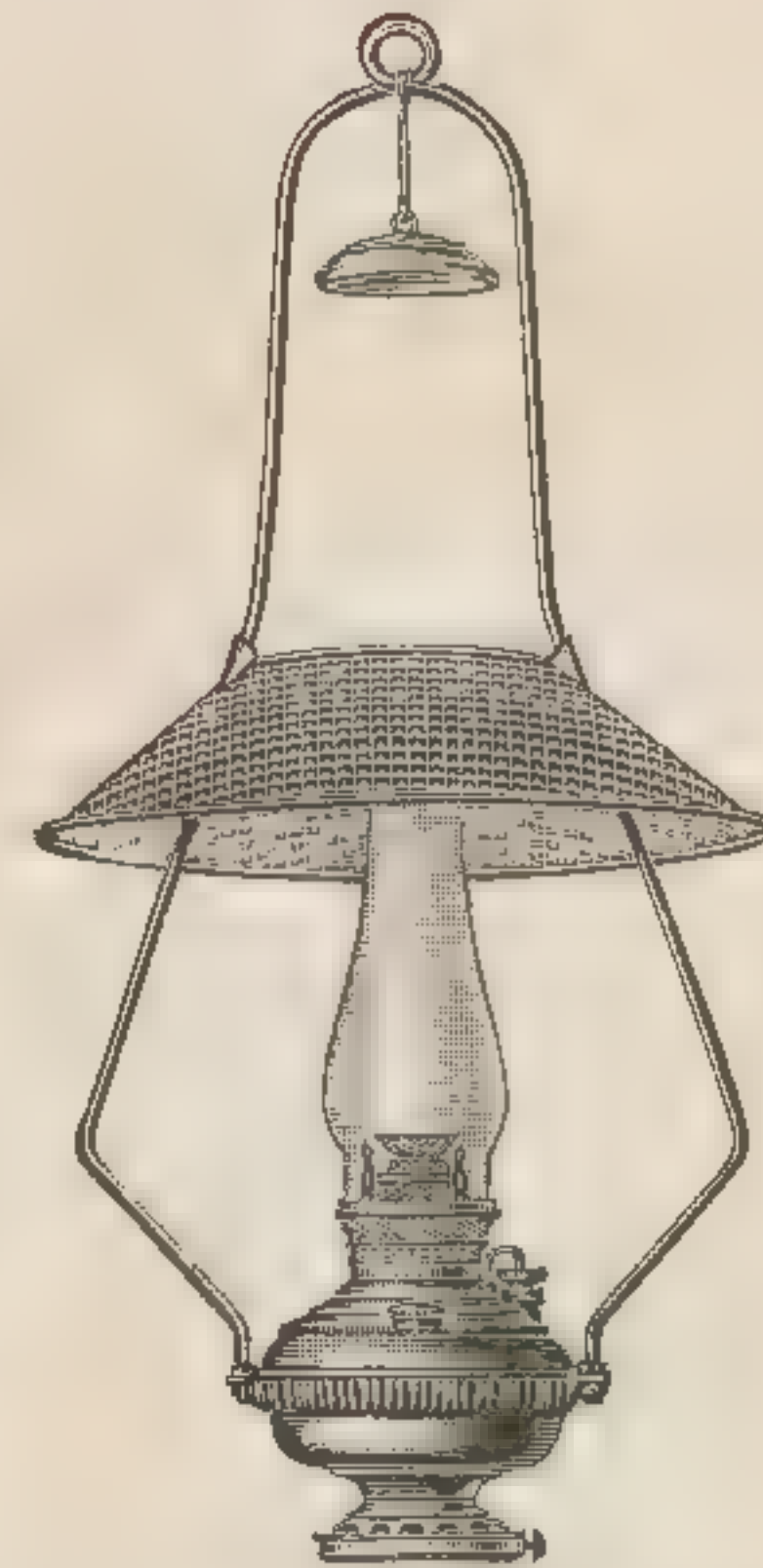
Harp Hanging Lamps.



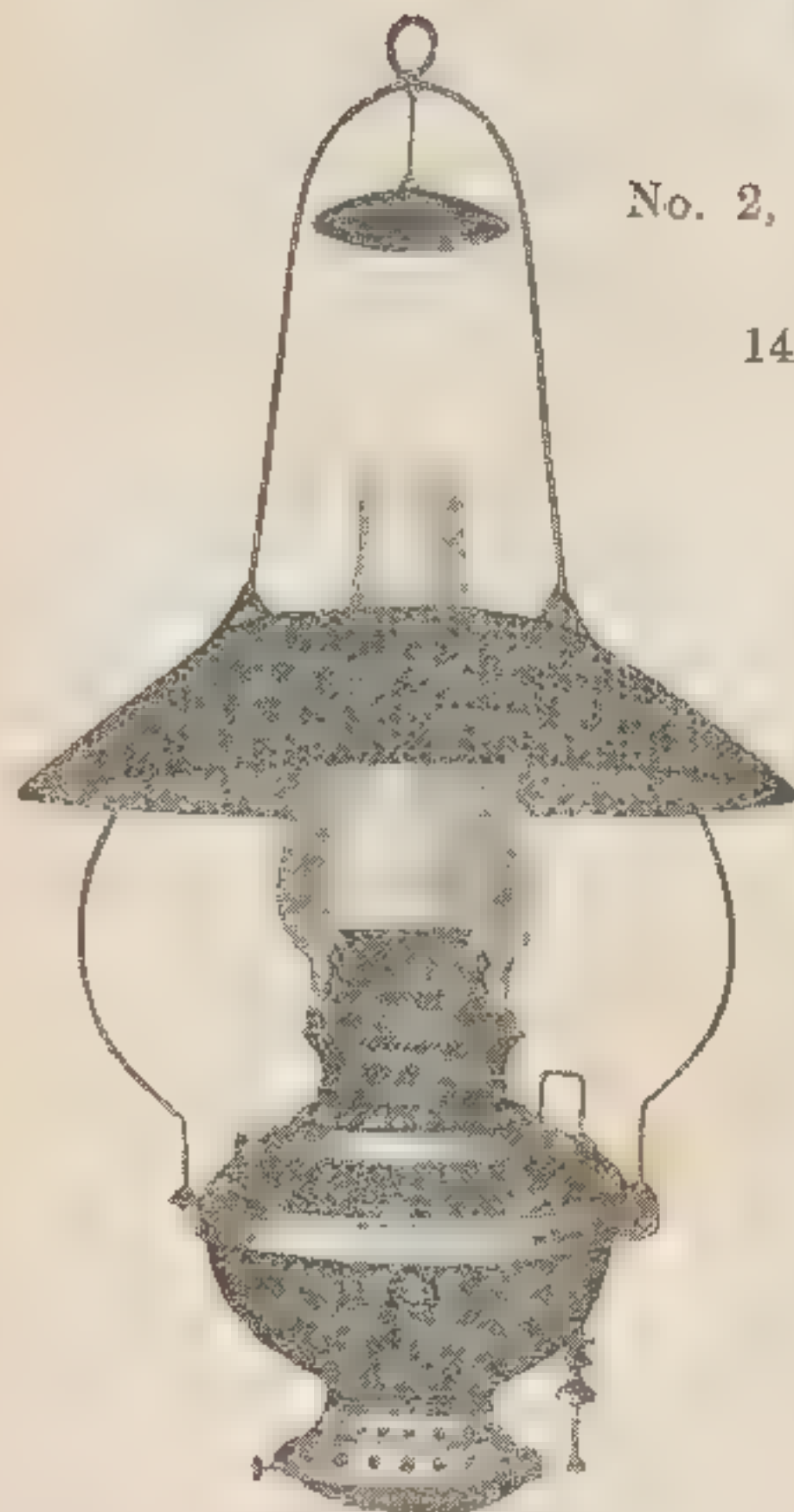
K128.
No. 2, New Juno Hanging
Lamp.
Nickel Finish.
14in. Dome Shade.



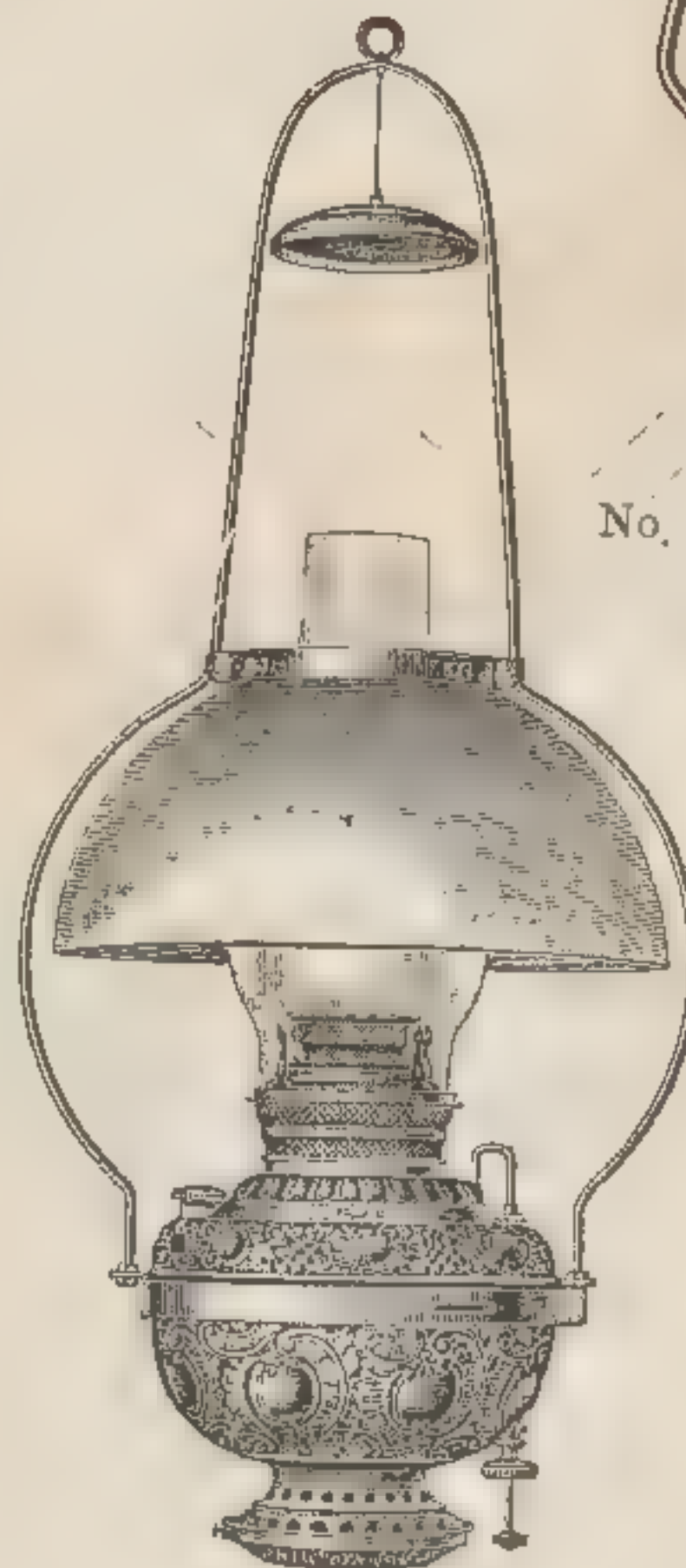
K126.
No. 2, Factory Hanging Lamp.
New Juno Burner, Brass
finish, 15in. Tin Reflector.



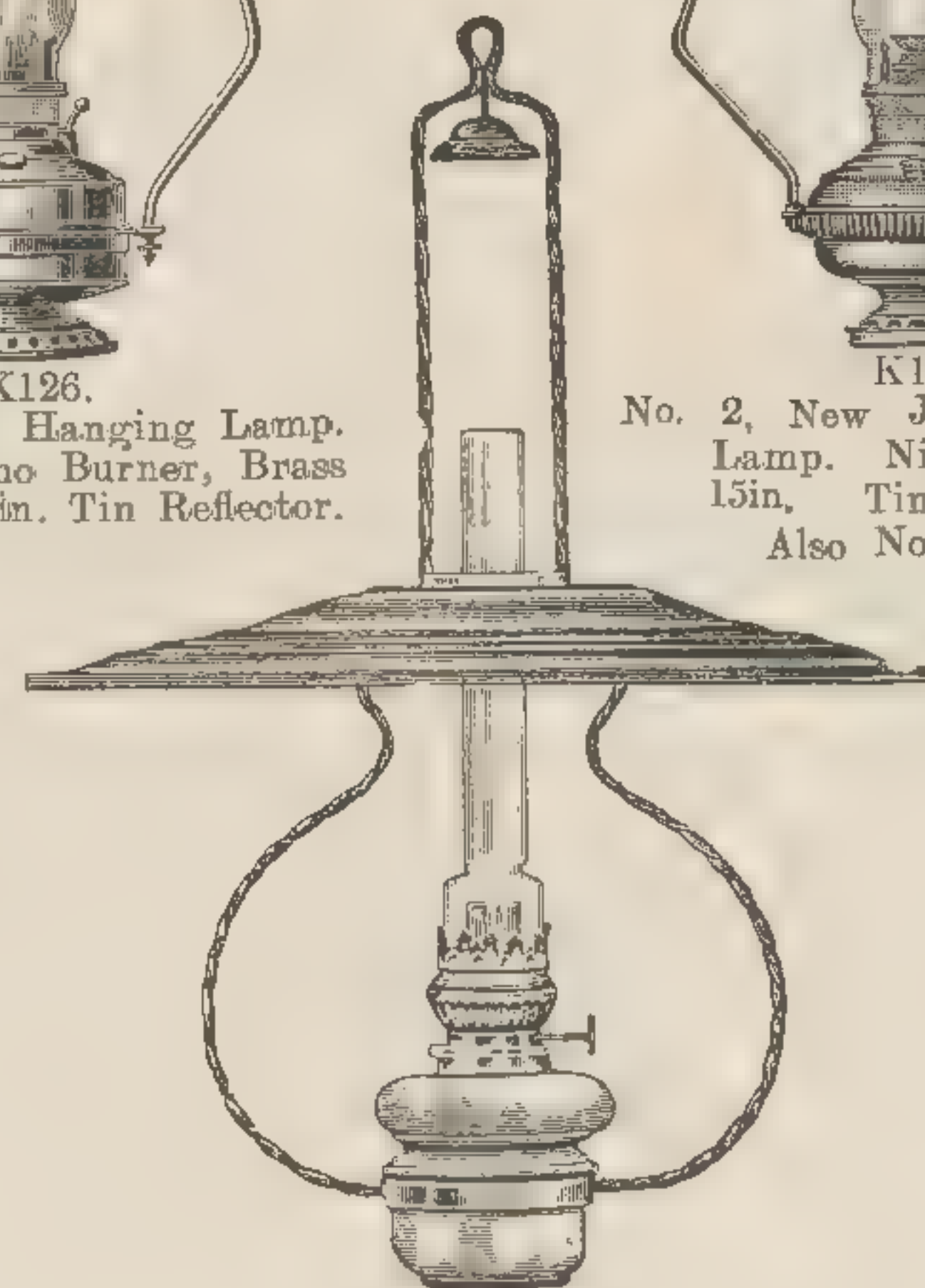
K130.
No. 2, New Juno Hanging
Lamp. Nickel Finish.
15in. Tin Reflector.
Also Nos. 0 and 1



KA97.
Miller "Mammoth," No. 3
With Tin Shade, 20in.

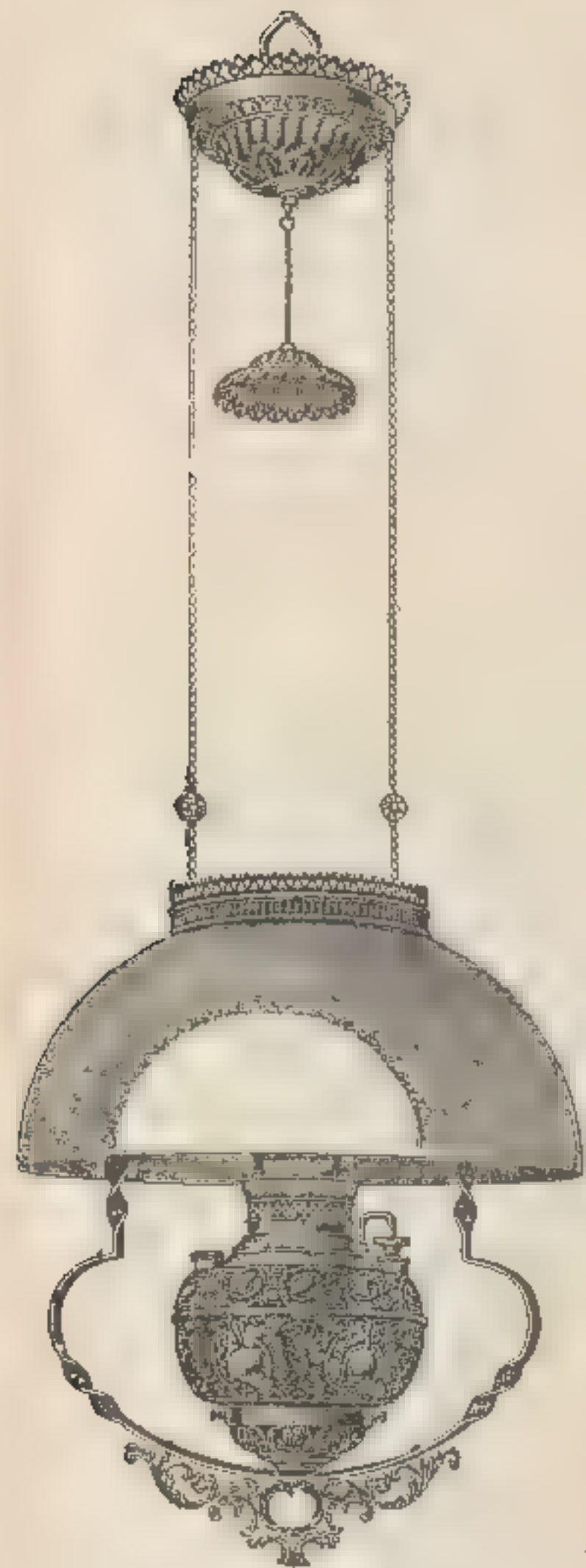


KA98.
Miller "Mammoth," No. 3
Opal Shade, 14 inch.



K160.
14 Line Kosmos Burner.
Assorted Colored Founts.

Hanging Lamps with Spring Extensions.



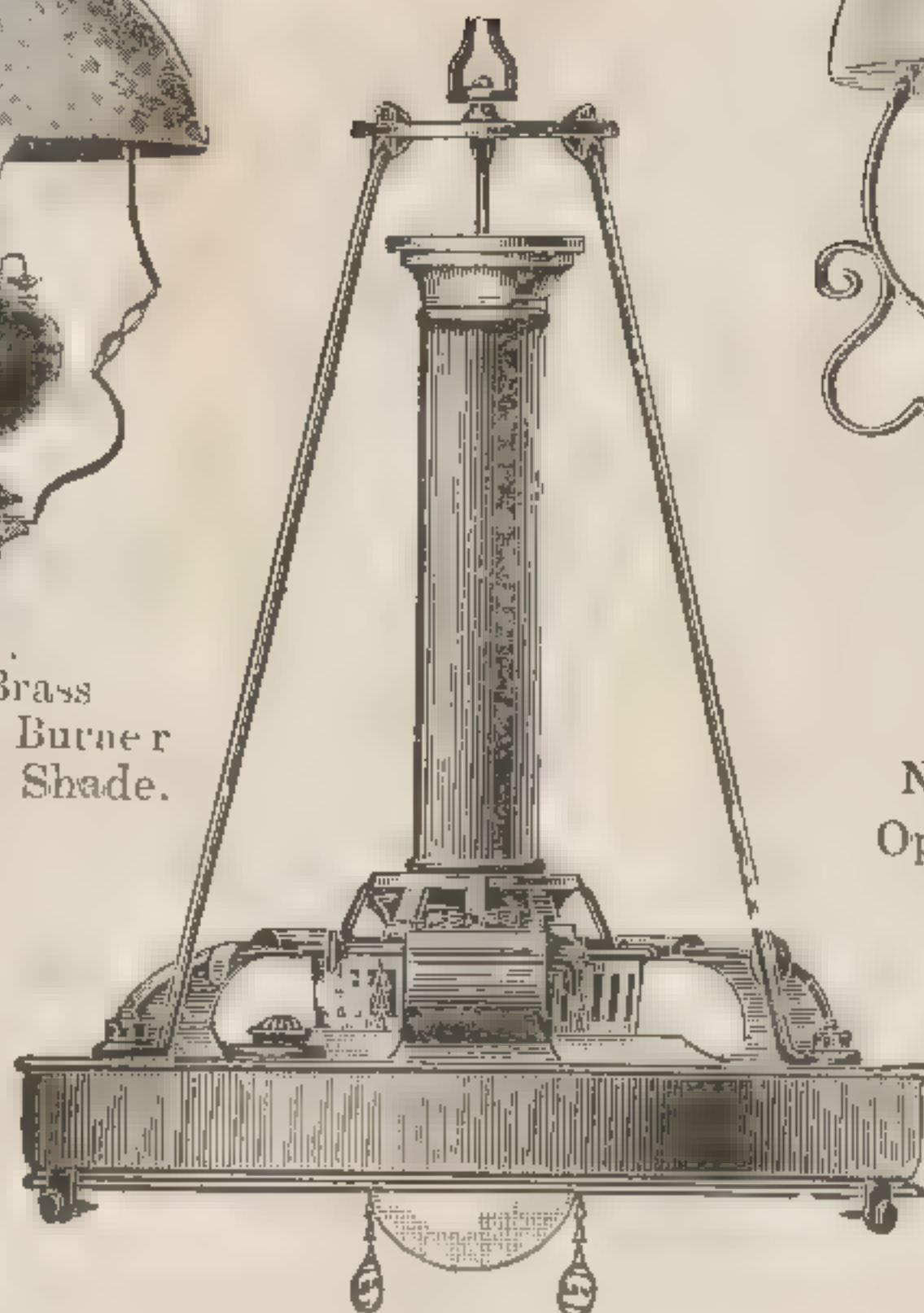
K122.
Polished Bronze Metal.
No. 2 Miller Burner.
14-in. Opal Shade.



K155.
Pulley Lamp, with
14 Line Kosmos Burners.
Opal Shade, 12 in.



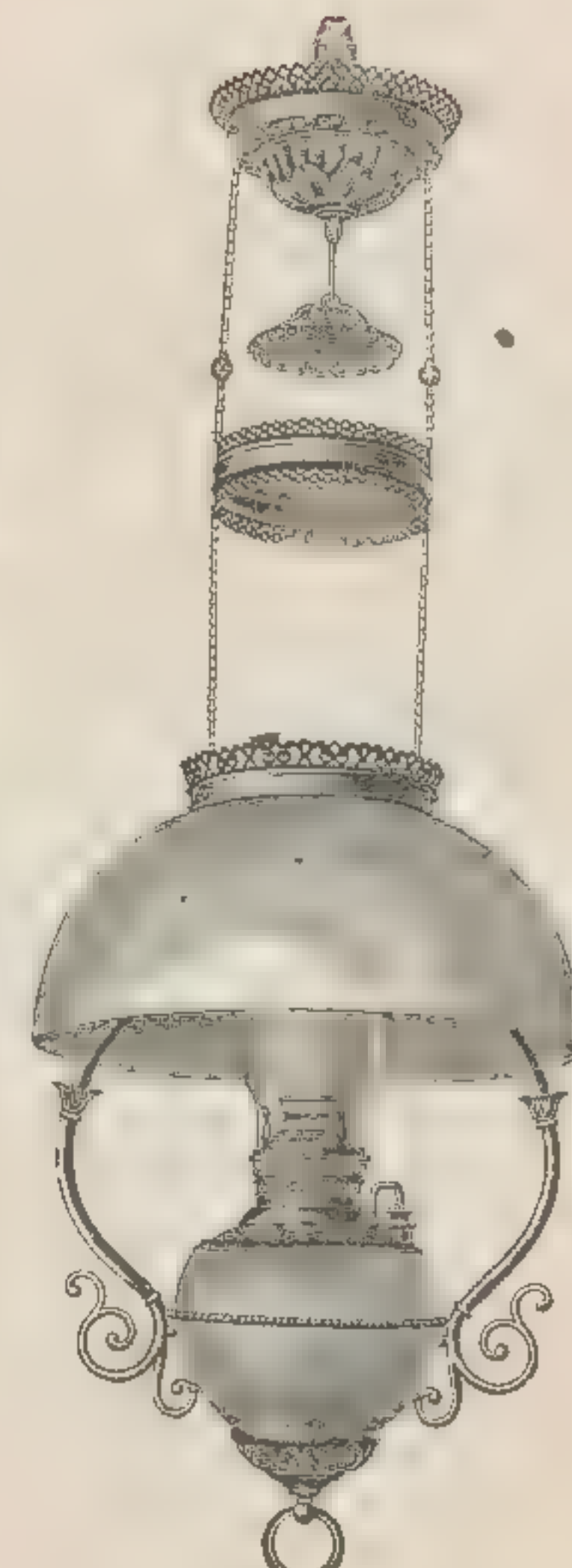
K131.
Polished Brass
No. 2 Miller Burner
14 in. Opal Shade.



K161.
Ross-Atkins' Shadowless Sunlight Lamp.
(No Extension.)



K129.
Polished Brass.
No. 2 Miller Burner.
Opal Shade, 14 in.

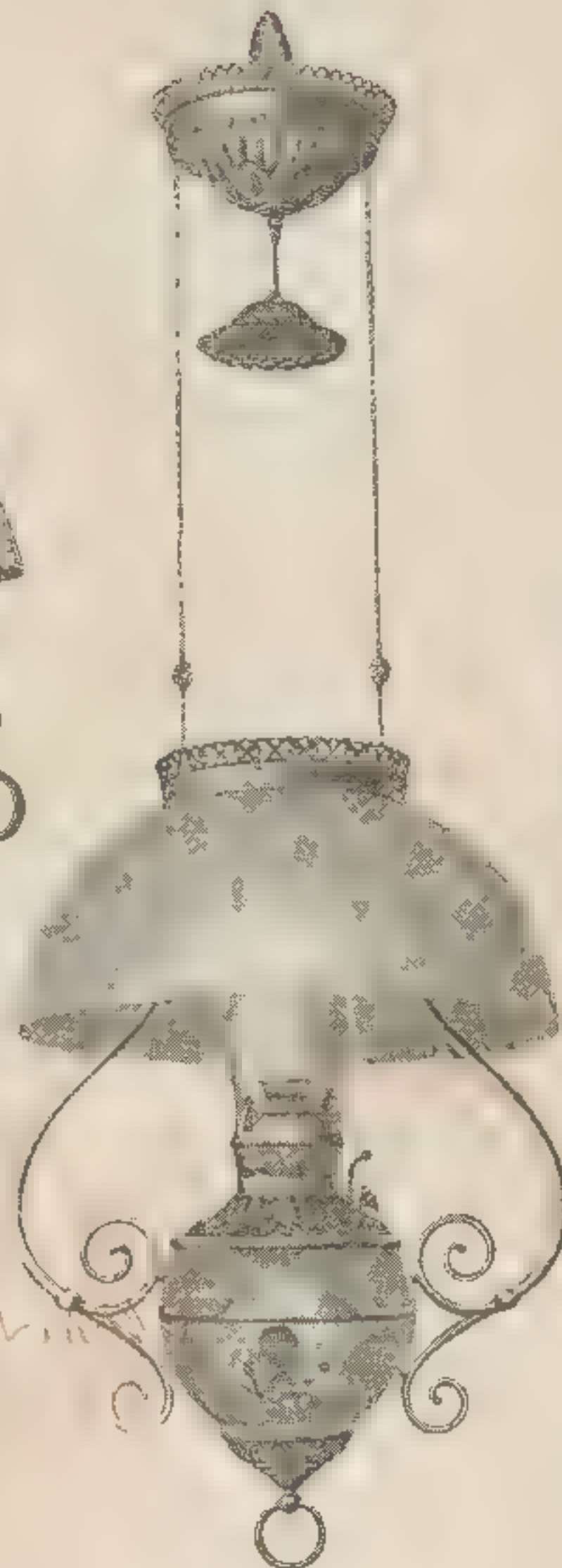


K123.
Polished Brass Enamelled
Vase.
No. 2 Miller Burner.
Opal Shade, 14 in.

Library Lamps, with Spring Extensions.



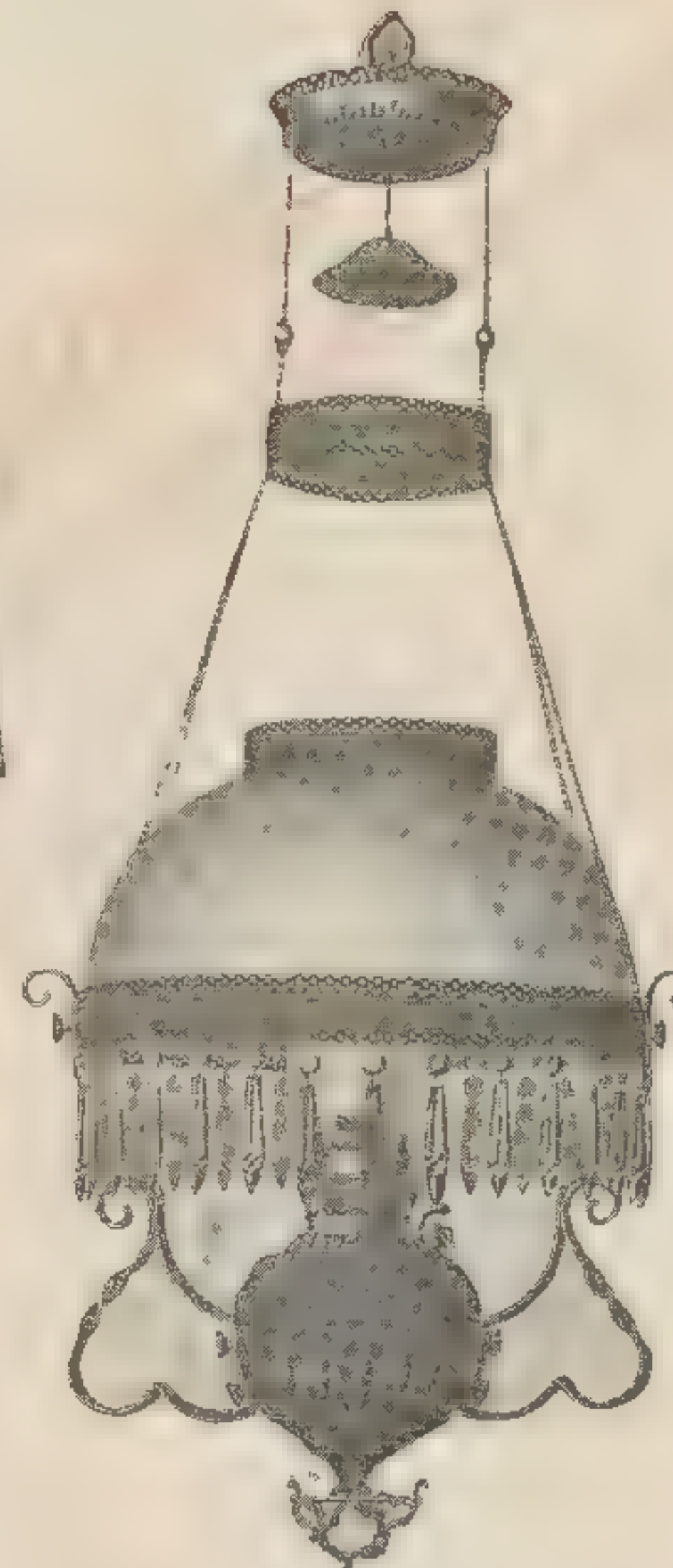
K121.
Painted Fount and
Shade.
Brass Finish.
No. 2 Miller Burner.



KA99.
Shaded Brass Vase.
Polished Gilt Finish.
No. 2 Miller Burner.
Opal Shade, 14 inch.



K124.
Painted Fount and Shade
14 inch.
D. Burner and Brass Finish.



KA100
Enamelled Brass Vase.
No. 2 Miller Burner, 30 cut-
glass prisms. Opal shade
14 inch.

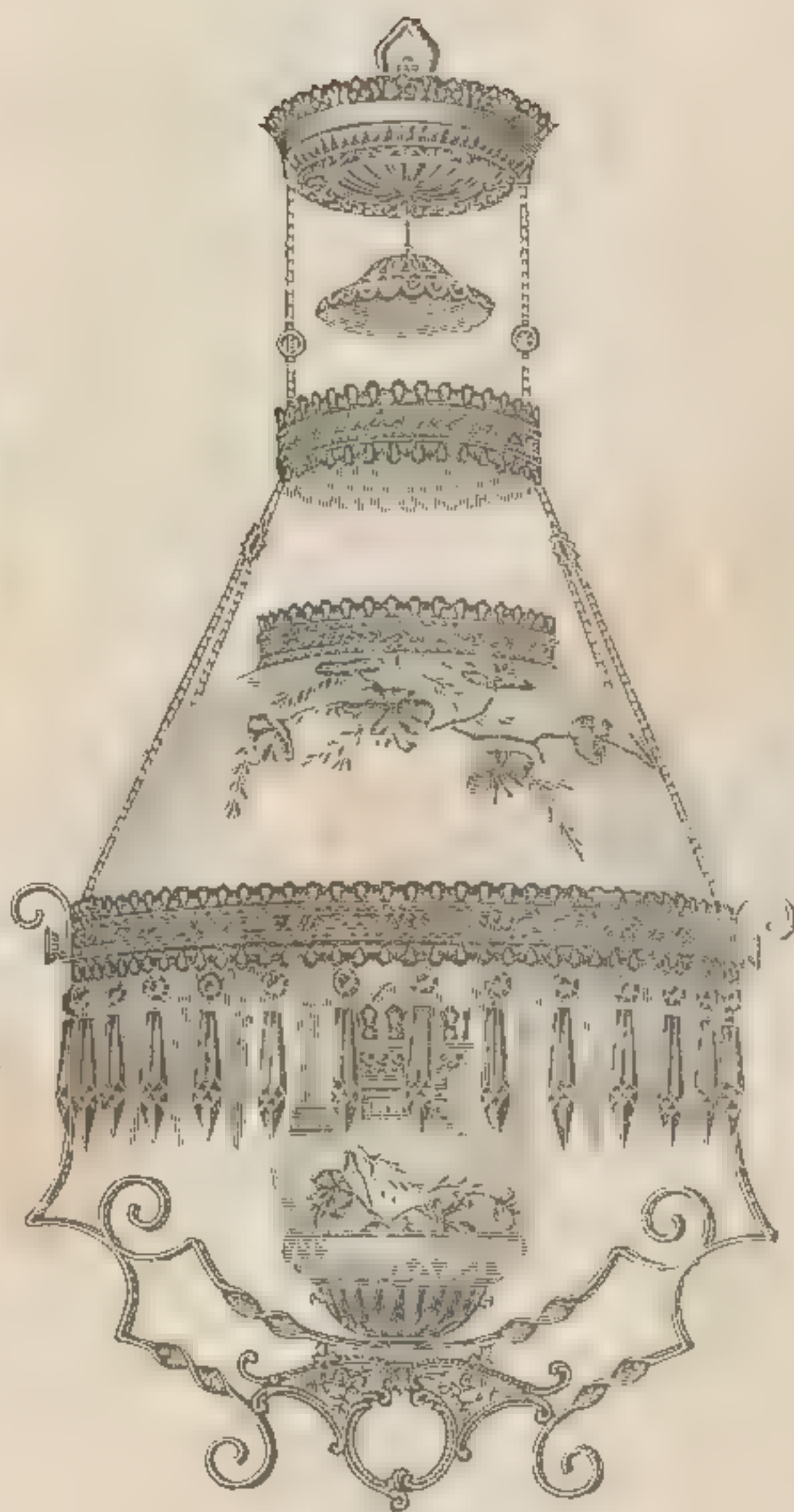


KA101.
Enamelled Brass Embossed Vase
No. 2 Miller Burner, 30 cut
glass Prisms. Opal Shade,
14 inch.

Library Lamps, with Spring Extensions.



KA102.
Painted Fount and Shade,
14 inch.
Polished Bronze Finish.
No. 2 Miller Burner.
30 Cut-glass Prisms



KA120.
Painted Fount and Shade,
14 inch.
Brass Finish, D. Burner.
30 Cut-glass Prisms.



KA103.
Polished Bronze Metal
Antique Vase.
No. 2 Miller Burner.
14 inch Opal Shade.
30 Cut-glass Prisms.



KA104.
Shaded Brass Vase,
Polished Gilt Finish.
No. 2 Miller Burner.
Opal Shade, 14 inch.
30 Cut-glass Prisms.



KA105.



K145.
In 3 Sizes—Tiny Juno
Nos. 01, 02.



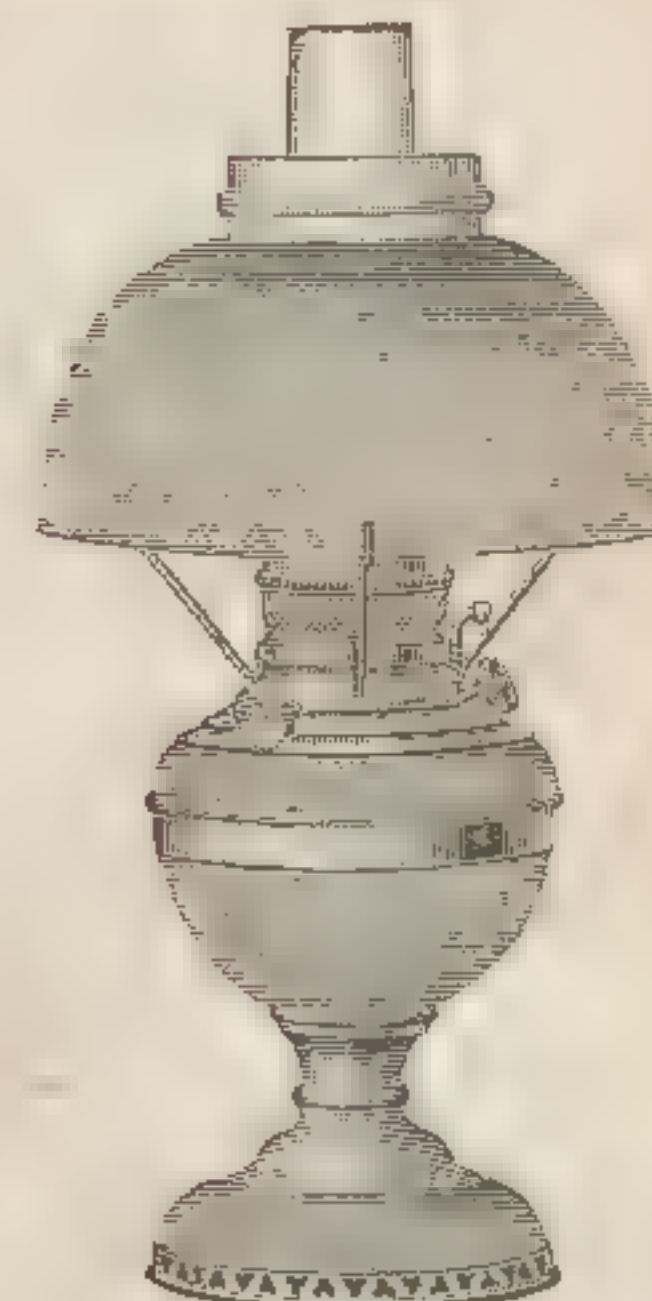
KA106.

ALL GLASS TABLE LAMPS
fitted with A. or B. Burners, complete with
chimneys.



KA107.

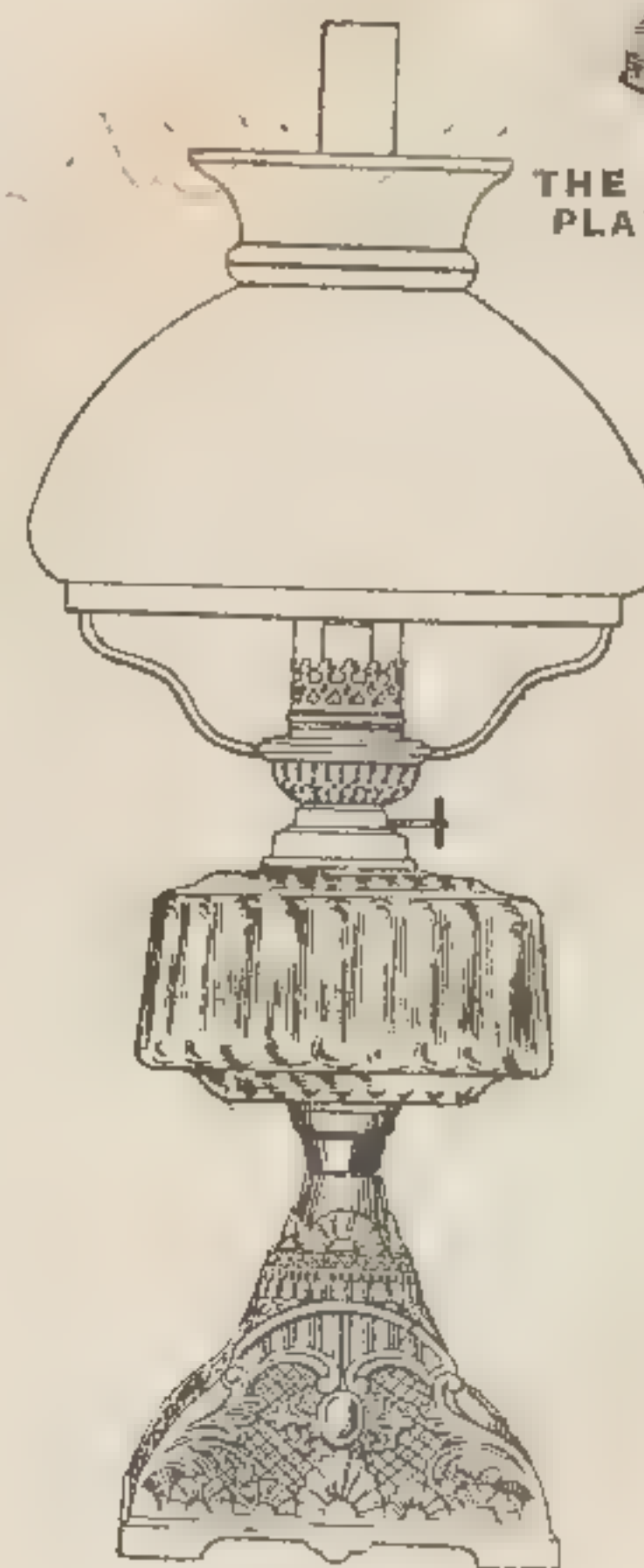
Table Lamps.



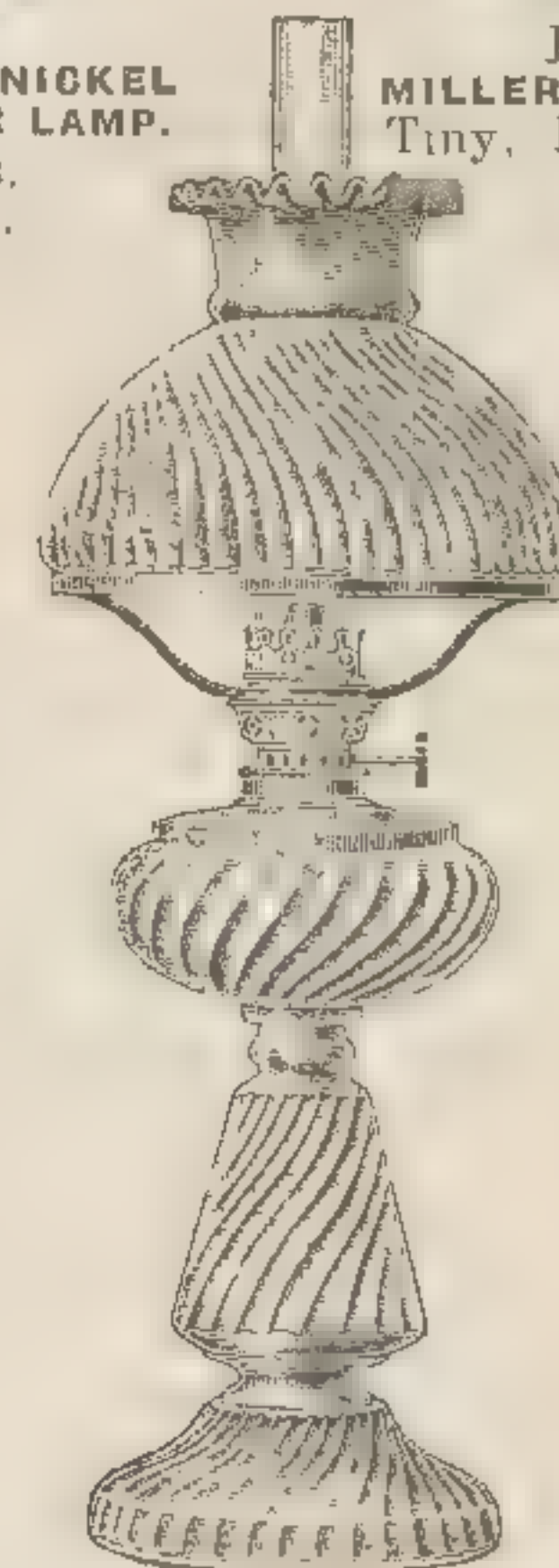
K137.
THE NEW JUNO NICKEL
PLATED PARLOR LAMP.
Tiny, Nos.
1 and 2.



KA106.
MILLER TABLE LAMP
Tiny, Nos. 0 and 1.



KA108.
14-line Kosmos Burner.
Assorted Color Founts.
Iron Stand.



KA109.
10-line Kosmos Burner.
All Opal Glass.

Table Lamps *Continued.*



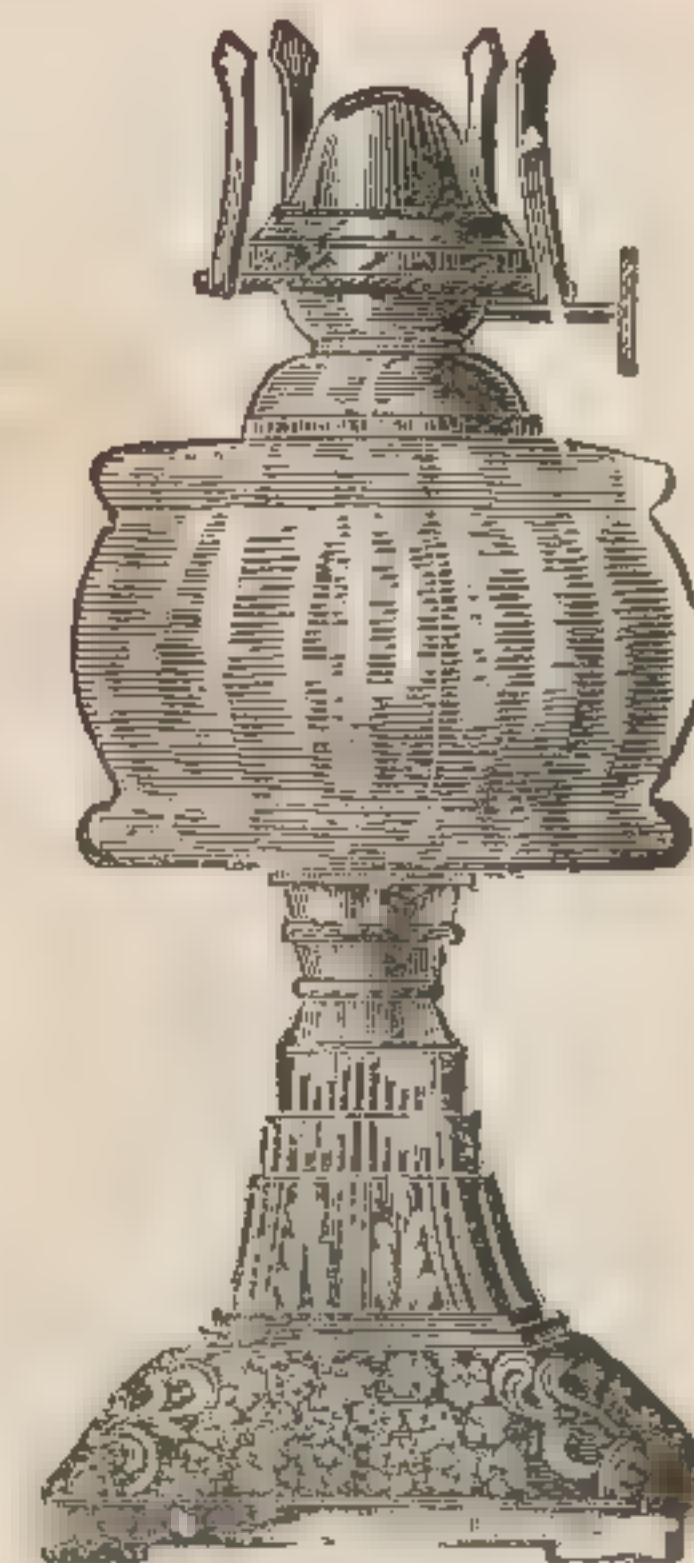
K157.
Decorated Founts. Assorted
Colors. Iron Stands.
A. or B. Burners.
Complete, with chimney



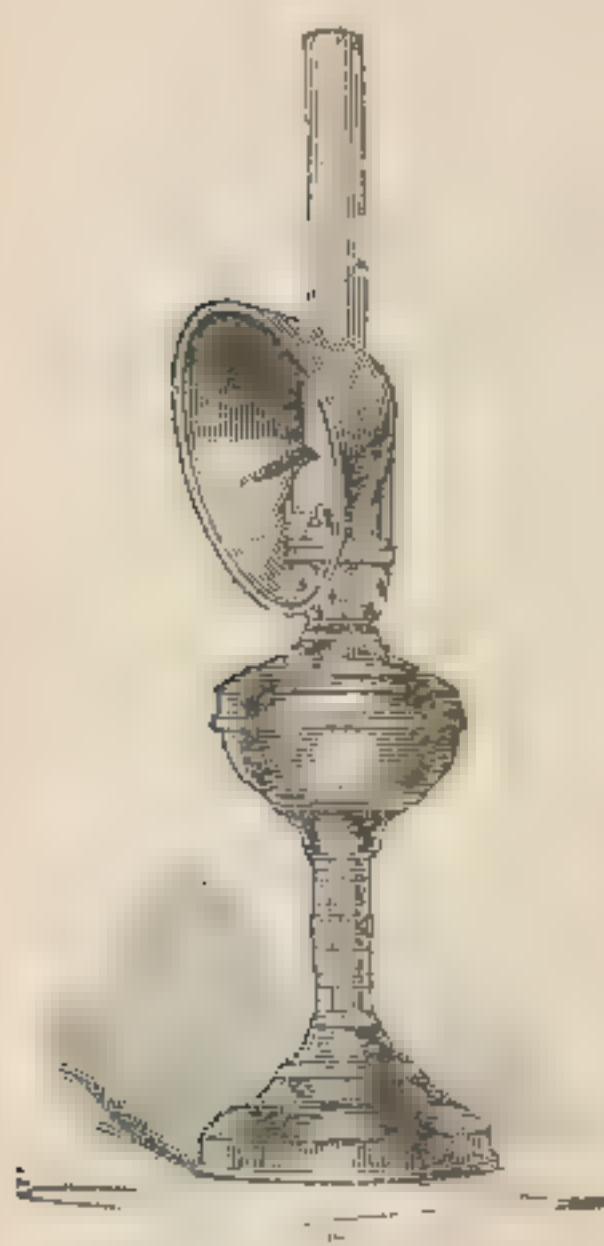
K110.
Glass Founts. Assorted Shades
Fancy Iron Stands.
B. Burner.
Complete, with chimney



K111.
Assorted Painted Founts.
Fancy Iron Stands.
B. Burner.
Complete, with chimney.



K156.
Assorted Optic Founts.
Fancy Iron Stands.
A or B Burners.



K177.
Reading Lamp
Nickel-plated.



K163.
Cut Crystal Fount.
Fancy Iron Stand.
A or B Burners.
Complete with chimney



K149.
"Luna" Lamp.
Nickel Finish. Can be used as
a Table or Bracket Lamp.

Table Lamps—Continued.

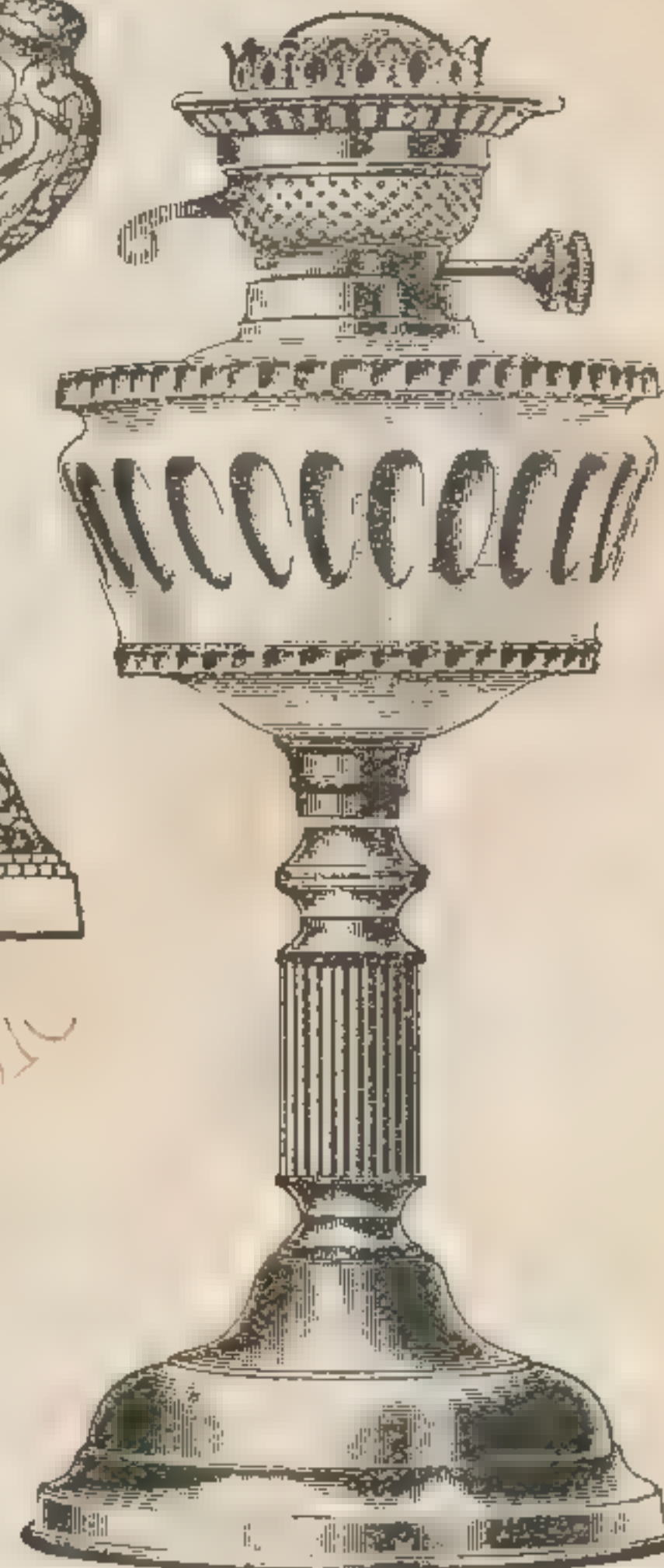
WITH DUPLEX BURNERS, CHIMNEYS AND GLOBES EXTRA.



KA112.
Moulded Glass Founts.
Iron Stands. B Burner.
Complete, with chimneys.



KA114.
Fancy Satin Fount.
Assorted Colors.
Iron Stand.



KA117.
Cut Crystal Glass Fount.
Brass Stand.

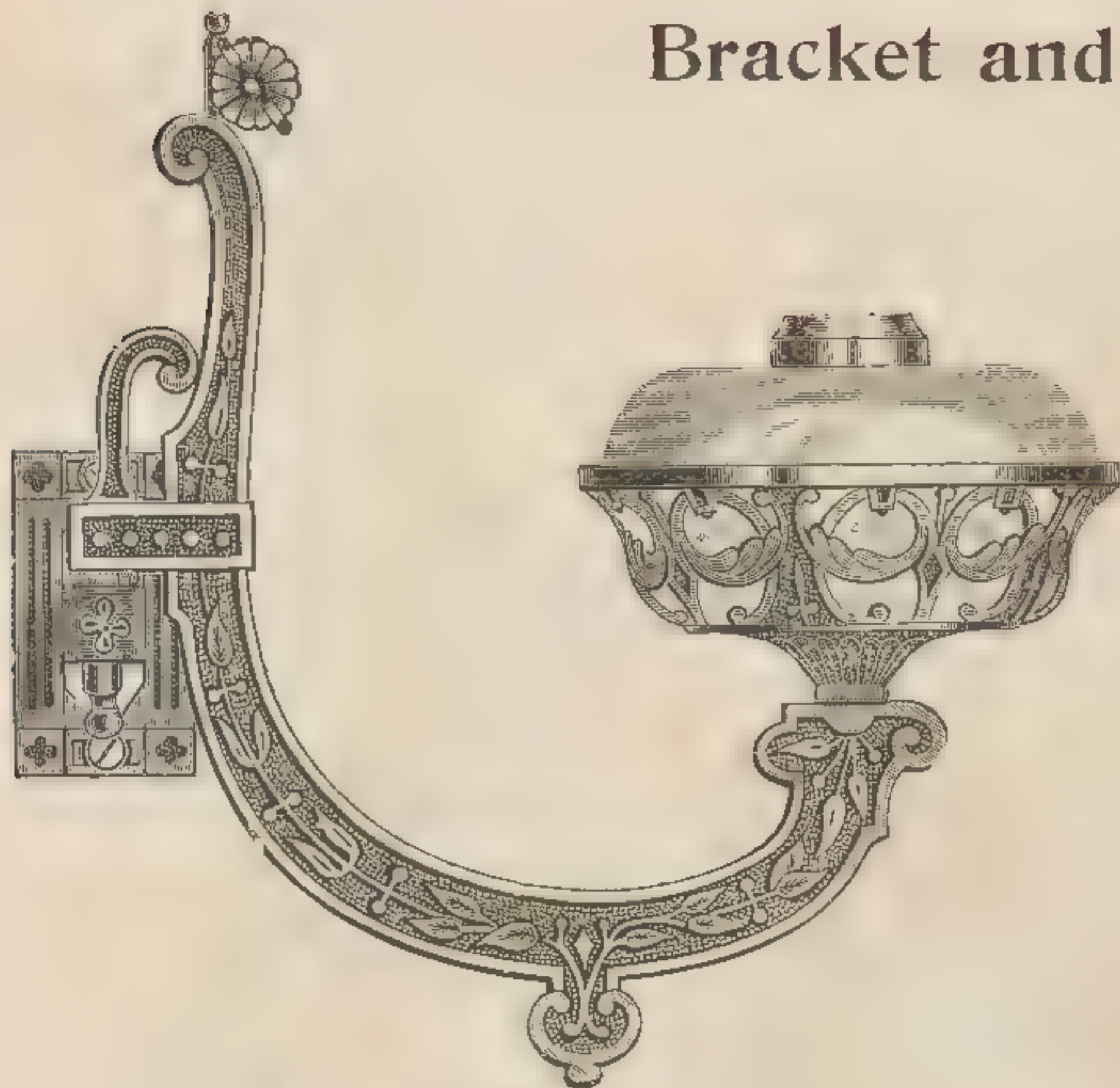


KA115.
Fancy Decorated Fount.
Ebonized Stand.



KA118.
Fancy Moulded Fount.
Ebonized Stand.

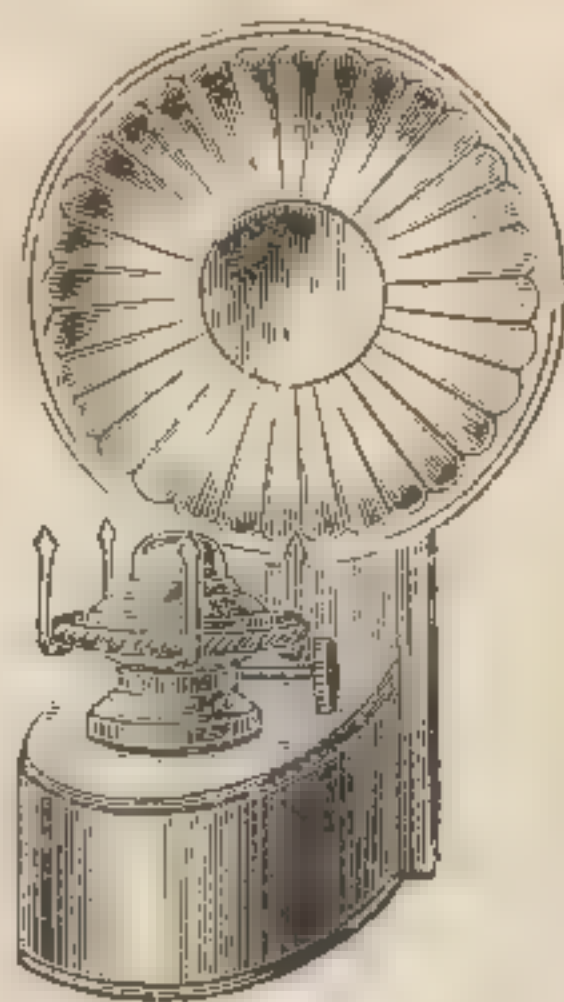
Bracket and Wall Lamps.



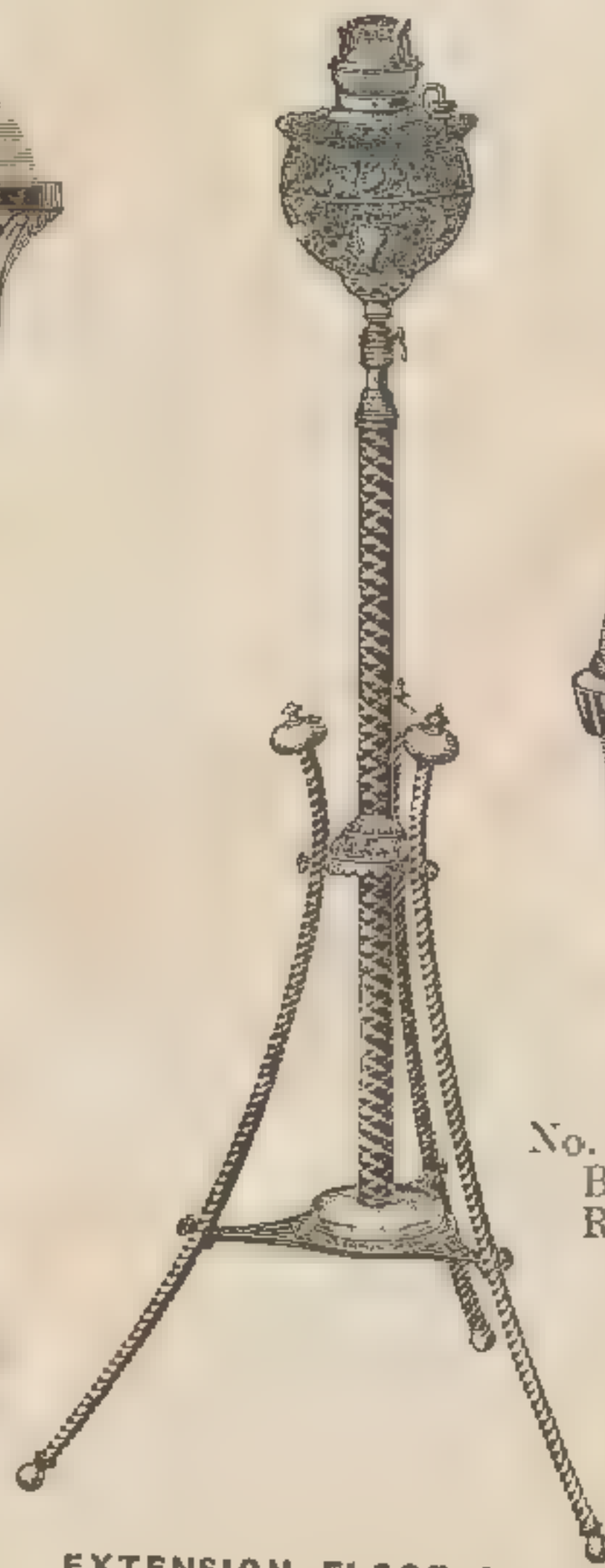
K174.
BRACKET LAMP.
With or Without Reflectors.
B. Burners.



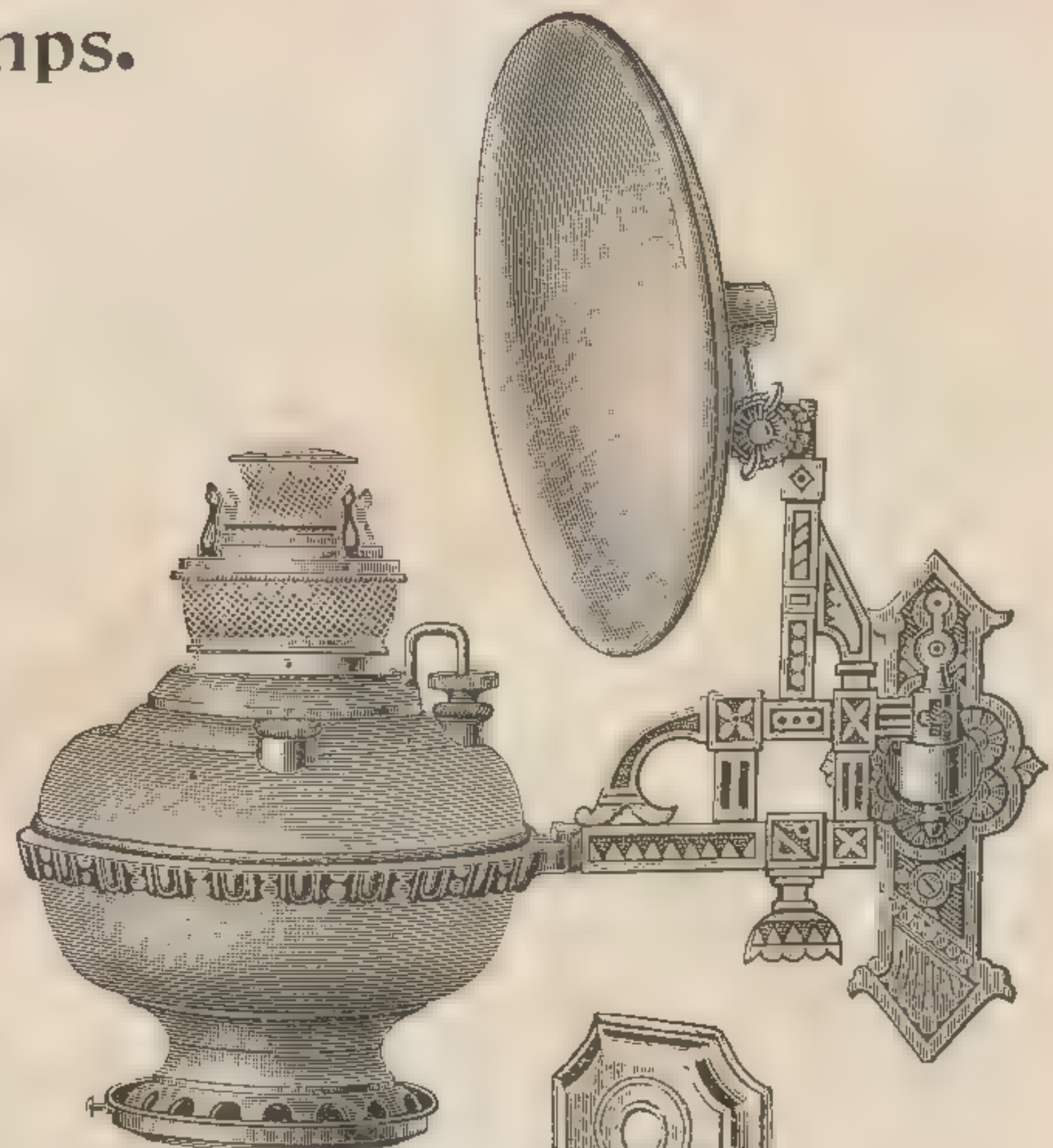
KA120.
SPRING EXTENSION FOR MILLER'S
HANGING LAMPS.
Nickel or Brass.



K159.
Japanned Tin.
Bright Tin Reflectors. A or B Burners.



EXTENSION FLOOR LAMP.
Various Designs.

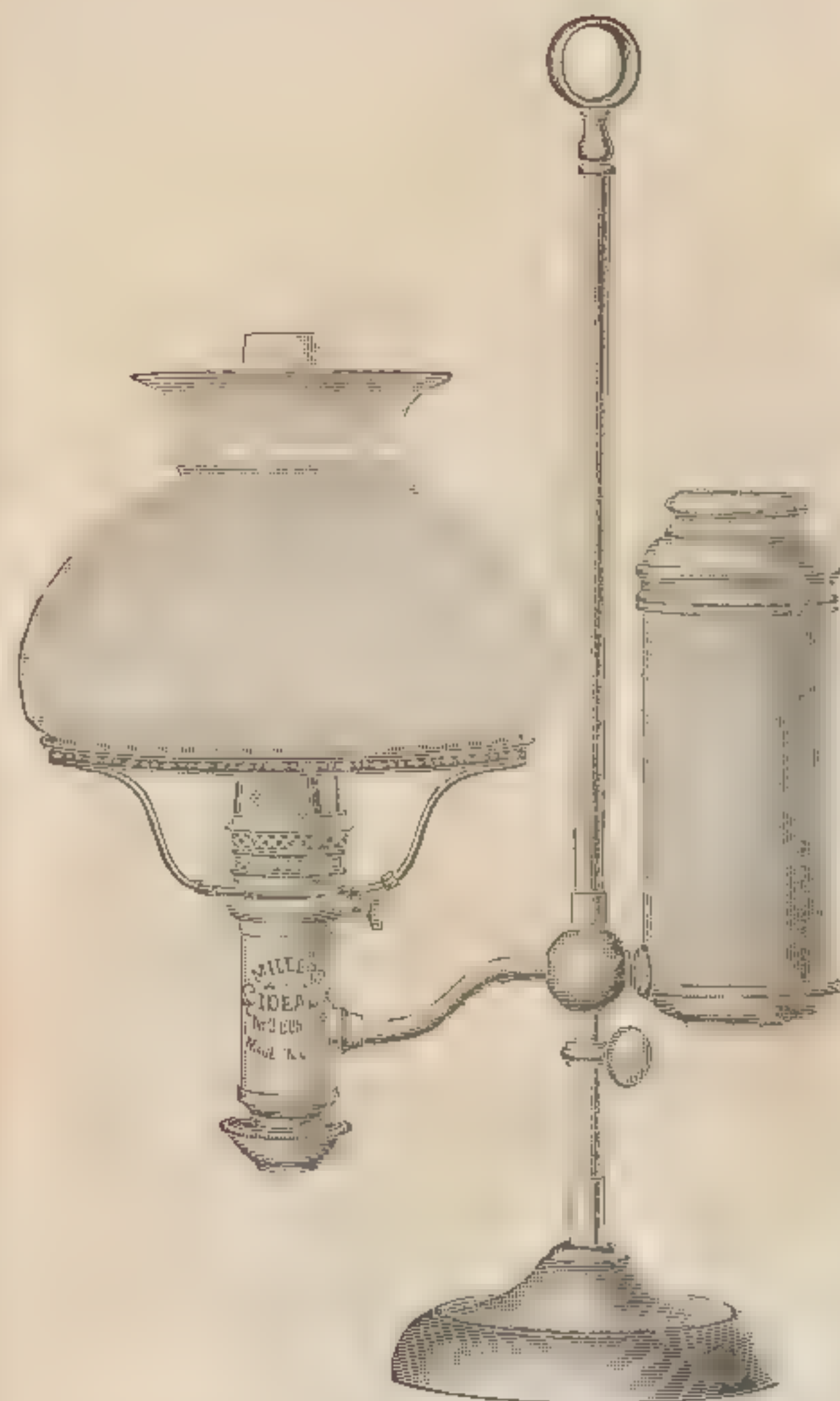


K146.
No. 2 MILLER Fount, Nickel
Bracket, 7in. Silvered Glass
Reflector.

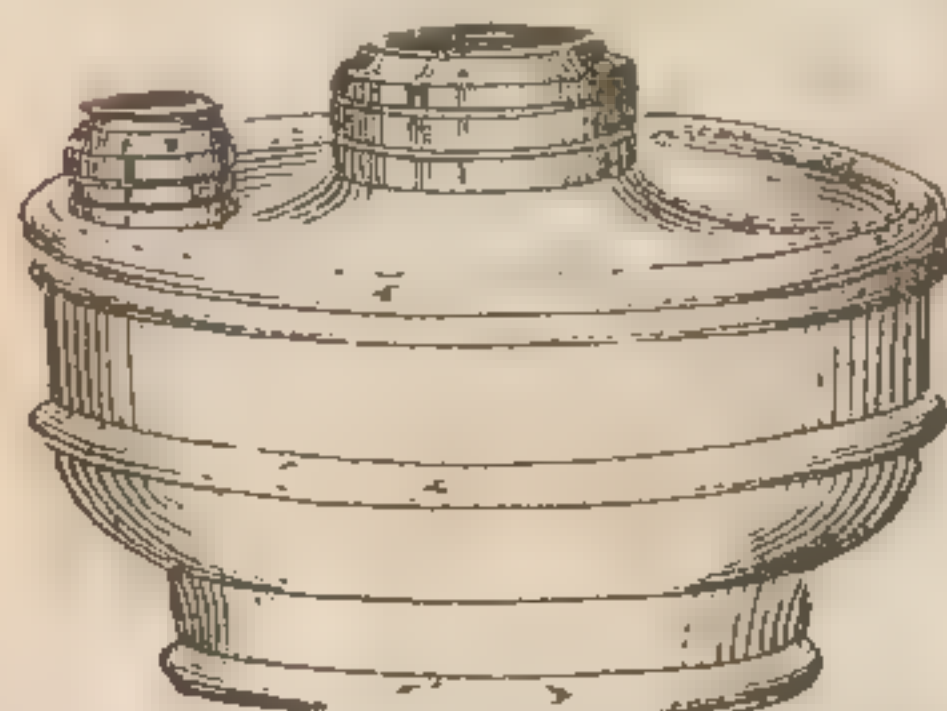


KA119.
MIRROR BACK LAMP.
A or B Burners.
Bronze Finish.

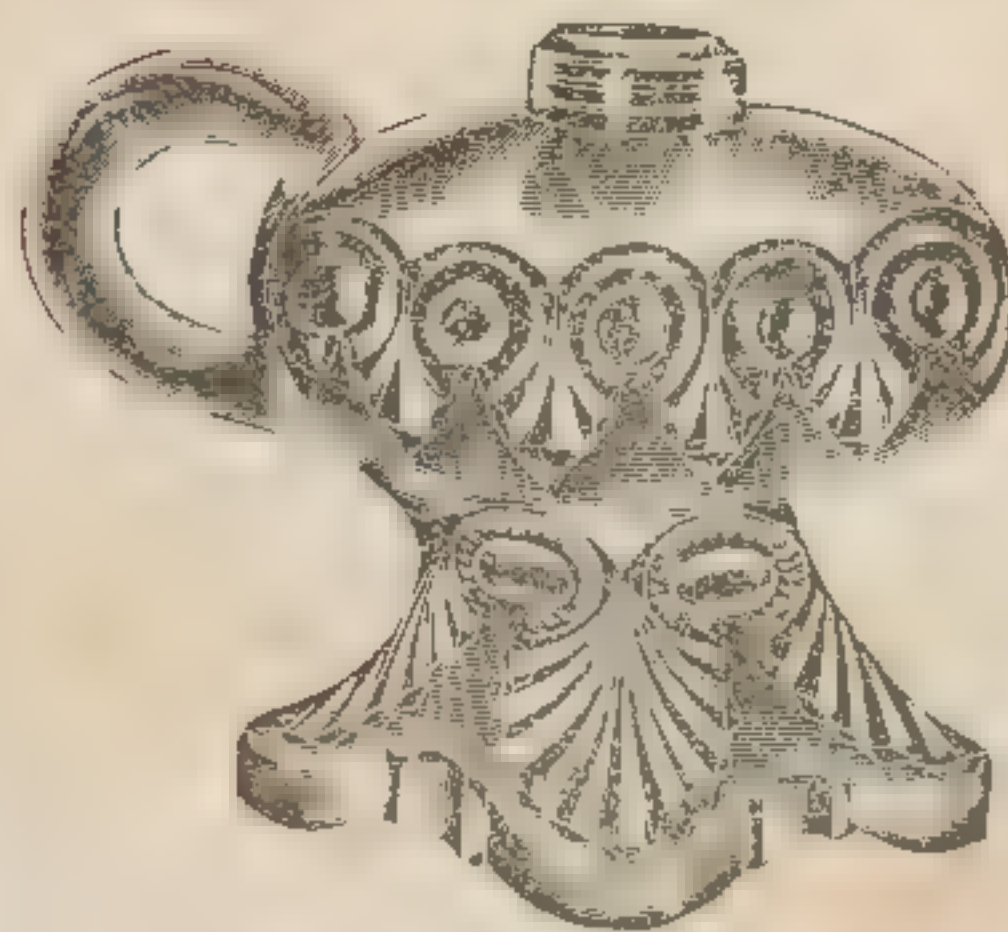
Lamps, Various.



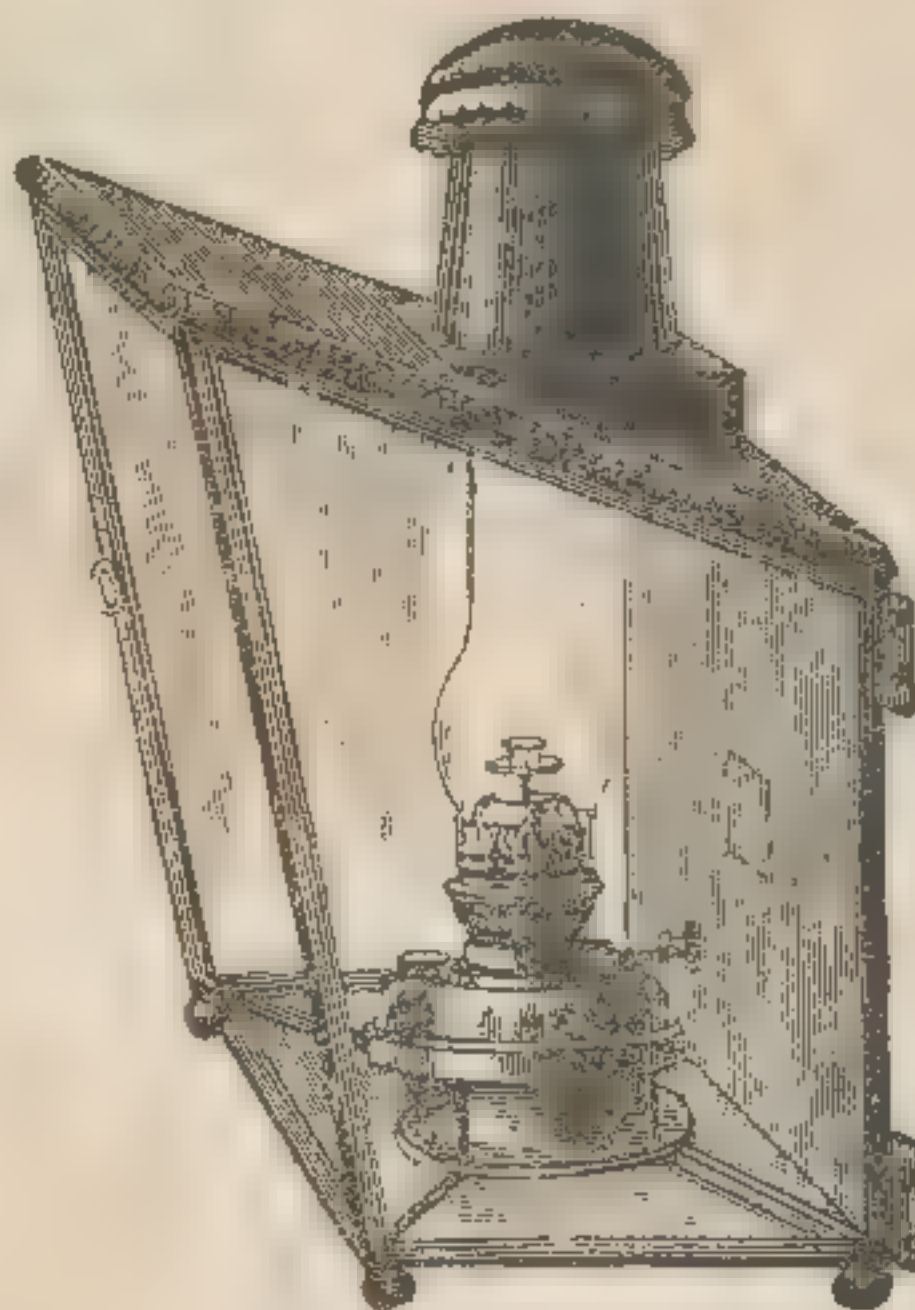
K144.
No. 0. VESTAL READING LAMP.
Fitted with No. Rochester Chimneys,
7 inch Opal Shade.



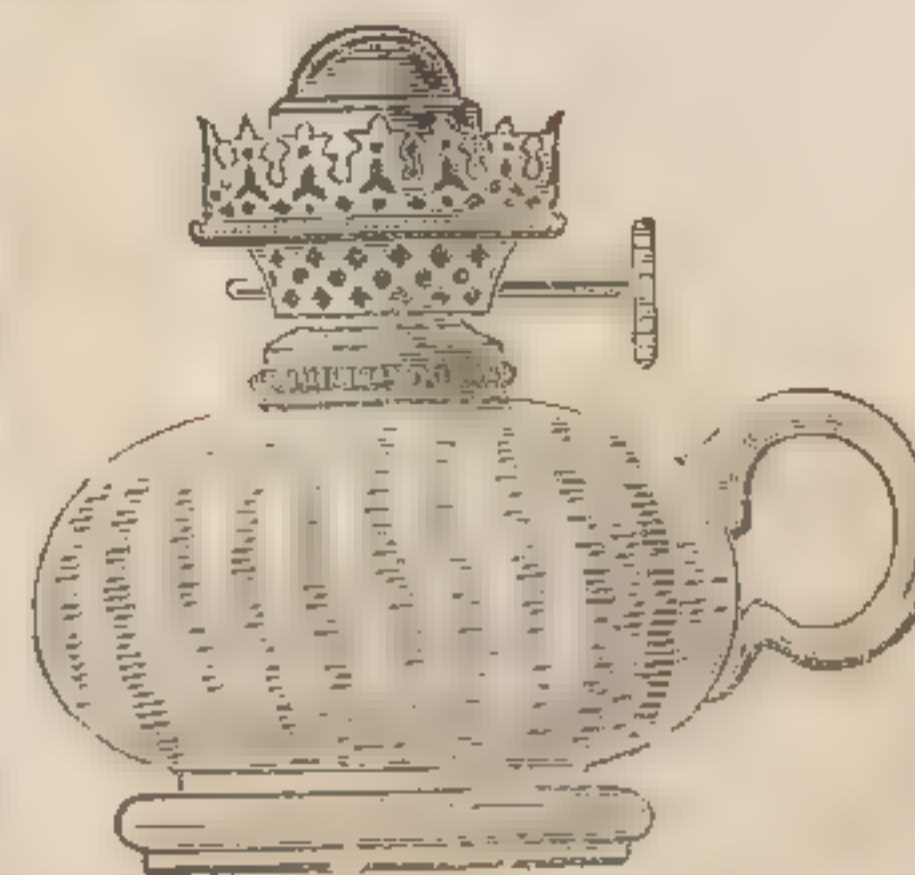
KA122.
GLASS BRACKET FOUNT.
For B or D Burner.



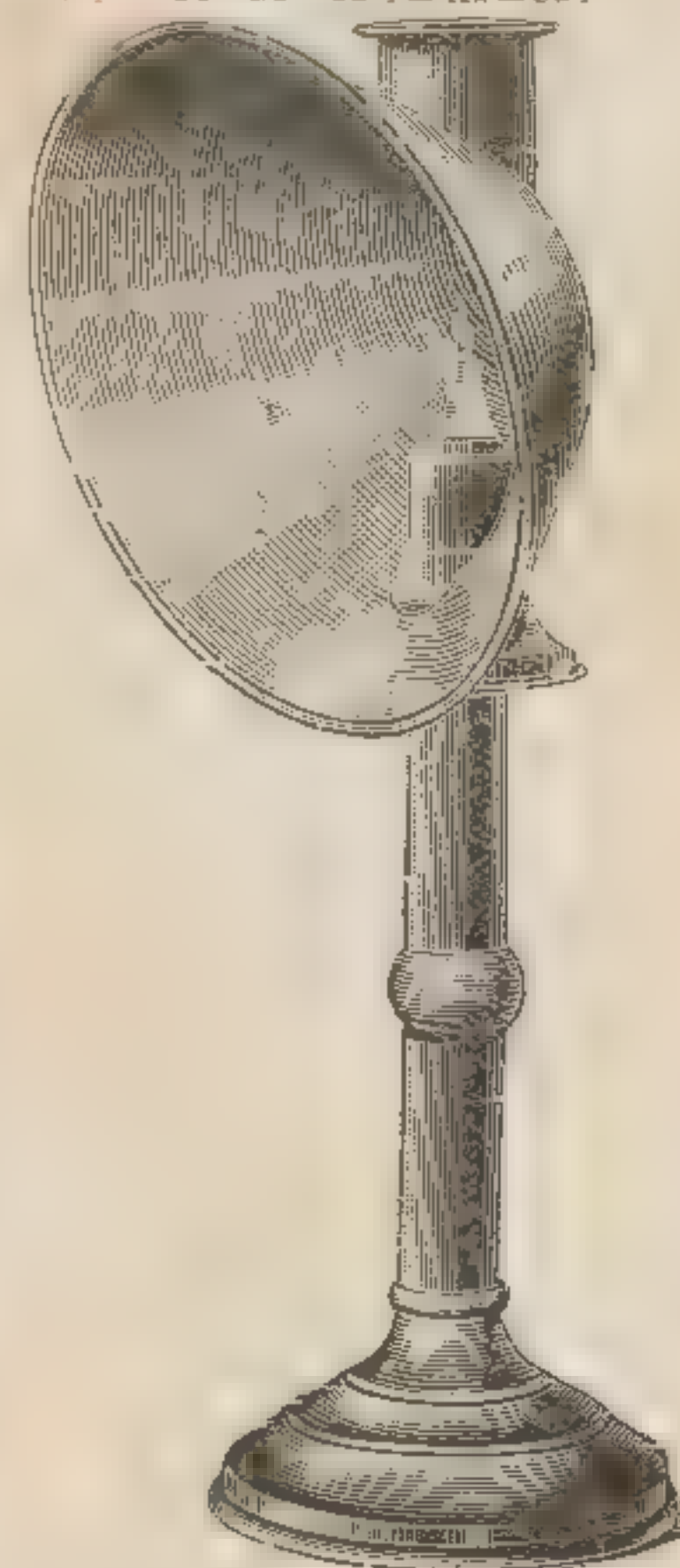
KA121.
ALL GLASS HAND LAMP.
Flint only.
E or A Burner.



K181.
OUTSIDE LAMP.
To throw light into window.
Made with one or two
Burners.



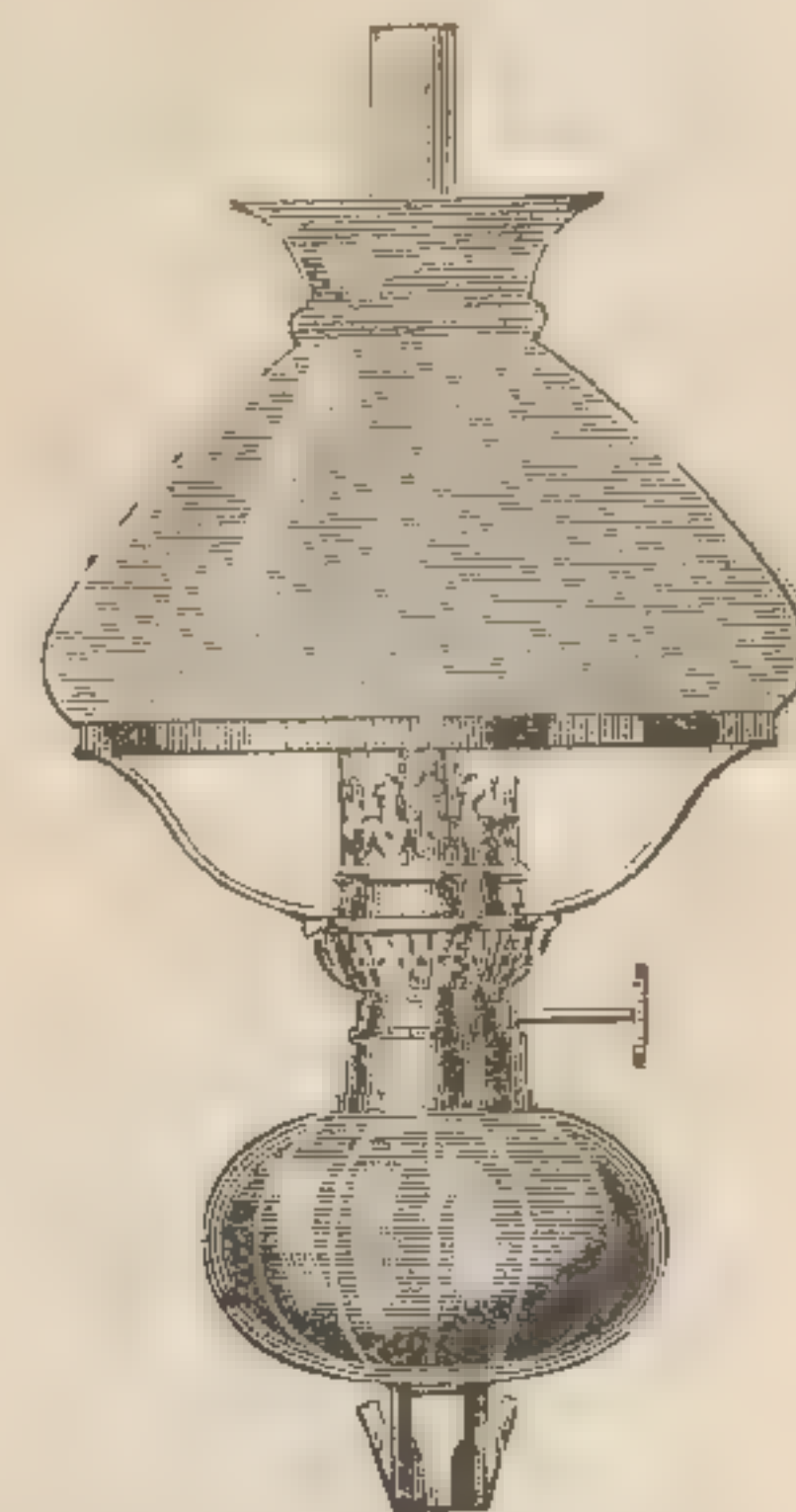
K169.
HAND LAMP.
Hand Lamp. Assorted Optic Fount.
E or A Burner.



K167.
CANDLE READING LAMP.
Nickel Finish.



K141.
HAND LAMP.
Painted Fount.
E or A Burner.

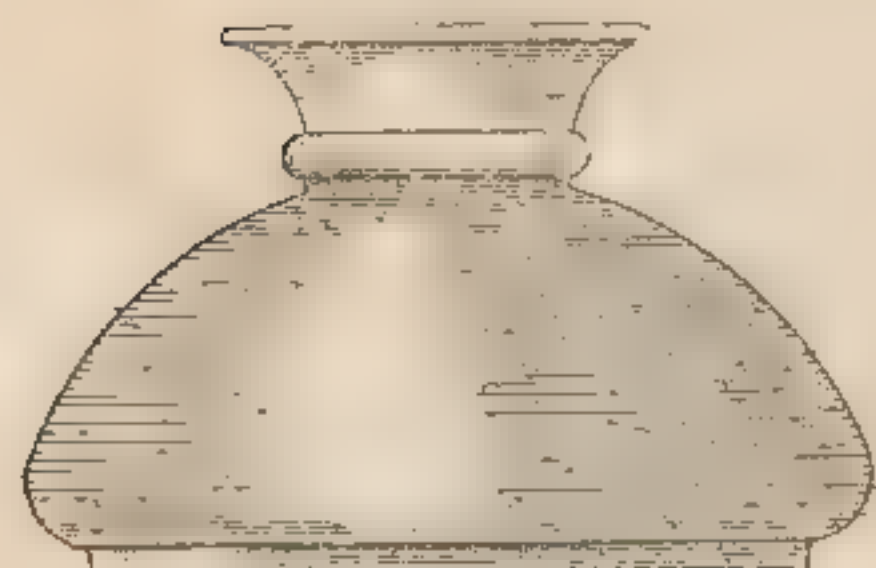


K123.
PIANO LAMP.
To fit into Piano Sconce, with
6 line Kosmos Burner.
6 in. Opal Shade.

Lamp Burners and Globes.



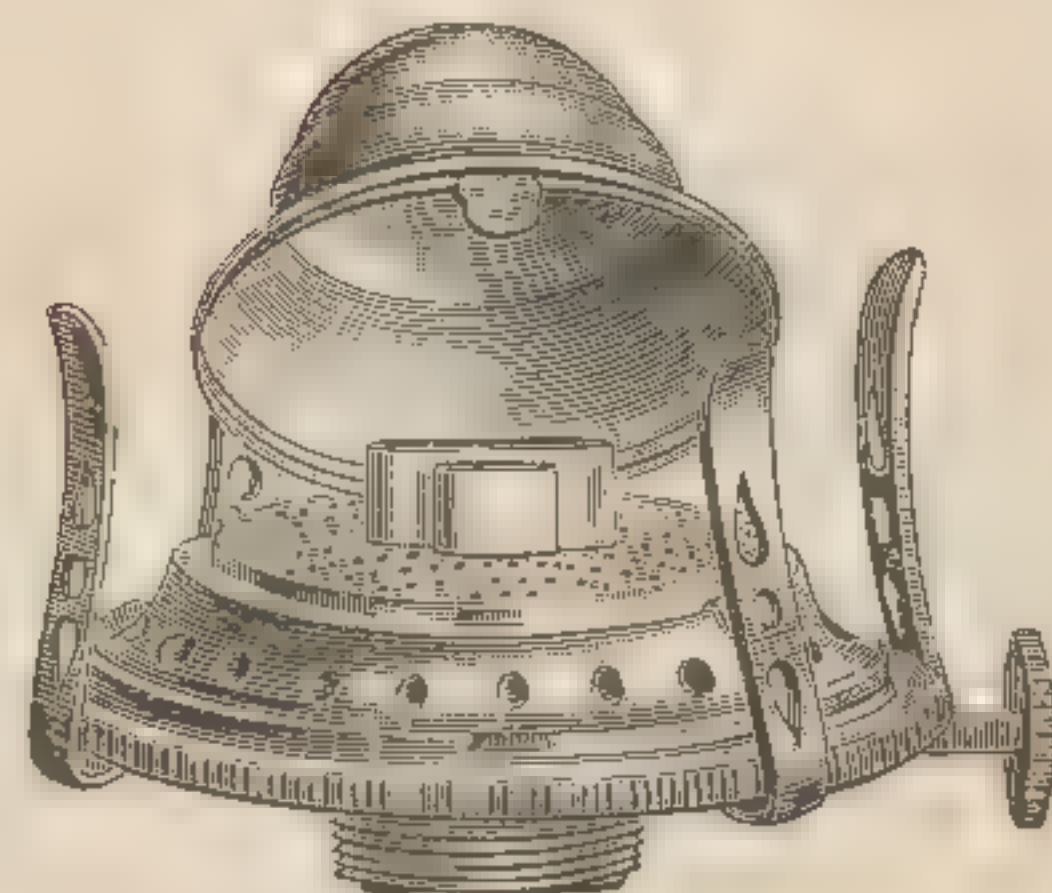
K172.
HERO BURNER.
Similar to No. 2 Rochester.
Fits B or D Collar.



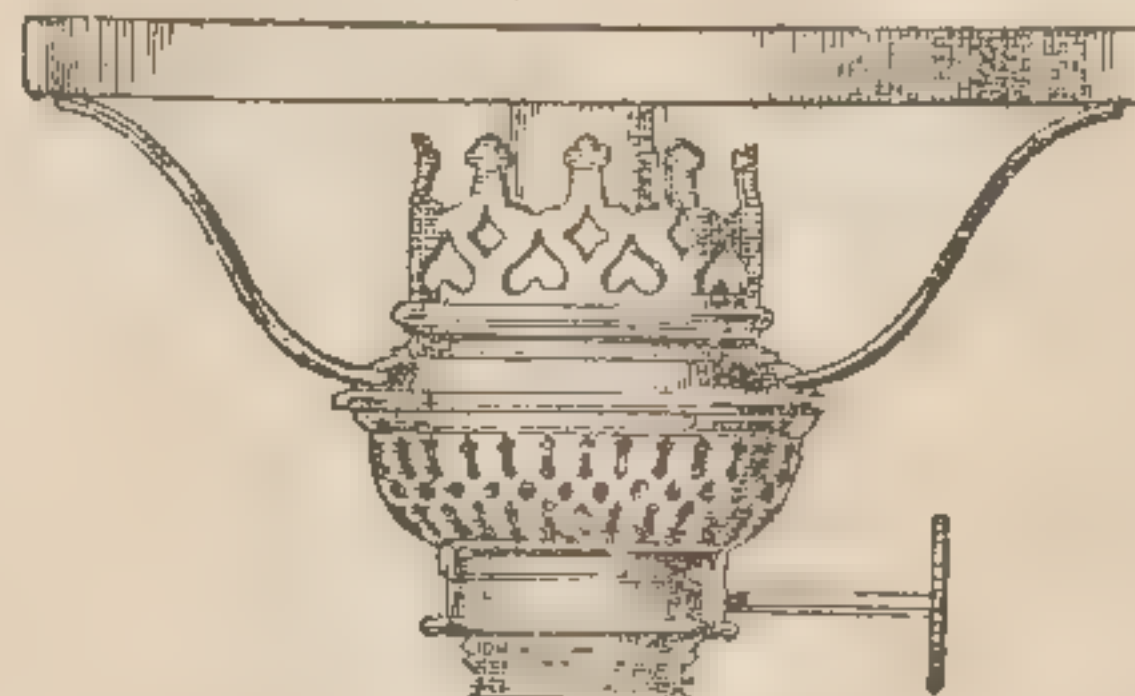
KA126
BONANZA SHADE
7 and 7½ inch.



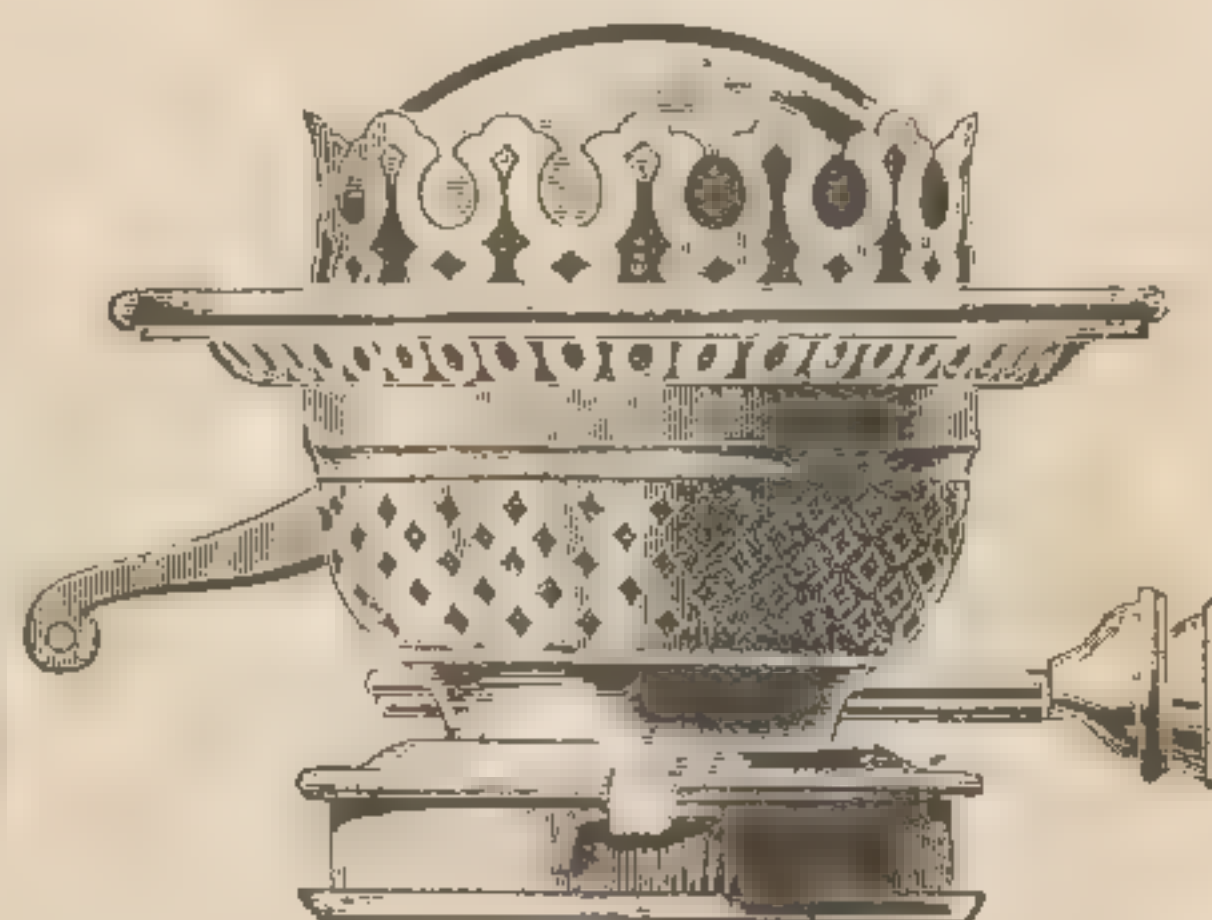
KA133.
2½ and 3 in. fitting.
BONANZA ILLUMINATORS.
To fit 7 and 7½ inch Shade.



K171.
VENUS BURNER.
It takes 7-16 wick and 2in chimney
A " 5 " 2½in. "
B " 15 16 " 3in. "



KA125.
KOSMOS BURNER.
6, 8, 10, 12, 14, 16 line.



KA124.
DUPLEX BURNER.
To Clip or Screw on.



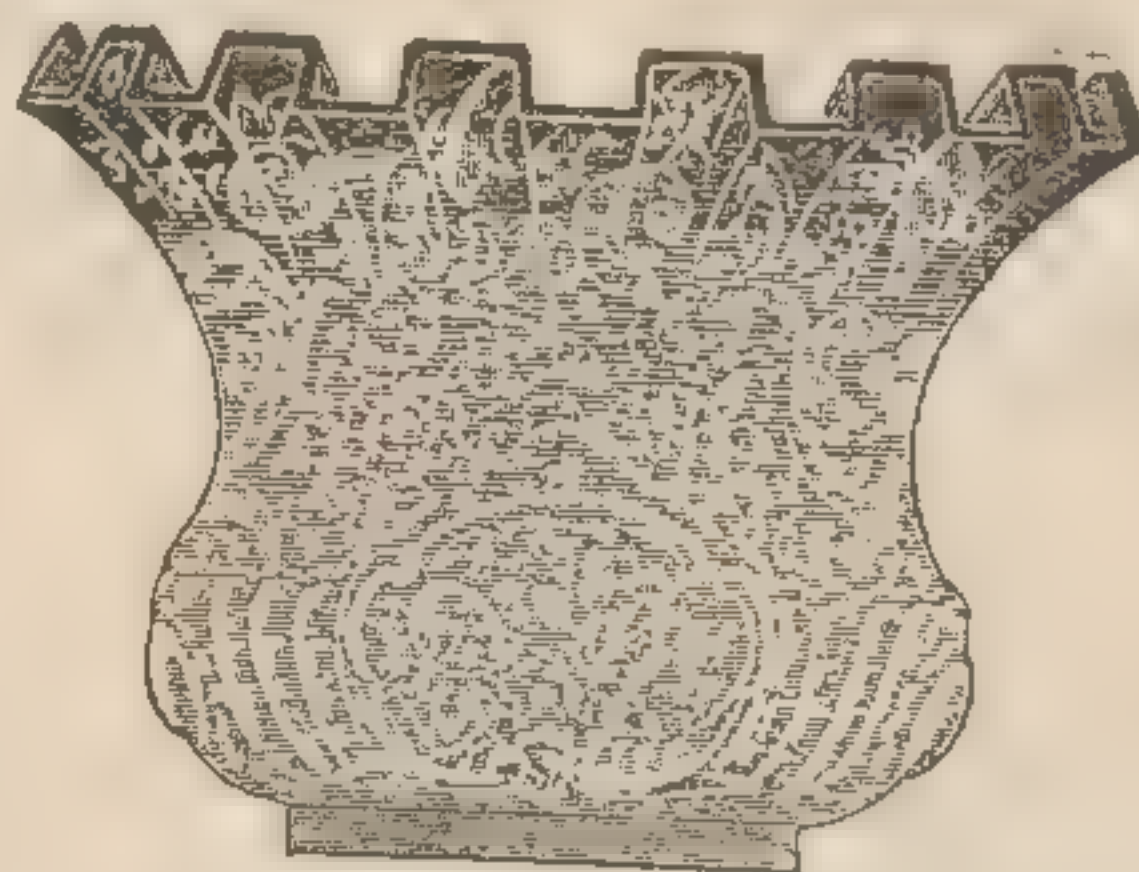
TRADE MARK
READY TO LIGHT,
WITHOUT
REMOVING CHIMNEY.
K147.
NEW JUNO BURNER.



K129.



KA128.



KA132.
DUPLEX GLOBES.—4 inch Fitting.



KA131.



KA130.

Lamp Chimneys and Wicks.



K188.
CORONA AND
LABASTIE.
E 2 inch.
A 2½ inch.
B 3 inch.



KA134.
SUN BULGE
FROSTED.
B 3 inch.



K186.
LOTUS.
E 2 inch.
A 2½ inch.
B 3 inch.



K187.
STRAIGHT COMET.
E 2 inch.
A 2½ inch.
B 3 inch.



K190.
DUPLEX.
2½ inch.



K185.
ROCHESTER.
No. 0, 1½ inch.
No. 1, 2 inch.
No. 2, 2½ inch.
No. 3, 4 inch.



K191.
GEM.
1½ inch.

IF YOU REQUIRE ANY CHIMNEY NOT SHEWN HERE, GIVE
US A ROUGH SKETCH OF SHAPE, AND EXACT MEASUREMENTS.
IF WE DO NOT HAVE IT IN STOCK, WE CAN GET IT MADE.



K192.
GLOBE VULCAN.
16 line, 2½ in.
18 line, 2 7-13 in.



K193.
BELGE OR VERITAS.
20 line, 2½ in.
30 line, 3 in.



K194. STUDENTS'
PERFECTION OR
QUEEN'S READING
LAMP. 1½ inch.



K195.
WONDER.
1½ in.



K189.
KOSMOS.
6 line, 1½ inch.
8 line, 1¾ inch.
10 line, 1½ inch.
12 line, 1¾ inch.
14 line, 2 inch.
16 line, 2½ inch.
Ordinary and
Fireproof Qualities.

Wicks.

VENUS—D measures ... 1½ inch.

B	„	... 15-16	„
A	„	...	„
E	„	... 7-16	„

*ROCHESTER—O measures 1½

1	„	1½	„
2	„	2½	„
3	„	4½	„

*Measured on flat.

KOSMOS, 6 line, measures 1½ inch

8	„	„	1½	„
---	---	---	----	---

10	„	„	1¾	„
----	---	---	----	---

12	„	„	2¼	„
----	---	---	----	---

14	„	„	2½	„
----	---	---	----	---

16	„	„	3¼	„
----	---	---	----	---

DUPLEX WICK	„	1½	„
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CURTIS 2/14 11337 \$400.00 7194





